

Polish *Pisum* Collection Database

Introduction

The catalogue presents passport information for **2896** accessions of pea collected at Wiatrowo Plant Breeding Station (**1864** accessions in the „taxonomic” part and **1032** accessions in the „mutation” part. The computer data base includes additionally the genotype description (according to the *Pisum* gene map), results of measurements and observations of morphological and agricultural features as well as data on stored seed samples. The collection is a part of the Polish Gene Bank of Crop Plants (coordinated by the Center of Crop Gene Resources of the Institute of Plant Breeding and Acclimatization in Radzików). It is also a part of the European Cooperative Programme for Conservation and Exchange of Crop Genetic Resources - ECP/GR.

Seeds of pure lines are stored under conditions of a typical seed store at Wiatrowo. Besides that seed samples are also protected in long-term storage at the Institute in Radzików.

The passport data are the following:

Wt - the catalogue number of an accession at Wiatrowo.

Wl - the catalogue number of an accession of Weibullsholm collection of the Nordic Gene Bank if a line was stored there.

Ra - the catalogue number in a long-term storage in Radzików.

Classification - L- line s. str.; E - landrace, primitive variety, wild line, (initial variation is preserved in the collection): V - a cultivar.

Type of line - MU - mutant, CV - cultivar, XD - cross derivative, LR - landrace, SE - selected line, CO - wild line from the collection/expedition, PO - population.

Mode of maintenance - maintaining of a lethal or a sterile line in the form of heterozygotes - (H): line of normal growth and development - (K).

Type of usage - is given if possible (for green mass, dry seeds or green as vegetables), suggesting the presence of economical important characters.

yob/yinc - an year of obtaining/including of the line in the collection.

Glass tube - seed sample in a glass tube for demonstration.

Name - name of a line according to an information given by the author or donor.

Origin, donor, author - respectively, arranged information on the origin, donor and author of an accession in a broad sense. There can be countries (FAO three letter codes), institutions, name of a collection curator, geneticist and/or breeders as well as the place of collecting the line or a crossing formula, the name or catalogue number of initial lines, the catalogue number of donor, etc...

Other information - additional information, important for identification or characterization of a line.

The catalogue is divided into two parts: taxonomic (accession number 1-10 000) and mutation (10 001-20 000). In the first part accessions are grouped according to Lehmann's taxonomy (der Zuchter, 1954). Accessions, the characters of which are not considered in variation of the above key,

were classified according to mutation groups and types of Blixt (Agri Hort.Genet., 1972) - it is the so-called mutation part of the catalogue. Mutation type followed by a gene symbol describes a type line for a given gene (according to genetic rules and terms accepted by the *Pisum* Genetics Association).

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PISUM COLLECTION WIATROWO - TAXONOMY

1 z 225 7 października 2013

SP: abyssinicum A. Br.

SSP:

CONV:

VAR:

				CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	1 Wl	0	Ra 77223/01	E	CO	K	
Name:	Population - 1	yob/yinc:	/	Other info:			
Origin:	ETH, Abyssinia			donor:	Snoad	Author:	
Wt	2 Wl	0	Ra 77379/08	E	CO	K	
Name:	Population - 2	yob/yinc:	/	Other info:			
	(157)						
Origin:	ETH, Abyssinia			donor:	Snoad	Author:	
Wt	3 Wl	0	Ra 77797/09	E	CO	K	
Name:	Population - 3	yob/yinc:	/	Other info:			
	(227)						
Origin:	ETH, Abyssinia			donor:	Snoad	Author:	
Wt	4 Wl	0	Ra 77798/09	E	CO	K	
Name:	Population - 4	yob/yinc:	/	Other info:			
	(691)						
Origin:	ETH, Abyssinia			donor:	Snoad	Author:	
Wt	5 Wl	0	Ra	E	CO	K	
Name:	Population - 5	yob/yinc:	/	Other info:			
Origin:	SDN			donor:	Snoad	Author:	
Wt	6 Wl	0	Ra 77380/08	E	CO	K	
Name:	Population - 6	yob/yinc:	/	Other info:			
Origin:	ETH, Abyssinia			donor:	Lehmann	Author:	
Wt	7 Wl	1477	Ra 75939/94	E	SE	K	
Name:	Population - 7	yob/yinc:	73 / 74	Other info:			
Origin:	Tibet			donor:	Blixt	Author:	
Wt	8 Wl	0	Ra 77381/08	E	CO	K	
Name:	Population - 8	yob/yinc:	/	Other info:			
Origin:				donor:	Gentry	Author:	
Wt	9 Wl	0	Ra 77382/08	E	CO	K	
Name:	Population - 9	yob/yinc:	73 / 74	Other info:			
Origin:	ETH, Abyssinia			donor:	Gentry	Author:	
Wt	10 Wl	0	Ra 77383/08	E	CO	K	
Name:	Population - 10	yob/yinc:	/	Other info:			
Origin:	ETH, Abyssinia			donor:	Aitken	Author:	
Wt	11 Wl	0	Ra 77384/08	E	CO	K	
Name:	Population - 11	yob/yinc:	/	Other info:			
Origin:	SUN			donor:	Aitken	Author:	

PISUM COLLECTION WIATROWO - TAXONOMY

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SP: abyssinicum A. Br.
 SSP:
 CONV:
 VAR:

				CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	12 Wl	0	Ra 77385/08	E	CO	K	
Name:	Population - 12	yob/yinc:	/	Other info:			
Origin:	ETH, Abyssinia			donor:	Aitken	Author:	
Wt	13 Wl	0	Ra 77386/08	E	CO	K	
Name:	Population - 13	yob/yinc:	/	Other info:			
Origin:	TUR			donor:	Marx	Author:	
Wt	15 Wl	0	Ra 77224/01	E	CO	K	
Name:	Population - 15	yob/yinc:	/	Other info:			
Origin:	IND			donor:	Sharma	Author:	
Wt	16 Wl	0	Ra	E	CO	K	
Name:	Population - 16	yob/yinc:	/	Other info:			
Origin:	NZL			donor:		Author:	
Wt	17 Wl	1445	Ra 77799/09	E	CO	K	
Name:	P. abyssinicum	yob/yinc:	81 / 81	Other info:			
Origin:				donor:	Blixt	Author:	
Wt	18 Wl	1446	Ra	E	CO	K	
Name:	P. abyssinicum	yob/yinc:	81 / 81	Other info:			
Origin:				donor:	Blixt	Author:	
Wt	19 Wl	1491	Ra 75559	E	CO	K	
Name:	P. abyssinicum Braun	yob/yinc:	81 / 81	Other info:			
Origin:				donor:	Blixt	Author:	
Wt	20 Wl	1570	Ra 77800/09	E	CO	K	
Name:	084	yob/yinc:	81 / 81	Other info:			
Origin:	ETH			donor:	Blixt	Author:	
Wt	21 Wl	1571	Ra 77801/09	E	CO	K	
Name:	085	yob/yinc:	81 / 81	Other info:			
Origin:	ETH			donor:	Blixt	Author:	
Wt	22 Wl	1952	Ra 77802/09	E	CO	K	
Name:		yob/yinc:	81 / 81	Other info:			
Origin:				donor:	Blixt	Author:	
Wt	23 Wl	1953	Ra 77387/08	E	CO	K	
Name:		yob/yinc:	81 / 81	Other info:			
Origin:				donor:	Blixt	Author:	

PISUM COLLECTION WIATROWO - TAXONOMY

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SP: abyssinicum A. Br.

SSP:

CONV:

VAR:

					CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	24 W1	2040	Ra	77803/09	L	CO	K	
Name:	P. abyssinicum	yob/yinc:	81 / 81	Other info:				
Origin:	ETH, JI 227			donor:	Blixt	Author:		
Wt	25 W1	2041	Ra	77388/08	L	CO	K	
Name:	Small Black Pea	yob/yinc:	81 / 81	Other info:				
Origin:	ETH, JI 691			donor:	Blixt	Author:		
Wt	26 W1	2042	Ra	77389/08	L	CO	K	
Name:	2759	yob/yinc:	81 / 81	Other info:				
Origin:	ETH			donor:	Blixt	Author:		
Wt	27 W1	808	Ra		L	PO	K	
Name:	P.abysinicum	yob/yinc:	92 / 92	Other info:			Albumins Aba/EP IV	
Origin:				donor:	Przybylska	Author:		

PISUM COLLECTION WIATROWO - TAXONOMY

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SP: elatius (MB) Stev.

SSP:

CONV:

VAR:

					CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	101 W1	805	Ra	75001/95	E	CO	K	
Name:	Population - 1	yob/yinc:	72 / 73	Other info:				
Origin:	Anatolia			donor:	von Rosen	Author:		
Wt	102 W1	1488	Ra	77390/08	E	CO	K	
Name:	Population - 2	yob/yinc:	81 / 81	Other info:				
Origin:	Palestine			donor:	Ryssland	Author:		
Wt	103 W1	0	Ra	76084/95	E	CO	K	
Name:	Population - 3	yob/yinc:	/	Other info:				
Origin:	RCN			donor:	VIR	Author:		
Wt	104 W1	0	Ra	75741/95	E	CO	K	
Name:	Population - 4a	yob/yinc:	/	Other info:				
Origin:	SUN			donor:	VIR	Author:		
Wt	105 W1	0	Ra	77225/01	E	CO	K	
Name:	Population - 4b	yob/yinc:	/	Other info:				Anthoc. stem
Origin:	SUN			donor:	VIR	Author:		
Wt	106 W1	0	Ra	77226/01	E	CO	K	
Name:	Population - 5a	yob/yinc:	/	Other info:				
Origin:	Palestine			donor:	VIR	Author:		
Wt	107 W1	0	Ra	75611	E	SE	K	
Name:	Population - 5b	yob/yinc:	/	Other info:				
Origin:	Palestine			donor:	VIR	Author:		
Wt	108 W1	226	Ra	75002	E	CO	K	
Name:	Population - 6	yob/yinc:	/	Other info:				
Origin:				donor:	Lamprecht	Author:		
Wt	109 W1	0	Ra	76086/95	E	CO	K	
Name:	Population - 7	yob/yinc:	/	Other info:				
Origin:	(3993)			donor:	Slinkard	Author:		
Wt	110 W1	0	Ra	77391/08	E	CO	K	
Name:	Population - 8	yob/yinc:	/	Other info:				
Origin:	Germany			donor:		Author:		
Wt	111 W1	0	Ra		E	CO	K	
Name:	Population - 9	yob/yinc:	/	Other info:				
Origin:	TUR			donor:	Izmir	Author:		

PISUM COLLECTION WIATROWO - TAXONOMY

5 z 225 7 października 2013

SP: elatius (MB) Stev.

SSP:

CONV:

VAR:

				CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	112 Wl	0 Ra	77726/04	E	CO	K	
Name:	Population - 10	yob/yinc:	73 / 74	Other info:			
Origin:	ETH, Abyssinia			donor:	Snoad	Author:	
Wt	113 Wl	0 Ra	77393/08	E	CO	K	
Name:	Population - 11	yob/yinc:	73 / 74	Other info:			
Origin:				donor:	Slinkard	Author:	
Wt	114 Wl	0 Ra	77052/99	E	CO	K	
Name:	Population - 12 (185)	yob/yinc:	73 / 74	Other info:			
Origin:	SDN			donor:	Snoad	Author:	
Wt	115 Wl	0 Ra	77394/08	E	CO	K	
Name:	Population - 13 (328)	yob/yinc:	73 / 74	Other info:			
Origin:	ETH, Abyssinia			donor:	Snoad	Author:	
Wt	116 Wl	0 Ra	77395/08	E	CO	K	
Name:	Population - 14	yob/yinc:	73 / 74	Other info:			
Origin:				donor:	Marx	Author:	
Wt	117 Wl	0 Ra	77396/08	E	CO	K	
Name:	Population - 15	yob/yinc:	/	Other info:			
Origin:				donor:	Marx	Author:	
Wt	118 Wl	0 Ra		E	CO	K	
Name:	Population - 16	yob/yinc:	/	Other info:			Anthoc. stem
Origin:	TUR			donor:	Marx	Author:	
Wt	120 Wl	0 Ra		E	CO	K	
Name:	Population - 18	yob/yinc:	/	Other info:			
Origin:	GRC			donor:	Marx	Author:	
Wt	121 Wl	0 Ra	77727/04	E	CO	K	
Name:	Population - 19	yob/yinc:	/	Other info:			
Origin:	GRC			donor:	Marx	Author:	
Wt	122 Wl	0 Ra		E	CO	K	
Name:	Population - 20	yob/yinc:	/	Other info:			
Origin:	GRC			donor:	Marx	Author:	
Wt	123 Wl	1447 Ra	77227/01	E	CO	K	
Name:	P. elatius	yob/yinc:	81 / 81	Other info:			
Origin:	Anatolia			donor:	Blixt	Author:	

PISUM COLLECTION WIATROWO - TAXONOMY

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SP: elatius (MB) Stev.

SSP:

CONV:

VAR:

				CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	124 W1	0 Ra		E	CO	K	
Name:	GAT 255	yob/yinc:	85 / 86	Other info:			Albumins Aba/EP IX
Origin:	DDR, Gatersleben			donor:	Przybylska	Author:	
Wt	125 W1	Ra	77398/08	E	CO	K	
Name:	KRY99-216	yob/yinc:	99 / 00	Other info:			
Origin:	UKR, Aju-Dag, Krym			donor:	IHAR	Author:	

SP: fulvum Sibth et Sm.
 SSP:
 CONV:
 VAR:

				CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	301 W1	0 Ra		E	CO	K	
Name:	Population - 1	yob/yinc:	74 / 75	Other info:			
Origin:	Palestine			donor:	Aitken	Author:	
Wt	302 W1	2029 Ra		E	CO	K	
Name:	P. fulvum	yob/yinc:	81 / 81	Other info:			
Origin:	GBR, JI 224b			donor:	Przybylska	Author:	
Wt	303 W1	2029 Ra		E	CO	K	
Name:	P. fulvum	yob/yinc:	81 / 81	Other info:			
Origin:	GBR, JI 224a			donor:	Przybylska	Author:	
Wt	304 W1	2031 Ra		E	CO	K	
Name:	P. fulvum	yob/yinc:	81 / 82	Other info:			
Origin:	ISR			donor:	Blixt	Author:	

PISUM COLLECTION WIATROWO - TAXONOMY

8 z 225 7 października 2013

SP: sativum L. s. l.
 SSP: asiaticum
 CONV:
 VAR:

					CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	501 W1	809	Ra	75613/95	E	CO	K	
Name:	Population - 1	yob/yinc:	/	Other info:				+Ra75941, EPII
Origin:	Anatolia			donor:	von Rosen	Author:		
Wt	502 W1	0	Ra	77409/08	E	CO	K	
Name:	Population - 2	yob/yinc:	/	Other info:				
Origin:	SUN			donor:		Author:		
Wt	503 W1	0	Ra	75168	E	CO	K	
Name:	Population - 3	yob/yinc:	73 / 74	Other info:				
Origin:	AFG			donor:	Izmir	Author:		
Wt	504 W1	0	Ra	75631/88	E	CO	K	
Name:	Population - 4 (P-1)	yob/yinc:	/	Other info:				
Origin:				donor:	Sofia,IGPB	Author:		
Wt	505 W1	0	Ra	75614/95	E	CO	K	
Name:	Population - 5 Mestnaja	yob/yinc:	/	Other info:				+Ra75942
Origin:	SUN			donor:	Sofia,IGPB	Author:		
Wt	506 W1		Ra	77410/08	E	PO	K	
Name:	Mjusik 623	yob/yinc:	97 / 97	Other info:				
Origin:	IRN, PIS 1728			donor:	Gat.	Author:		
Wt	507 W1		Ra	77411/08	E	PO	K	
Name:	P. asiaticum	yob/yinc:	97 / 97	Other info:				
Origin:	IND, PIS 1804			donor:	Gat.	Author:		

PISUM COLLECTION WIATROWO - TAXONOMY

9 z 225 7 października 2013

SP: sativum L. s. l.
SSP: cinereum
CONV:
VAR:

				CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	601 W1	1490	Ra	75744/88	E	CO	K
Name:	Population - 1	yob/yinc:	/ 81	Other info:			(=Wt16037), EP III
Origin:	SUN			donor:	VIR	Author:	

PISUM COLLECTION WIATROWO - TAXONOMY

10 z 225 7 października 2013

SP: sativum L. s. l.
SSP: sativum
CONV: axiphium
VAR: compocarpum

				CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	951 W1	1963	Ra	75118/82	V	CV	K
Name:	Mammoth Poddet Extra Early	yob/yinc:	81 / 81	Other info:			
Origin:				donor:	Blixt	Author:	

PISUM COLLECTION WIATROWO - TAXONOMY

11 z 225 7 października 2013

SP: sativum L. s. l.
 SSP: sativum
 CONV: axiphium
 VAR: dinocarpum

					CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	1051 W1	0	Ra 77415/08		E	CO	K	
Name:	Population - 1	yob/yinc:	72 / 73	Other info:				
Origin:	Peloponnes			donor:	Lehmann	Author:		
Wt	1052 W1	0	Ra 75004		V	CV	K	
Name:	Deferemini	yob/yinc:	73 / 74	Other info:				
Origin:	Peloponnes			donor:	Lehmann	Author:		
Wt	1053 W1	2466	Ra 76096/95		V	CV	K	
Name:	Schweizer Riesen	yob/yinc:	/	Other info:				
Origin:	CHE			donor:	Lehmann	Author:		
Wt	1054 W1	1961	Ra 76179/97		E	CO	K	
Name:		yob/yinc:	81 / 81	Other info:				
Origin:	Peloponnes			donor:	Blixt	Author:		

PISUM COLLECTION WIATROWO - TAXONOMY

12 z 225 7 października 2013

SP: sativum L. s. l.
 SSP: sativum
 CONV: axiphium
 VAR: durius

					CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	1101	W1	1962	Ra	76097/95	V	CV	K
Name:	Graue Buntbluehende		yob/yinc:	/ 72		Other info:		
Origin:				donor:	Lehmann	Author:		
Wt	1102	W1	0	Ra	76180/97	E	CO	K
Name:	Population - 1		yob/yinc:	/		Other info:		
Origin:	TUR			donor:	Lehmann	Author:		
Wt	1103	W1	0	Ra	76181/97	E	CO	K
Name:	Population - 2		yob/yinc:	/		Other info:		
Origin:	SUN			donor:	Lehmann	Author:		
Wt	1104	W1	0	Ra	76098/95	V	CV	K
Name:	Remi Corouby Hatif		yob/yinc:	/		Other info:		
Origin:	SYR			donor:	Lehmann	Author:		
Wt	1105	W1	0	Ra	77234/01	L	LR	K
Name:	Wagrowiec 2		yob/yinc:	78 / 79		Other info:		
Origin:	POL, Wagrowiec			donor:	Swiecicki	Author:		

PISUM COLLECTION WIATROWO - TAXONOMY

13 z 225 7 października 2013

SP: sativum L. s. l.
SSP: sativum
CONV: axiphium
VAR: furcans

					CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	1201	W1	1964	Ra	75745/88	V	CV	K
Name:	Universal	yob/yinc:	81 / 81	Other info:				
Origin:				donor:	Lehmann	Author:		

PISUM COLLECTION WIATROWO - TAXONOMY

14 z 225 7 października 2013

SP: sativum L. s. l.
SSP: sativum
CONV: axiphium
VAR: giganteum

					CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	1251	W1	1965	Ra	77235/01	V	CV	K
Name:	Schweizer Riesen Goldgelb	yob/yinc:	81 / 81	Other info:				
Origin:				donor:	Blixt	Author:		

PISUM COLLECTION WIATROWO - TAXONOMY

15 z 225 7 października 2013

SP: sativum L. s. l.
SSP: sativum
CONV: axiphium
VAR: kapperti

				CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	1301 W1	1966	Ra	75746/88	V	SE	K
Name:	Wachserbse	yob/yinc:	/ 72	Other info:			
Origin:	Germany	donor:	Lehmann	Author:			

PISUM COLLECTION WIATROWO - TAXONOMY

16 z 225 7 października 2013

SP: sativum L. s. l.
 SSP: sativum
 CONV: axiphium
 VAR: melileucum

					CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	1351	Wl	1886	Ra	75634	L	CO	K
Name:		yob/yinc:	81 / 81	Other info:				
Origin:	CHN			donor:	Blixt		Author:	
Wt	1352	Wl	0	Ra	75944/94	V	CV	K
Name:	Melting Sugar Edible Pod	yob/yinc:	83 / 85	Other info:				
Origin:				donor:	Ilowiec		Author:	
Wt	1353	Wl	0	Ra	75945/94	V	CV	K
Name:	Mammoth Melting Sugar	yob/yinc:	83 / 85	Other info:				
Origin:				donor:	Ilowiec		Author:	
Wt	1354	Wl	0	Ra	75946/94	V	CV	K
Name:	Early Hyogo	yob/yinc:	83 / 85	Other info:				
Origin:				donor:	Ilowiec		Author:	
Wt	1355	Wl	0	Ra	75947/94	V	CV	K
Name:	Demi-romes de 40 Jours	yob/yinc:	83 / 85	Other info:				
Origin:				donor:	Ilowiec		Author:	
Wt	1356	Wl	0	Ra	75948/94	V	CV	K
Name:	Sockerart Sabel	yob/yinc:	83 / 85	Other info:				
Origin:				donor:	Ilowiec		Author:	
Wt	1357	Wl	0	Ra	75949/94	V	CV	K
Name:	Herald (Spezialzucht)	yob/yinc:	83 / 85	Other info:				
Origin:				donor:	Ilowiec		Author:	
Wt	1358	Wl	0	Ra	75159	V	CV	K
Name:	Corne de Belier	yob/yinc:	83 / 85	Other info:				
Origin:				donor:	Ilowiec		Author:	
Wt	1359	Wl	0	Ra	75161	V	CV	K
Name:	Riesen Saebel	yob/yinc:	83 / 85	Other info:				
Origin:				donor:	Ilowiec		Author:	

PISUM COLLECTION WIATROWO - TAXONOMY

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SP: sativum L. s. l.
 SSP: sativum
 CONV: axiphium
 VAR: pedale

					CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	1551 Wl	1712	Ra	77416/08	V	CV	K	
Name:	Fruehe Niedrige	yob/yinc:	/	Other info:				
Origin:	Germany	donor:	Lehmann	Author:				
Wt	1552 Wl	0	Ra	77417/08	V	PO	K	
Name:	Population - 1	yob/yinc:	73 / 74	Other info:				
Origin:	NLD	donor:	Lehmann	Author:				
Wt	1553 Wl	1968	Ra	75147	V	CV	K	
Name:	Fruehe Niedrige Volltragende	yob/yinc:	81 / 81	Other info:				
Origin:		donor:	Blixt	Author:				
Wt	1554 Wl	0	Ra	75165	V	CV	K	
Name:	Suggy	yob/yinc:	83 / 84	Other info:				
Origin:		donor:	Pedzinski	Author:				
Wt	1555 Wl	0	Ra	75950/94	V	CV	K	
Name:	Early Henri	yob/yinc:	83 / 85	Other info:				
Origin:		donor:	Ilowiec	Author:				
Wt	1556 Wl	0	Ra	75951/94	V	CV	K	
Name:	Early 40 Days Improved	yob/yinc:	83 / 85	Other info:				
Origin:		donor:	Ilowiec	Author:				
Wt	1557 Wl	0	Ra	75156	V	CV	K	
Name:	Stampeulen Norli	yob/yinc:	83 / 85	Other info:				
Origin:		donor:	Ilowiec	Author:				
Wt	1558 Wl	0	Ra	75952/94	V	CV	K	
Name:	Sockerart Buxborn De Grace	yob/yinc:	83 / 85	Other info:				
Origin:		donor:	Ilowiec	Author:				
Wt	1559 Wl	0	Ra	75162	V	CV	K	
Name:	Fruehe Niedrige De Grace	yob/yinc:	83 / 85	Other info:				
Origin:		donor:	Ilowiec	Author:				
Wt	1560 Wl	0	Ra	75953/94	V	CV	K	
Name:	Herold	yob/yinc:	83 / 85	Other info:				
Origin:		donor:	Ilowiec	Author:				
Wt	1561 Wl		Ra	75114	V	CV	K	
Name:	Ilowiecki	yob/yinc:	82 / 88	Other info:				20019
Origin:	Polska	donor:	IHAR	Author:				

PISUM COLLECTION WIATROWO - TAXONOMY

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SP: sativum L. s. l.
 SSP: sativum
 CONV: axiphium
 VAR: procerum

				CLASSIFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	1601	W1	0 Ra	77056/00	L	PO	K
Name:	Genri 15	yob/yinc:	/	Other info:		Author:	
Origin:		donor:					
Wt	1602	W1	1969 Ra	77182/00	V	CV	K
Name:	Englische Saebel	yob/yinc:	81 / 81	Other info:		Author:	
Origin:		donor:	Blixt				

PISUM COLLECTION WIATROWO - TAXONOMY

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SP: sativum L. s. l.
 SSP: sativum
 CONV: medullare
 VAR: balticum

					CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	2001 W1	0	Ra	76185/98	V	CV	K	
Name:	Centurion	yob/yinc:	/	Other info:				
Origin:				donor:	Lehmann	Author:		
Wt	2002 W1	0	Ra	75749/95	E	CO	K	
Name:	Population - 1	yob/yinc:	/	Other info:				
Origin:	Hindukusch			donor:	Lehmann	Author:		
Wt	2003 W1	2740	Ra	77420/08	V	CV	K	
Name:	Lincoln	yob/yinc:	/	Other info:				
Origin:	GDR, Quedlinburg			donor:	Lehmann	Author:		
Wt	2004 W1	0	Ra	75171	V	PO	K	
Name:	Population - 2	yob/yinc:	73 / 74	Other info:				
Origin:	IND			donor:	Sharma	Author:		
Wt	2005 W1	0	Ra	76102/95	V	PO	K	
Name:	Population - 3	yob/yinc:	73 / 74	Other info:				
Origin:	IND			donor:	Sharma	Author:		
Wt	2006 W1	0	Ra	76103/95	V	CV	K	
Name:	Zidovicka Edelperle	yob/yinc:	73 / 74	Other info:				
Origin:	CSK			donor:	Ruzyne	Author:		
Wt	2007 W1	0	Ra	77421/08	V	CV	K	
Name:	Lumir	yob/yinc:	73 / 74	Other info:				
Origin:	CSK			donor:	Cousin	Author:		
Wt	2008 W1	0	Ra	77422/08	V	CV	K	
Name:	Yanco Early	yob/yinc:	73 / 74	Other info:				
Origin:	AUS			donor:	Aitken	Author:		
Wt	2009 W1	0	Ra	75750/88	E	PO	K	
Name:	Population - 4	yob/yinc:	73 / 74	Other info:				
Origin:	IND			donor:	Marx	Author:		
Wt	2010 W1	0	Ra	76104/95	V	CV	K	
Name:	Greenfeast	yob/yinc:	/	Other info:				
Origin:	NZL			donor:	Crampton	Author:		
Wt	2011 W1	0	Ra	75119/82	E	PO	K	
Name:	Population - 5	yob/yinc:	/	Other info:				
Origin:	IND			donor:	Sharma	Author:		

PISUM COLLECTION WIATROWO - TAXONOMY

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SP: sativum L. s. l.
 SSP: sativum
 CONV: medullare
 VAR: balticum

					CLASSIFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	2012 Wl	2429	Ra	75751/88	V	CV	K	
Name:	Gradus	yob/yinc:	/	Other info:				
Origin:	GDR, Quedlinburg	donor:	Lehmann	Author:				
Wt	2013 Wl	2581	Ra	77423/08	V	CV	K	
Name:	Exquisite	yob/yinc:	/	Other info:				
Origin:	Germany, Weissenfels	donor:	Lehmann	Author:				
Wt	2014 Wl	0	Ra	75752/88	E	PO	K	
Name:	Population - 6	yob/yinc:	/	Other info:				
Origin:	IND	donor:	Marx	Author:				
Wt	2015 Wl	0	Ra	76186/98	E	PO	K	
Name:	Population - 7	yob/yinc:	/	Other info:				
Origin:	IND	donor:	Marx	Author:				
Wt	2016 Wl		Ra	76189/98	E	PO	K	
Name:	Population-8	yob/yinc:	/	Other info:				
Origin:	IND	donor:	Marx	Author:				
Wt	2017 Wl	0	Ra	76192/98	E	PO	K	
Name:	Population - 9	yob/yinc:	74 / 75	Other info:				
Origin:		donor:		Author:				
Wt	2018 Wl	185	Ra	75635	L	CV	K	
Name:	Stens	yob/yinc:	79 / 80	Other info:				
Origin:		donor:	Blixt	Author:				
Wt	2019 Wl	2178	Ra	77424/08	L	CV	K	
Name:	Thomas Laxton	yob/yinc:	79 / 80	Other info:				
Origin:	Western Valley, Seed Co.	donor:	Blixt	Author:				
Wt	2020 Wl	2179	Ra	77425/08	L	CV	K	
Name:	Thomas Laxton	yob/yinc:	79 / 80	Other info:				
Origin:	Asgrow	donor:	Blixt	Author:				
Wt	2021 Wl	2188	Ra	77426/08	L	SE	K	
Name:	WSU 28	yob/yinc:	79 / 80	Other info:				
Origin:		donor:	Blixt	Author:				
Wt	2022 Wl	1881	Ra	77427/08	L	CO	K	
Name:		yob/yinc:	81 / 81	Other info:				
Origin:	Hindukusch	donor:	Blixt	Author:				

PISUM COLLECTION WIATROWO - TAXONOMY

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SP: sativum L. s. l.
 SSP: sativum
 CONV: medullare
 VAR: balticum

					CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	2023	W1	0 Ra	75367	L	CV	K	
Name:	Aromata	yob/yinc:	83 / 84	Other info:				
Origin:	NLD, Bruno Nebelung	donor:		Author:	Pedzinski			
Wt	2025	W1	0 Ra	75375	L	CV	K	
Name:	Fair Beards Non Pareil	yob/yinc:	83 / 84	Other info:				
Origin:	DNK, Hansens	donor:		Author:	Pedzinski			
Wt	2026	W1	0 Ra	75304	L	CV	K	
Name:	Freezonian	yob/yinc:	83 / 84	Other info:				
Origin:	USA	donor:		Author:	Pedzinski			
Wt	2027	W1	0 Ra	75361	L	CV	K	
Name:	Moni	yob/yinc:	83 / 84	Other info:				
Origin:	NLD, Bruno Nebelung	donor:		Author:	Pedzinski			
Wt	2028	W1	0 Ra	77428/08	L	CV	K	
Name:	Progress Laxtonis	yob/yinc:	83 / 84	Other info:				
Origin:	GBR, Charles Sharpee	donor:		Author:	Pedzinski			
Wt	2029	W1	0 Ra	75348	L	CV	K	
Name:	Salzmunder Edelperle	yob/yinc:	83 / 84	Other info:				
Origin:	DDR	donor:		Author:	Pedzinski			
Wt	2030	W1	0 Ra	75349	V	CV	K	
Name:	Szlachetna Perla	yob/yinc:	83 / 84	Other info:				
Origin:	POL, Nochowo	donor:		Author:	Pedzinski			
Wt	2031	W1	0 Ra	75426	V	CV	K	
Name:	Thomas Laxton	yob/yinc:	83 / 84	Other info:				
Origin:	CAN, Stokes	donor:		Author:	Pedzinski			
Wt	2032	W1	0 Ra	75458	V	CV	K	
Name:	Cornelo	yob/yinc:	83 / 84	Other info:				
Origin:	Nossen	donor:		Author:	Pedzinski			
Wt	2033	W1	0 Ra	75492/95	V	CV	K	
Name:	Konserwowy IHAR	yob/yinc:	83 / 84	Other info:				
Origin:	POL, Radzikow	donor:		Author:	Pedzinski			
Wt	2034	W1	0 Ra	75496	V	CV	K	
Name:	Prinbet	yob/yinc:	83 / 84	Other info:				
Origin:		donor:		Author:	Pedzinski			

PISUM COLLECTION WIATROWO - TAXONOMY

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SP: sativum L. s. l.
 SSP: sativum
 CONV: medullare
 VAR: balticum

					CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	2035	W1	0 Ra	75499/95	V	CV	K	
Name:	Canners 99	yob/yinc:	83 / 84	Other info:				
Origin:	GBR			donor:	Pedzinski	Author:		
Wt	2036	W1	0 Ra	75508/95	V	CV	K	
Name:	"S"	yob/yinc:	83 / 84	Other info:				
Origin:	NLD			donor:	Pedzinski	Author:		
Wt	2037	W1	0 Ra	77429/08	L	PO	K	
Name:	E 0289	yob/yinc:	83 / 85	Other info:				
Origin:				donor:	IHAR	Author:		
Wt	2038	W1	0 Ra	77057/00	L	PO	K	
Name:	E 0406	yob/yinc:	83 / 85	Other info:				
Origin:				donor:	IHAR	Author:		
Wt	2039	W1	0 Ra	75562/85	L	PO	K	
Name:	H.P.	yob/yinc:	79 / 85	Other info:				
Origin:	CAN			donor:	Slincard	Author:		
Wt	2040	W1	Ra	77430/08	L	LR	K	
Name:	E 4328	yob/yinc:	95 / 96	Other info:				
Origin:	Huncowce, alt 650			donor:	IHAR	Author:		

PISUM COLLECTION WIATROWO - TAXONOMY

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SP: sativum L. s. l.
 SSP: sativum
 CONV: medullare
 VAR: ecirrhosum

					CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	2051	W1	0	Ra	77431/08	E	PO	K
Name:	Population - 1	yob/yinc:	/	Other info:				
Origin:	SWE	donor:	Snoad	Author:				
Wt	2052	W1	102	Ra	77432/08	V	CV	K
Name:	Acacia	yob/yinc:	/	Other info:				
Origin:	FRA, Versaille	donor:	Nielsson	Author:				
Wt	2053	W1	1972	Ra	77433/08	V	SE	K
Name:	Akazienblaettrige	yob/yinc:	/ 72	Other info:				
Origin:	GDR	donor:	Lehmann	Author:				
Wt	2054	W1	0	Ra	77434/08	V	PO	K
Name:	Bezuponkowy	yob/yinc:	73 / 74	Other info:				
Origin:	CSK	donor:	Ruzyne	Author:				
Wt	2055	W1	0	Ra	75120/82	E	PO	K
Name:	Population - 3	yob/yinc:	73 / 74	Other info:				
Origin:		donor:		Author:				
Wt	2056	W1	0	Ra	77435/08	E	PO	K
Name:	Population - 4	yob/yinc:	73 / 74	Other info:				
Origin:	SWE	donor:	Snoad	Author:				
Wt	2057	W1	0	Ra	77436/08	V	PO	K
Name:	Acacia Raid	yob/yinc:	/	Other info:				
Origin:	FRA	donor:		Author:				

PISUM COLLECTION WIATROWO - TAXONOMY

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SP: sativum L. s. l.
 SSP: sativum
 CONV: medullare
 VAR: gribowoense

					CLASS IFICATION	TYPE	MAINTE NANCE	TYPE OF USAGE
Wt	2101 W1	0	Ra 77437/08		E	PO	K	
Name:	Population - 1 (381)	yob/yinc:	73 / 74	Other info:				
Origin:				donor:	Snoad	Author:		
Wt	2102 W1	2479	Ra 76897/99		V	CV	K	
Name:	Gribowo Kronenerbse	yob/yinc:	73 / 74	Other info:				
Origin:	GDR, Quedlinburg			donor:	Lehmann	Author:		
Wt	2103 W1	2235	Ra 77237/01		V	CV	K	
Name:	Budai Ernyos	yob/yinc:	73 / 74	Other info:				
Origin:	HUN			donor:	Tapioszele	Author:		
Wt	2104 W1	0	Ra 75145/82		V	CV	K	
Name:	Jarek (F 17/33)	yob/yinc:	83 / 84	Other info:				
Origin:	Kronenerbse x Delisa II			donor:	Pedzinski	Author:	Rozegnal, Radzikow	
Wt	2105 W1	0	Ra 75516		V	CV	K	
Name:	F - 41/44	yob/yinc:	83 / 85	Other info:				
Origin:	POL, Radzikow			donor:	Pedzinski	Author:	Rozegnal	
Wt	2106 W1	0	Ra 75525		V	XD	K	
Name:	Mirek, F - 35/36	yob/yinc:	83 / 85	Other info:				
Origin:	POL, Radzikow			donor:	Pedzinski	Author:	Rozegnal, Radzikow	
Wt	2107 W1	0	Ra 75544		V	XD	K	
Name:	F - 37/51	yob/yinc:	83 / 85	Other info:				
Origin:	POL, Radzikow			donor:	Pedzinski	Author:	Rozegnal, Radzikow	

PISUM COLLECTION WIATROWO - TAXONOMY

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SP: sativum L. s. l.
 SSP: sativum
 CONV: medullare
 VAR: pervicax

					CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	2152	W1	2275	Ra	76108/95	V	CV	K
Name:	Kelvedon Hurricane		yob/yinc:	/ 72	Other info:			
Origin:	USA				donor:	Tapioszele	Author:	
Wt	2153	W1	0	Ra	75172	V	CV	K
Name:	Maro		yob/yinc:	/ 69	Other info:			
Origin:	NLD				donor:	Lehmann	Author:	
Wt	2154	W1	2632	Ra	76187/97	V	CV	K
Name:	Rapid		yob/yinc:	/ 72	Other info:			
Origin:	Weissenfels				donor:	Lehmann	Author:	
Wt	2155	W1	2533	Ra	75871/89	V	CV	K
Name:	Sensation		yob/yinc:	/ 72	Other info:			
Origin:	Weissenfels				donor:	Lehmann	Author:	
Wt	2156	W1	0	Ra	75955/94	V	CV	K
Name:	Telefon Strauch		yob/yinc:	/ 72	Other info:			
Origin:	Germany				donor:	Lehmann	Author:	
Wt	2157	W1	0	Ra	77438/08	E	PO	K
Name:	Population - 1		yob/yinc:	73 / 74	Other info:			
Origin:	NLD				donor:		Author:	
Wt	2158	W1	0	Ra		V	CV	K
Name:	Morse's		yob/yinc:	/	Other info:			
Origin:	Weissenfels				donor:	Lehmann	Author:	
Wt	2159	W1	0	Ra	76188/97	V	CV	K
Name:	Americadeo		yob/yinc:	73 / 74	Other info:			
Origin:	USA				donor:	Lehmann	Author:	
Wt	2160	W1	2278	Ra	75173	V	CV	K
Name:	Wonder of Kelvedon		yob/yinc:	73 / 74	Other info:			
Origin:	GBR				donor:	Lehmann	Author:	
Wt	2161	W1	2428	Ra	75174/95	V	CV	K
Name:	Wunder von Witham		yob/yinc:	73 / 74	Other info:			
Origin:	GDR, Quedlinburg				donor:	Lehmann	Author:	
Wt	2162	W1	2270	Ra	75175/95	V	CV	K
Name:	Gruene Perle		yob/yinc:	73 / 74	Other info:			
Origin:	GDR				donor:	Tapioszele	Author:	

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SP: sativum L. s. l.
 SSP: sativum
 CONV: medullare
 VAR: pervicax

					CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	2163 W1	2354	Ra	75176	V	SE	K	
Name:	NZ-72	yob/yinc:	73 / 74	Other info:				
Origin:				donor:	Tapioszele	Author:		
Wt	2164 W1	0	Ra	75177/95	V	CV	K	
Name:	Oliver	yob/yinc:	73 / 74	Other info:				
Origin:	FRA			donor:	Cousin	Author:		
Wt	2165 W1	0	Ra	75178	V	CV	K	
Name:	Primata	yob/yinc:	73 / 74	Other info:				
Origin:	FRA			donor:	Cousin	Author:		
Wt	2166 W1	2339	Ra	77058/00	V	CV	K	
Name:	Vitalis	yob/yinc:	73 / 74	Other info:				
Origin:	FRA			donor:	Cousin	Author:		
Wt	2167 W1	0	Ra	76112/95	V	CV	K	
Name:	Puget	yob/yinc:	73 / 74	Other info:				
Origin:	FRA			donor:	Cousin	Author:		
Wt	2168 W1	0	Ra	77439/08	V	CV	K	
Name:	Priusa	yob/yinc:	73 / 74	Other info:				
Origin:	FRA			donor:	Cousin	Author:		
Wt	2169 W1	0	Ra	76113/95	V	CV	K	
Name:	Super Sweet	yob/yinc:	73 / 74	Other info:				
Origin:	AUS, Melbourne, Aitken			donor:	Richmond	Author:		
Wt	2170 W1	0	Ra		E	PO	K	
Name:	Population - 2	yob/yinc:	73 / 74	Other info:				
Origin:	NLD			donor:		Author:		
Wt	2171 W1	0	Ra	75872/89	E	PO	K	
Name:	Population - 3	yob/yinc:	/	Other info:				
Origin:	DZA			donor:	VIR	Author:		
Wt	2172 W1	0	Ra	77440/08	V	CV	K	
Name:	William Massey	yob/yinc:	/	Other info:				
Origin:	NZL			donor:	Crampton	Author:		
Wt	2173 W1	0	Ra		V	CV	K	
Name:	Orfeo	yob/yinc:	/	Other info:				
Origin:	FRA			donor:	Cousin	Author:		

PISUM COLLECTION WIATROWO - TAXONOMY

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SP: sativum L. s. l.
 SSP: sativum
 CONV: medullare
 VAR: pervicax

					CLASS IFICATION	TYPE	MAINTE NANCE	TYPE OF USAGE
Wt	2174 W1	0 Ra	77059/00	V		CV	K	
Name:	Fakir	yob/yinc:	/	Other info:				
Origin:	FRA			donor:	Cousin	Author:		
Wt	2175 W1	0 Ra	77441/08	V		CV	K	
Name:	Tresor	yob/yinc:	/	Other info:				
Origin:	FRA			donor:	Cousin	Author:		
Wt	2176 W1	0 Ra		V		CV	K	
Name:	Eldo	yob/yinc:	/	Other info:				
Origin:	FRA			donor:	Cousin	Author:		
Wt	2177 W1	0 Ra	77442/08	V		CV	K	
Name:	Serpette Nain Vert	yob/yinc:	/	Other info:				
Origin:	FRA			donor:	Cousin	Author:		
Wt	2178 W1	0 Ra	77443/08	V		CV	K	
Name:	Precursor	yob/yinc:	/	Other info:				
Origin:	FRA			donor:	Cousin	Author:		
Wt	2179 W1	0 Ra	77444/08	V		CV	K	
Name:	Argo	yob/yinc:	/	Other info:				
Origin:	FRA			donor:	Cousin	Author:		
Wt	2180 W1	0 Ra	77060/00	V		CV	K	
Name:	Urodnyj	yob/yinc:	/	Other info:				
Origin:	SUN			donor:	VIR	Author:		
Wt	2181 W1	0 Ra	76195/98	V		PO	K	
Name:	Charles Inst.	yob/yinc:	/	Other info:				
Origin:				donor:		Author:		
Wt	2182 W1	0 Ra	76196/98	E		PO	K	
Name:	Population - 4	yob/yinc:	/	Other info:				
Origin:	USA, Wisconsin			donor:	Marx	Author:		
Wt	2183 W1	0 Ra	77445/08	E		PO	K	
Name:	Population - 5	yob/yinc:	/	Other info:				
Origin:	NLD			donor:	Marx	Author:		
Wt	2184 W1	0 Ra	76114/95	L		XD	K	
Name:	WTD 4014	yob/yinc:	73 / 74	Other info:				
Origin:	POL			donor:	Swiecicki	Author:	Swiecicki	

PISUM COLLECTION WIATROWO - TAXONOMY

28 z 225 7 października 2013

SP: sativum L. s. l.
 SSP: sativum
 CONV: medullare
 VAR: pervicax

					CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	2185 W1	0	Ra	75005	L	XD	K	
Name:	WTD 4015	yob/yinc:	73 / 74	Other info:				
Origin:	Heros x Ranger	donor:	Swiecicki	Author:	Swiecicki			
Wt	2186 W1	0	Ra	77446/08	L	XD	K	
Name:	R 7	yob/yinc:	79 / 80	Other info:				
Origin:		donor:	Melzer	Author:				
Wt	2187 W1	0	Ra	75006	L	XD	K	
Name:	WTD 4016	yob/yinc:	73 / 74	Other info:				
Origin:	Satellite x Ranger	donor:	Swiecicki	Author:	Swiecicki			
Wt	2188 W1	1716	Ra	77447/08	L	CV	K	
Name:	Wyola	yob/yinc:	79 / 80	Other info:				
Origin:	933/59	donor:	Blixt	Author:				
Wt	2189 W1	2069	Ra	75956/94	L	CV	K	
Name:	Patea	yob/yinc:	79 / 80	Other info:				
Origin:	Wiliam Massey x Jade	donor:	Blixt	Author:				
Wt	2190 W1	2070	Ra	75957/94	L	CV	K	
Name:	Puke	yob/yinc:	79 / 80	Other info:				
Origin:	Small Sieve Freezer x Jad	donor:	Blixt	Author:				
Wt	2191 W1	2071	Ra	75753/88	L	CV	K	
Name:	Piri	yob/yinc:	79 / 80	Other info:				
Origin:	VictoryFreez*D	donor:	Blixt	Author:				
Wt	2192 W1	2072	Ra	77181/00	L	CV	K	
Name:	Pania	yob/yinc:	79 / 80	Other info:				JI 1026
Origin:	Poha*res.to top yellow virus	donor:	Blixt	Author:				
Wt	2193 W1	1742	Ra	77448/08	L	CV	K	
Name:	New Wales	yob/yinc:	79 / 80	Other info:				
Origin:		donor:	Blixt	Author:				
Wt	2194 W1	2177	Ra	77449/08	L	SE	K	
Name:	B 76-197	yob/yinc:	79 / 80	Other info:				
Origin:		donor:	Blixt	Author:				
Wt	2195 W1	2188	Ra	75425	L	CV	K	
Name:	Little Marvel	yob/yinc:	79 / 80	Other info:				
Origin:		donor:	Blixt	Author:				

PISUM COLLECTION WIATROWO - TAXONOMY

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SP: sativum L. s. l.
 SSP: sativum
 CONV: medullare
 VAR: pervicax

					CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	2196 W1	2187	Ra	77450/08	L	SE	K	
Name:	WSU 23	yob/yinc:	79 / 80	Other info:				
Origin:				donor:	Blixt	Author:		
Wt	2197 W1	1760	Ra	75636	L	CV	K	
Name:	Witham Wonder	yob/yinc:	81 / 81	Other info:				
Origin:				donor:	Blixt	Author:		
Wt	2198 W1	1883	Ra	77451/08	L	CO	K	
Name:		yob/yinc:	81 / 81	Other info:				
Origin:	ITA			donor:		Author:		
Wt	2199 W1	0	Ra	75320	L	CO	K	
Name:	American Wonder	yob/yinc:	83 / 84	Other info:				
Origin:	GBR, Charles Sharpee			donor:	Pedzinski	Author:		
Wt	2200 W1	0	Ra	75316	L	CO	K	
Name:	Angela	yob/yinc:	83 / 84	Other info:				
Origin:	NLD, Nunhems Zaden			donor:	Pedzinski	Author:		
Wt	4801 W1	0	Ra	75322	V	CV	K	
Name:	Arkel	yob/yinc:	83 / 84	Other info:				
Origin:	FRA, Clause			donor:	Pedzinski	Author:		
Wt	4802 W1	0	Ra	75292/95	V	CV	K	
Name:	Avanta	yob/yinc:	83 / 84	Other info:				
Origin:	NLD, Nebelung			donor:	Pedzinski	Author:		
Wt	4803 W1	0	Ra	75146/82	V	CV	K	
Name:	Bordi	yob/yinc:	83 / 84	Other info:				
Origin:	DDR			donor:	Pedzinski	Author:		
Wt	4804 W1	0	Ra	75380	V	CV	K	
Name:	Brillant	yob/yinc:	83 / 84	Other info:				
Origin:	DEU, Van Waveren			donor:	Pedzinski	Author:		
Wt	4805 W1	0	Ra	75329	V	XD	K	
Name:	Cebeco 609	yob/yinc:	83 / 84	Other info:				
Origin:	NLD			donor:	Pedzinski	Author:	CEBECO	
Wt	4806 W1	0	Ra	75326	V	CV	K	
Name:	Corona Imperiale	yob/yinc:	83 / 84	Other info:				
Origin:	NLD, Sluis & Groot			donor:	Pedzinski	Author:		

PISUM COLLECTION WIATROWO - TAXONOMY

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SP: sativum L. s. l.
 SSP: sativum
 CONV: medullare
 VAR: pervicax

				CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	4807 Wl	0	Ra 75107	V	CV	K	
Name:	Cud Kelwedonu	yob/yinc:	83 / 84	Other info:			
Origin:	POL, Selected			donor:	Pedzinski	Author:	
Wt	4808 Wl	0	Ra 77607/08	V	CV	K	
Name:	Dart	yob/yinc:	83 / 84	Other info:			
Origin:	USA, Asgrow			donor:	Pedzinski	Author:	
Wt	4809 Wl	0	Ra 75298	V	CV	K	
Name:	Dash	yob/yinc:	83 / 84	Other info:			
Origin:	NLD, Sluis & Groot			donor:	Pedzinski	Author:	
Wt	4810 Wl	0	Ra 75105	V	CV	K	
Name:	Delisa II	yob/yinc:	83 / 84	Other info:			
Origin:	POL, Radzikow			donor:	Pedzinski	Author:	
Wt	4811 Wl	0	Ra 75290	V	CV	K	
Name:	Dorla	yob/yinc:	83 / 84	Other info:			
Origin:	DEU, Gebruder Dippe			donor:	Pedzinski	Author:	
Wt	4812 Wl	0	Ra 75317	V	CV	K	
Name:	Durana	yob/yinc:	83 / 84	Other info:			
Origin:	DEU			donor:	Pedzinski	Author:	
Wt	4813 Wl	0	Ra 75384	V	CV	K	
Name:	Dwarf Defiance	yob/yinc:	83 / 84	Other info:			
Origin:				donor:	Pedzinski	Author:	
Wt	4814 Wl	0	Ra 75289	V	CV	K	
Name:	Elda	yob/yinc:	83 / 84	Other info:			
Origin:	DEU, Schafer			donor:	Pedzinski	Author:	
Wt	4815 Wl	0	Ra 75357	V	CV	K	
Name:	Elwy	yob/yinc:	83 / 84	Other info:			
Origin:	DEU, Nunhems Zaden			donor:	Pedzinski	Author:	
Wt	4816 Wl	0	Ra 75315/95	V	CV	K	
Name:	Estafette	yob/yinc:	83 / 84	Other info:			
Origin:	NLD, Sluis & Groot			donor:	Pedzinski	Author:	
Wt	4817 Wl	0	Ra 75325	V	CV	K	
Name:	Eta	yob/yinc:	83 / 84	Other info:			
Origin:	DDR			donor:	Pedzinski	Author:	

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SP: sativum L. s. l.
 SSP: sativum
 CONV: medullare
 VAR: pervicax

				CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	4818	W1	0 Ra	75291	L	CO	K
Name:	Evita	yob/yinc:	83 / 84	Other info:			
Origin:	NLD, Nebelung			donor:	Pedzinski	Author:	
Wt	4819	W1	0 Ra	75302	V	CV	K
Name:	Exzellenz	yob/yinc:	83 / 84	Other info:			
Origin:	DEU, Van Waveren			donor:	Pedzinski	Author:	
Wt	4820	W1	0 Ra	75364/95	V	CV	K
Name:	Fridol	yob/yinc:	83 / 84	Other info:			
Origin:	NLD, Royal Sluis			donor:	Pedzinski	Author:	
Wt	4821	W1	0 Ra	75389	V	CV	K
Name:	Fridol	yob/yinc:	83 / 84	Other info:			
Origin:	NLD, Sluis & Groot			donor:	Pedzinski	Author:	
Wt	4822	W1	0 Ra	75319	L	CO	K
Name:	Frimento	yob/yinc:	83 / 84	Other info:			
Origin:	NLD, Royal Sluis			donor:	Pedzinski	Author:	
Wt	4823	W1	0 Ra	75293	V	CV	K
Name:	Frivita	yob/yinc:	83 / 84	Other info:			
Origin:	DEU, Sperling			donor:	Pedzinski	Author:	
Wt	4824	W1	0 Ra	75347	V	CV	K
Name:	Galaxie	yob/yinc:	83 / 84	Other info:			
Origin:	USA, Rogers			donor:	Pedzinski	Author:	
Wt	4825	W1	0 Ra	75303	V	CV	K
Name:	Karina	yob/yinc:	83 / 84	Other info:			
Origin:	NLD, Nunhems Zaden			donor:	Pedzinski	Author:	
Wt	4826	W1	0 Ra	75321	V	CV	K
Name:	Kelvedon Wonder	yob/yinc:	83 / 84	Other info:			
Origin:	NLD, Royal Sluis			donor:	Pedzinski	Author:	
Wt	4827	W1	0 Ra	75318	L	CO	K
Name:	Kobold	yob/yinc:	83 / 84	Other info:			
Origin:	DEU			donor:	Pedzinski	Author:	
Wt	4828	W1	0 Ra	75113	V	CV	K
Name:	Laser	yob/yinc:	83 / 84	Other info:			
Origin:	POL, Radzikow			donor:	Pedzinski	Author:	

SP: sativum L. s. l.
 SSP: sativum
 CONV: medullare
 VAR: pervicax

					CLASS IFICATION	TYPE	MAINTE NANCE	TYPE OF USAGE
Wt	4829	W1	0	Ra	75337/95	V	CV	K
Name:	Libuchowickij	yob/yinc:	83 / 84	Other info:				
	Urodnyj							
Origin:	CSK			donor:	Pedzinski	Author:		
Wt	4830	W1	0	Ra	75301	V	CV	K
Name:	Lowarex	yob/yinc:	83 / 84	Other info:				
Origin:	DEU, Van Waveren			donor:	Pedzinski	Author:		
Wt	4831	W1	0	Ra	75359/95	V	CV	K
Name:	Lowadies	yob/yinc:	83 / 84	Other info:				
Origin:	DEU, Van Waveren			donor:	Pedzinski	Author:		
Wt	4832	W1	0	Ra	75352	V	CV	K
Name:	Maritza 68	yob/yinc:	83 / 84	Other info:				
Origin:	BGR			donor:	Pedzinski	Author:		
Wt	4833	W1	0	Ra	75296	V	CV	K
Name:	Merveille den Kelvedon	yob/yinc:	83 / 84	Other info:				
Origin:	NLD, V. der Ploeg			donor:	Pedzinski	Author:		
Wt	4834	W1	0	Ra	75363	V	CV	K
Name:	Minarette	yob/yinc:	83 / 84	Other info:				
Origin:	NLD, Sluis & Groot			donor:	Pedzinski	Author:		
Wt	4835	W1	0	Ra	75300	V	CV	K
Name:	Mingomark	yob/yinc:	83 / 84	Other info:				
Origin:	DEU, Van Waveren			donor:	Pedzinski	Author:		
Wt	4836	W1	0	Ra	75378	V	CV	K
Name:	Morse's Nr 60	yob/yinc:	83 / 84	Other info:				
Origin:	USA, Terry Morse			donor:	Pedzinski	Author:		
Wt	4837	W1	0	Ra	75111	V	CV	K
Name:	Nefryt	yob/yinc:	83 / 84	Other info:				
Origin:	POL, Nochowo			donor:	Pedzinski	Author:		
Wt	4838	W1	0	Ra	75314	V	CV	K
Name:	Nots Excelsior	yob/yinc:	83 / 84	Other info:				
Origin:	USA			donor:	Pedzinski	Author:		
Wt	4839	W1	0	Ra	75323	V	CV	K
Name:	Nunhems Angela	yob/yinc:	83 / 84	Other info:				
Origin:	NLD, Nunhems Zaden			donor:	Pedzinski	Author:		

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SP: sativum L. s. l.
 SSP: sativum
 CONV: medullare
 VAR: pervicax

					CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	4840	W1	0	Ra	75373	V	CV	K
Name:	Nunhems Elvy	yob/yinc:	83 / 84	Other info:				
Origin:	NLD, Nunhems Zaden	donor:		Author:	Pedzinski			
Wt	4841	W1	0	Ra	75343/95	V	CV	K
Name:	Parade	yob/yinc:	83 / 84	Other info:				
Origin:	NLD, Nunhems Zaden	donor:		Author:	Pedzinski			
Wt	4842	W1	0	Ra	75362	V	CV	K
Name:	Perfected Freezer	yob/yinc:	83 / 84	Other info:				
Origin:	USA, Harris	donor:		Author:	Pedzinski			
Wt	4844	W1	0	Ra	77608/08	V	CV	K
Name:	Piki	yob/yinc:	83 / 84	Other info:				
Origin:	DDR	donor:		Author:	Pedzinski			
Wt	4845	W1	0	Ra	75306	V	CV	K
Name:	Pilot	yob/yinc:	83 / 84	Other info:				
Origin:	DDR	donor:		Author:	Pedzinski			
Wt	4847	W1	0	Ra	75360	V	CV	K
Name:	Pirouette	yob/yinc:	83 / 84	Other info:				
Origin:	NLD, Sluis & Groot	donor:		Author:	Pedzinski			
Wt	4848	W1	0	Ra	75310	V	CV	K
Name:	Presto	yob/yinc:	83 / 84	Other info:				
Origin:	DEU, Van Waveren	donor:		Author:	Pedzinski			
Wt	4849	W1	0	Ra	75299	V	CV	K
Name:	Prinsa	yob/yinc:	83 / 84	Other info:				
Origin:	DEU, Van Waveren	donor:		Author:	Pedzinski			
Wt	4850	W1	0	Ra	75339	V	CV	K
Name:	Ralca	yob/yinc:	83 / 84	Other info:				
Origin:	NLD, Sluis & Groot	donor:		Author:	Pedzinski			
Wt	4851	W1	0	Ra	75307	L	CO	K
Name:	Rurik	yob/yinc:	83 / 84	Other info:				
Origin:	NLD, Sluis & Groot	donor:		Author:	Pedzinski			
Wt	4852	W1	0	Ra	75342	V	CV	K
Name:	Shasta	yob/yinc:	83 / 84	Other info:				
Origin:	CSK	donor:		Author:	Pedzinski			

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SP: sativum L. s. l.
 SSP: sativum
 CONV: medullare
 VAR: pervicax

					CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	4853	W1	0 Ra	75308/95	V	CV	K	
Name:	Stop	yob/yinc:	83 / 84	Other info:				
Origin:	DEU, Van Waveren	donor:	Pedzinski	Author:				
Wt	4854	W1	0 Ra	75311	V	CV	K	
Name:	Tartan	yob/yinc:	83 / 84	Other info:				
Origin:	DEU, Van Waveren	donor:	Pedzinski	Author:				
Wt	4855	W1	0 Ra	75324	V	CV	K	
Name:	Torget	yob/yinc:	83 / 84	Other info:				
Origin:	NLD, Sluis & Groot	donor:	Pedzinski	Author:				
Wt	4856	W1	0 Ra	75370	V	CV	K	
Name:	Trintella	yob/yinc:	83 / 84	Other info:				
Origin:	NLD, Royal Sluis	donor:	Pedzinski	Author:				
Wt	4857	W1	0 Ra	75309	V	CV	K	
Name:	Urgenta	yob/yinc:	83 / 84	Other info:				
Origin:	NLD, Sluis & Groot	donor:	Pedzinski	Author:				
Wt	4858	W1	0 Ra	75381	V	CV	K	
Name:	Wando	yob/yinc:	83 / 84	Other info:				
Origin:	USA	donor:	Pedzinski	Author:				
Wt	4859	W1	0 Ra	75305	V	CV	K	
Name:	Waverens Titan II	yob/yinc:	83 / 84	Other info:				
Origin:	DEU	donor:	Pedzinski	Author:				
Wt	4860	W1	0 Ra	75390	V	CV	K	
Name:	Waverex	yob/yinc:	83 / 84	Other info:				
Origin:	DEU	donor:	Pedzinski	Author:				
Wt	4861	W1	0 Ra	75297	V	CV	K	
Name:	Wunder von Amerika	yob/yinc:	83 / 84	Other info:				
Origin:		donor:	Pedzinski	Author:				
Wt	4862	W1	0 Ra	75383	V	CV	K	
Name:	Wunder von Weissenfelds	yob/yinc:	83 / 84	Other info:				
Origin:	DDR	donor:	Pedzinski	Author:				
Wt	4863	W1	0 Ra	77128/00	V	CV	K	
Name:	Vitalette Neu	yob/yinc:	83 / 84	Other info:				
Origin:	NLD, Sluis & Groot	donor:	Pedzinski	Author:				

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SP: sativum L. s. l.
 SSP: sativum
 CONV: medullare
 VAR: pervicax

					CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	4866	Wl	0 Ra	75413	V	CV	K	
Name:	Salout	yob/yinc:	83 / 84	Other info:				
Origin:		donor:			Pedzinski	Author:		
Wt	4867	Wl	0 Ra	75415	V	CV	K	
Name:	Pegaz (R.4122)	yob/yinc:	83 / 84	Other info:				
Origin:		donor:			Pedzinski	Author:		
Wt	4869	Wl	0 Ra	75420	V	CV	K	
Name:	Burpeeria Early	yob/yinc:	83 / 84	Other info:				
Origin:	Burpee Seeds	donor:			Pedzinski	Author:		
Wt	4871	Wl	0 Ra	75421/95	V	XD	K	
Name:	D-531	yob/yinc:	83 / 84	Other info:				
Origin:	NLD, Sluis & Groot	donor:			Pedzinski	Author:		
Wt	4872	Wl	0 Ra	75423/95	V	CV	K	
Name:	Almires	yob/yinc:	83 / 84	Other info:				
Origin:	NLD, Royal Sluis	donor:			Pedzinski	Author:		
Wt	4873	Wl	0 Ra	75429	V	CV	K	
Name:	Postillon	yob/yinc:	83 / 84	Other info:				
Origin:	NLD, Royal Sluis	donor:			Pedzinski	Author:		
Wt	4874	Wl	0 Ra	75457	V	CV	K	
Name:	William Hurst	yob/yinc:	83 / 84	Other info:				
Origin:	Ohlsens Enke	donor:			Pedzinski	Author:		
Wt	4875	Wl	0 Ra	75467	V	CV	K	
Name:	Early Dwarf	yob/yinc:	83 / 84	Other info:				
Origin:	Burpee Seeds	donor:			Pedzinski	Author:		
Wt	4876	Wl	0 Ra	75477/95	V	CV	K	
Name:	Gisella	yob/yinc:	83 / 84	Other info:				
Origin:	Nunhems Zaden	donor:			Pedzinski	Author:		
Wt	4877	Wl	0 Ra	75488	V	XD	K	
Name:	W - 44 - T	yob/yinc:	83 / 84	Other info:				
Origin:	POL, Ilowiec	donor:			Pedzinski	Author:		
Wt	4878	Wl	0 Ra	77278/01	V	XD	K	
Name:	Stamm 62/878	yob/yinc:	83 / 84	Other info:				
Origin:	DDR	donor:			Pedzinski	Author:		

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SP: sativum L. s. l.
 SSP: sativum
 CONV: medullare
 VAR: pervicax

					CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	4879	W1	0	Ra 75491/95	V	XD	K	
Name:	Stamm 90	yob/yinc:	83 / 84	Other info:				
Origin:	DDR	donor:			Pedzinski	Author:		
Wt	4880	W1	0	Ra 75512/95	V	XD	K	
Name:	W - 44 - 0	yob/yinc:	83 / 84	Other info:				
Origin:	POL, Ilowiec	donor:			Pedzinski	Author:		
Wt	4881	W1	0	Ra 77609/08	V	CV	K	
Name:	Stratagem	yob/yinc:	83 / 85	Other info:				
Origin:	Charles Scharpee	donor:			Pedzinski	Author:		
Wt	4882	W1	0	Ra 75517/95	V	CV	K	
Name:	Lurigo	yob/yinc:	83 / 85	Other info:				
Origin:	Gebruder Dippe	donor:			Pedzinski	Author:		
Wt	4883	W1	0	Ra 75519/95	V	CV	K	
Name:	Ten /Nr. 914/	yob/yinc:	83 / 85	Other info:				
Origin:	NLD, Royal Sluis	donor:			Pedzinski	Author:		
Wt	4884	W1	0	Ra 75530	V	XD	K	
Name:	16 - 2	yob/yinc:	83 / 85	Other info:				
Origin:	USA	donor:			Pedzinski	Author:		
Wt	4885	W1	0	Ra 75531/95	V	CV	K	
Name:	Fenland Wonder	yob/yinc:	83 / 85	Other info:				
Origin:	GBR	donor:			Pedzinski	Author:		
Wt	4886	W1	0	Ra 75536/95	V	CV	K	
Name:	Rivalin	yob/yinc:	83 / 85	Other info:				
Origin:	DEU, Van Waveren	donor:			Pedzinski	Author:		
Wt	4887	W1	0	Ra 75538/95	V	CV	K	
Name:	Stamm 69/366	yob/yinc:	83 / 85	Other info:				
Origin:	DDR	donor:			Pedzinski	Author:		
Wt	4888	W1	0	Ra 75539/95	V	CV	K	
Name:	Stamm 69/283	yob/yinc:	83 / 85	Other info:				
Origin:	DDR	donor:			Pedzinski	Author:		
Wt	4889	W1	0	Ra 75540/95	V	CV	K	
Name:	Nunhems Parade	yob/yinc:	83 / 85	Other info:				
Origin:	Nunhems Zaden	donor:			Pedzinski	Author:		

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SP: sativum L. s. l.
 SSP: sativum
 CONV: medullare
 VAR: pervicax

				CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	4890 W1	0	Ra 75543/95	V	XD	K	
Name:	P-50-SO	yob/yinc:	83 / 85	Other info:			
Origin:	POL, Ilowiec			donor:	Pedzinski	Author:	
Wt	4891 W1	0	Ra 75545	V	CV	K	
Name:	Topaz	yob/yinc:	83 / 85	Other info:			
Origin:	Hada x Szlachetna Perla			donor:	Pedzinski	Author:	Wachowiak, Janiec
Wt	4892 W1	0	Ra 75106	V	CV	K	
Name:	Nora	yob/yinc:	83 / 85	Other info:			
Origin:	POL, Pawlowice			donor:	Pedzinski	Author:	
Wt	4893 W1	0	Ra 75551	V	CV	K	
Name:	Meteor	yob/yinc:	83 / 85	Other info:			
Origin:	Delisa x Eispearl			donor:	Piotrowski	Author:	Piotrowski, Kepinska
Wt	4894 W1	0	Ra	V	CV	K	
Name:	Grenadier	yob/yinc:	83 / 85	Other info:			
Origin:	USA			donor:	Marx	Author:	
Wt	4895 W1	0	Ra 75553	V	CV	K	
Name:	Sussex	yob/yinc:	83 / 85	Other info:			50 40 81
Origin:	W. Brothertoon Seed			donor:	USA	Author:	
Wt	4896 W1	0	Ra 75554/95	V	CV	K	
Name:	Confidence	yob/yinc:	83 / 85	Other info:			
Origin:				donor:		Author:	
Wt	4897 W1	0	Ra 75109	V	CV	K	
Name:	Pegaz	yob/yinc:	83 / 85	Other info:			
Origin:				donor:		Author:	
Wt	4898 W1	0	Ra 75556/95	V	CV	K	
Name:	Sublima	yob/yinc:	83 / 85	Other info:			
Origin:	DEU			donor:	B.Nebelung	Author:	
Wt	4899 W1	0	Ra 75557	V	CV	K	
Name:	Iweta	yob/yinc:	83 / 85	Other info:			
Origin:	Delisa II x Gloriosa			donor:	Piotrowski	Author:	Piotrowski, Kepinska
Wt	4900 W1	0	Ra 77279/01	V	CV	K	
Name:	Promina	yob/yinc:	83 / 85	Other info:			
Origin:				donor:	IHAR	Author:	

PISUM COLLECTION WIATROWO - TAXONOMY

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SP: sativum L. s. l.
 SSP: sativum
 CONV: medullare
 VAR: pervicax

					CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	4901 W1	0 Ra	77610/08	V		CV	K	
Name:	Witham Wonder Tall	yob/yinc:	83 / 85	Other info:				
Origin:				donor:	IHAR	Author:		
Wt	4902 W1	0 Ra	77611/08	V		CV	K	
Name:	Czajka	yob/yinc:	83 / 85	Other info:				
Origin:				donor:	IHAR	Author:		
Wt	4903 W1	0 Ra	75986/94	V		CV	K	
Name:	Oneida	yob/yinc:	83 / 85	Other info:				
Origin:				donor:	IHAR	Author:		
Wt	4904 W1	0 Ra	77612/08	V		CV	K	
Name:	Alaska Sweet	yob/yinc:	83 / 85	Other info:				
Origin:	USA			donor:	Beltsville	Author:	Rogers Brothers Seed	
Wt	4905 W1	0 Ra	75164	V		CV	K	
Name:	Lorino	yob/yinc:	83 / 85	Other info:				
Origin:				donor:	Ilowiec	Author:		
Wt	4906 W1	0 Ra	77180/00	L		PO	K	
Name:	H.P.	yob/yinc:	83 / 85	Other info:				
Origin:				donor:	Slincard	Author:		
Wt	4907 W1	0 Ra	76122/96	L		PO	K	
Name:	H.P.	yob/yinc:	83 / 85	Other info:				
Origin:				donor:	Slincard	Author:		
Wt	4908 W1	0 Ra	77613/08	L		PO	K	
Name:	H.P.	yob/yinc:	83 / 85	Other info:				
Origin:				donor:	Slincard	Author:		
Wt	4909 W1	Ra	77614/08	L		CO	K	
Name:	E 0-977	yob/yinc:	86 / 88	Other info:				20013
Origin:	POL, Tarnogora			donor:	Kowalczyk	Author:		
Wt	4910 W1	Ra	75624	V		CV	K	
Name:	Polar	yob/yinc:	84 / 88	Other info:				20021
Origin:	POL			donor:	Pedzinski	Author:		
Wt	4911 W1	Ra	75794/88	V		CV	K	
Name:	Delier des Conserwes	yob/yinc:	87 / 88	Other info:				20046
Origin:	FRA			donor:	BGRC 29683	Author:		

PISUM COLLECTION WIATROWO - TAXONOMY

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SP: sativum L. s. l.
 SSP: sativum
 CONV: medullare
 VAR: pervicax

				CLASS IFICATION	TYPE	MAINTE NANCE	TYPE OF USAGE
Wt	4912 W1	Ra	77615/08	V	CV	K	
Name:	Charger	yob/yinc:	87 / 88	Other info:			20062
Origin:	DEU			donor:	BGRC 48607	Author:	
Wt	4913 W1	Ra	77616/08	V	CV	K	
Name:	Despe	yob/yinc:	87 / 88	Other info:			20064
Origin:	DEU			donor:	BGRC 48618	Author:	
Wt	4916 W1	Ra	77617/08	V	CV	K	
Name:	Scinado	yob/yinc:	89 / 90	Other info:			
Origin:	NLD			donor:	SluisGroot	Author:	
Wt	4917 W1	Ra	75895/95	V	CV	K	
Name:	Jof	yob/yinc:	89 / 90	Other info:			
Origin:	NLD			donor:	SluisGroot	Author:	
Wt	4918 W1	Ra	75936/94	V	CV	K	
Name:	Drobinka	yob/yinc:	90 / 90	Other info:			
Origin:	(Delisa IIx Boerdi)x Boerdi			donor:	Zielonki	Author:	Piotrowski,Kielpinsk
Wt	4919 W1	Ra	75987/94	V	CV	K	
Name:	Pionier	yob/yinc:	90 / 91	Other info:			
Origin:	Pickardie x Laser; POL			donor:	Nochowo	Author:	Pedzinski
Wt	4920 W1	Ra	76290/95	V	CV	K	
Name:	Vip	yob/yinc:	88 / 94	Other info:			
Origin:	ITA, DI Portici			donor:	Zielonki	Author:	

PISUM COLLECTION WIATROWO - TAXONOMY

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SP: sativum L. s. l.
SSP: sativum
CONV: medullare
VAR: pliculum

					CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	2201	W1	1973	Ra	77452/08	V	CV	K

Name: Tiny

yob/yinc: /

Other info:

Origin:

donor: Lehmann

Author:

PISUM COLLECTION WIATROWO - TAXONOMY

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SP: sativum L. s. l.
 SSP: sativum
 CONV: medullare
 VAR: reginae

					CLASS IFICATION	TYPE	MAINTE NANCE	TYPE OF USAGE
Wt	2251	W1	0	Ra	77061/00	E	PO	K
Name:	Population - 1	yob/yinc:	/	Other info:				
Origin:	ETH, Abyssinia	donor:		Author:	Gentry			
Wt	2252	W1	1974	Ra	77453/08	V	CV	K
Name:	Canners King	yob/yinc:	81 / 81	Other info:				
Origin:		donor:		Author:	Blixt			
Wt	2253	W1	0	Ra	75333	V	CV	K
Name:	Canning Quinn	yob/yinc:	83 / 84	Other info:				
Origin:	GBR	donor:		Author:	Pedzinski			
Wt	2254	W1	0	Ra	75327	V	CV	K
Name:	Obtusy	yob/yinc:	83 / 84	Other info:				
Origin:	Rohde	donor:		Author:	Pedzinski			
Wt	2255	W1	0	Ra	75407	V	CV	K
Name:	NZ-301	yob/yinc:	83 / 84	Other info:				
Origin:	Schaffer	donor:		Author:	Pedzinski			
Wt	2256	W1	0	Ra	75417	V	CV	K
Name:	Gloriosa	yob/yinc:	83 / 84	Other info:				
Origin:		donor:		Author:	Pedzinski			
Wt	2257	W1	0	Ra	75475	V	CV	K
Name:	Rasa	yob/yinc:	83 / 84	Other info:				
Origin:	POL, Radzikow	donor:		Author:	Pedzinski			
Wt	2258	W1	0	Ra	75522	V	CV	K
Name:	Roi de Halles	yob/yinc:	83 / 85	Other info:				
Origin:	Vilmorin	donor:		Author:	Pedzinski			
Wt	2259	W1	0	Ra	75533	V	CV	K
Name:	Delicieux	yob/yinc:	83 / 85	Other info:				
Origin:	Vilmorin	donor:		Author:	Pedzinski			
Wt	2260	W1	0	Ra	75534	V	CV	K
Name:	Kelvedon Perfection	yob/yinc:	83 / 85	Other info:				
Origin:	GBR	donor:		Author:	Pedzinski			
Wt	2261	W1	0	Ra	75542	V	CV	K
Name:	Suttons Best of All	yob/yinc:	83 / 85	Other info:				
Origin:	GBR	donor:		Author:	Pedzinski			

PISUM COLLECTION WIATROWO - TAXONOMY

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SP: sativum L. s. l.
 SSP: sativum
 CONV: medullare
 VAR: reginae

					CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	2262	W1	0 Ra	77454/08	V	CV	K	
Name:	Willet's Wonder	yob/yinc:	83 / 85	Other info:				
Origin:				donor:	IHAR	Author:		
Wt	2263	W1	0 Ra	76083/96	V	CV	K	
Name:	Rannyj Gribowskij 11	yob/yinc:	83 / 85	Other info:				
Origin:				donor:	IHAR	Author:		
Wt	2264	W1	0 Ra	77238/01	V	CV	K	
Name:	Tafelfreude	yob/yinc:	83 / 85	Other info:				
Origin:				donor:	IHAR	Author:		
Wt	2265	W1	0 Ra	77455/08	V	CV	K	
Name:	Weillingsdaisy	yob/yinc:	83 / 85	Other info:				
Origin:				donor:	IHAR	Author:		
Wt	2266	W1	0 Ra	76190/97	V	CV	K	
Name:	Bliss Abundance	yob/yinc:	83 / 85	Other info:				
Origin:				donor:	IHAR	Author:		
Wt	2267	W1	Ra	77456/08	L	CO	K	
Name:	E 1459	yob/yinc:	86 / 91	Other info:				
Origin:	Korzenica, W. Ko pko, POL			donor:	ZKZG-IHAR	Author:		
Wt	2268	W1	0 Ra	77186/00	L	CO	K	
Name:	Panowa 20	yob/yinc:	99 / 00	Other info:				ela49324elo22253
Origin:	POL, Podkarpacie,			donor:	IHAR	Author:		
Wt	2269	W1	Ra	77471/08	L	PO	K	
Name:	POLTAROO	yob/yinc:	02 / 04	Other info:				
Origin:	POL, IHAR			donor:		Author:		
Wt	2270	W1	0 Ra	77729/04	L	PO	K	
Name:	POLAUG 01-93	yob/yinc:	02 / 04	Other info:				
Origin:	POL, IHAR			donor:		Author:		

PISUM COLLECTION WIATROWO - TAXONOMY

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SP: sativum L. s. l.
 SSP: sativum
 CONV: medullare
 VAR: schneebergeri

					CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	2301	W1	0	Ra	75637	V	CV	K
Name:	Old Perfection	yob/yinc:	/ 71	Other info:				
Origin:	GBR			donor:	Lehmann	Author:		
Wt	2302	W1	0	Ra	77457/08	V	CV	K
Name:	Fackel	yob/yinc:	/ 72	Other info:				
Origin:	Germany			donor:	Lehmann	Author:		
Wt	2303	W1	0	Ra	75121/82	V	CV	K
Name:	Dunkelgruen Mai	yob/yinc:	/	Other info:				
Origin:	Germany			donor:	Lehmann	Author:		
Wt	2304	W1	0	Ra	75179/95	V	CV	K
Name:	Pobeditel G-33	yob/yinc:	73 / 74	Other info:				
Origin:	SUN			donor:	VIR	Author:		
Wt	2305	W1	0	Ra	75180/95	V	CV	K
Name:	Pouget (441)	yob/yinc:	73 / 74	Other info:				
Origin:	FRA			donor:	Snoad	Author:		
Wt	2306	W1	0	Ra	75958/94	V	CV	K
Name:	Satsuma	yob/yinc:	73 / 74	Other info:				
Origin:	JPN			donor:	Snoad	Author:		
Wt	2307	W1	0	Ra	76117/95	E	PO	K
Name:	Population - 1 (6627)	yob/yinc:	73 / 74	Other info:				
Origin:	DZA			donor:	VIR	Author:		
Wt	2308	W1	0	Ra	76191/97	V	CV	K
Name:	Early Bogdar (6554)	yob/yinc:	73 / 74	Other info:				
Origin:	IND			donor:	VIR	Author:		
Wt	2309	W1	0	Ra	76202/98	E	PO	K
Name:	Population - 2	yob/yinc:	73 / 74	Other info:				
Origin:	TUR			donor:	Izmir	Author:		
Wt	2310	W1	0	Ra	77458/08	E	PO	K
Name:	Population - 3	yob/yinc:	/	Other info:				
Origin:	USA			donor:	Marx	Author:		
Wt	2311	W1	0	Ra	77459/08	V	CV	K
Name:	Onward	yob/yinc:	73 / 74	Other info:				
Origin:	GBR			donor:	Lehmann	Author:		

PISUM COLLECTION WIATROWO - TAXONOMY

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SP: sativum L. s. l.
 SSP: sativum
 CONV: medullare
 VAR: schneebergeri

					CLASS IFICATION	TYPE	MAINTE NANCE	TYPE OF USAGE
Wt	2312	W1	0	Ra	75181/95	E	PO	K
Name:	Population - 4	yob/yinc:	/	Other info:				
Origin:	POL	donor:		Author:	Nowacki			
Wt	2313	W1	0	Ra	75182	V	CV	K
Name:	Delikatess Doppelhuelsige	yob/yinc:	73 / 74	Other info:				
Origin:	Germany	donor:		Author:	Lehmann			
Wt	2314	W1	0	Ra	75007	V	CV	K
Name:	Dark Skin Perfection	yob/yinc:	73 / 74	Other info:				
Origin:	GBR	donor:		Author:	Lehmann			
Wt	2315	W1	2647	Ra	77460/08	V	CV	K
Name:	Pride	yob/yinc:	73 / 74	Other info:				
Origin:	Weissenfels	donor:		Author:	Lehmann			
Wt	2316	W1	0	Ra	75183	V	CV	K
Name:	Peter Pan	yob/yinc:	73 / 74	Other info:				
Origin:	GBR	donor:		Author:				
Wt	2317	W1	0	Ra	77461/08	L	PO	K
Name:	Ek-1	yob/yinc:	73 / 74	Other info:				
Origin:		donor:		Author:				
Wt	2318	W1	0	Ra	75184	V	CV	K
Name:	Cadet	yob/yinc:	73 / 74	Other info:				
Origin:	Richmond	donor:		Author:	Aitken			
Wt	2319	W1	1884	Ra	77062/00	L	CO	K
Name:		yob/yinc:	81 / 81	Other info:				
Origin:	Hindukusch	donor:		Author:				
Wt	2320	W1	0	Ra	77239/01	E	PO	K
Name:	Population - 5	yob/yinc:	73 / 74	Other info:				
Origin:	Wisconsin	donor:		Author:	Marx			
Wt	2321	W1	0	Ra	75185	E	PO	K
Name:	Izmir 2	yob/yinc:	/ 72	Other info:				
Origin:	TUR	donor:		Author:	Izmir			
Wt	2322	W1	0	Ra	75186	E	PO	K
Name:	Population - 6 (6627)	yob/yinc:	73 / 74	Other info:				
Origin:	SUN	donor:		Author:	VIR			

PISUM COLLECTION WIATROWO - TAXONOMY

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SP: sativum L. s. l.
 SSP: sativum
 CONV: medullare
 VAR: schneebergeri

					CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	2323	W1	0 Ra	76194/97	E	PO	K	
Name:	Population - 7 (121)	yob/yinc:	/	Other info:				
Origin:	IND			donor:	Sharma	Author:		
Wt	2324	W1	0 Ra	77462/08	E	PO	K	
Name:	Population - 8 (134)	yob/yinc:	/	Other info:				
Origin:	IND			donor:	Sharma	Author:		
Wt	2325	W1	0 Ra	76028/94	V	CV	K	
Name:	Viabona	yob/yinc:	/	Other info:				
Origin:	FRA			donor:	Cousin	Author:		
Wt	2327	W1	0 Ra	77463/08	V	CV	K	
Name:	Kebby	yob/yinc:	/	Other info:				
Origin:	NLD			donor:	Cousin	Author:		
Wt	2328	W1	0 Ra	77240/01	V	CV	K	
Name:	Telefon Dwarf	yob/yinc:	/	Other info:				
Origin:	USA			donor:	Cousin	Author:		
Wt	2329	W1	0 Ra	77464/08	V	CV	K	
Name:	Lorka	yob/yinc:	/	Other info:				
Origin:	DEU			donor:	Cousin	Author:		
Wt	2330	W1	0 Ra	75638	V	CV	K	
Name:	Relance	yob/yinc:	/	Other info:				
Origin:	DEU			donor:	Cousin	Author:		
Wt	2331	W1	2285 Ra	77063/00	V	CV	K	
Name:	Lancet	yob/yinc:	/	Other info:				
Origin:	DEU			donor:	Cousin	Author:		
Wt	2333	W1	0 Ra		V	CV	K	
Name:	Tezieridee	yob/yinc:	/	Other info:				
Origin:	FRA			donor:	Cousin	Author:		
Wt	2334	W1	0 Ra	75639	V	CV	K	
Name:	Union Jack	yob/yinc:	/	Other info:				
Origin:	GBR			donor:	Cousin	Author:		
Wt	2335	W1	0 Ra	75754/88	V	CV	K	
Name:	Uladowskij M III	yob/yinc:	/	Other info:				
Origin:	SUN			donor:	VIR	Author:		

PISUM COLLECTION WIATROWO - TAXONOMY

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SP: sativum L. s. l.
 SSP: sativum
 CONV: medullare
 VAR: schneebergeri

				CLASS IFICATION	TYPE	MAINTE NANCE	TYPE OF USAGE
Wt	2336	W1	0 Ra	77465/08	E	PO	K
Name:	Population - 9	yob/yinc:	/	Other info:			
Origin:	Wisconsin			donor:	Marx	Author:	
Wt	2337	W1	2185 Ra	77466/08	L	CV	K
Name:	New Wales	yob/yinc:	79 / 80	Other info:			
Origin:				donor:	Blixt	Author:	
Wt	2338	W1	2186 Ra	77467/08	L	CV	K
Name:	New Season	yob/yinc:	79 / 80	Other info:			
Origin:				donor:	Blixt	Author:	
Wt	2340	W1	0 Ra	75377	L	CV	K
Name:	Alderman	yob/yinc:	83 / 84	Other info:			
Origin:	DNK, Ohlsens Enke			donor:	Pedzinski	Author:	
Wt	2341	W1	0 Ra	75341	L	CV	K
Name:	Asterix	yob/yinc:	83 / 84	Other info:			
Origin:	NLD, Royal Sluis			donor:	Pedzinski	Author:	
Wt	2342	W1	0 Ra	75312	L	CV	K
Name:	Banguet	yob/yinc:	83 / 84	Other info:			
Origin:	USA, Harris			donor:	Pedzinski	Author:	
Wt	2343	W1	0 Ra	75110/95	L	CV	K
Name:	Beniaminek	yob/yinc:	83 / 84	Other info:			
Origin:	POL, Nochowo			donor:	Pedzinski	Author:	
Wt	2344	W1	0 Ra	75354/95	L	CV	K
Name:	Bodeperle	yob/yinc:	83 / 84	Other info:			
Origin:	DDR			donor:	Pedzinski	Author:	
Wt	2345	W1	0 Ra	77241/01	L	CV	K
Name:	Canners Perfection	yob/yinc:	83 / 84	Other info:			
Origin:	GBR			donor:	Pedzinski	Author:	
Wt	2346	W1	0 Ra	75345/95	L	CV	K
Name:	Combiklein	yob/yinc:	83 / 84	Other info:			
Origin:	DEU, Gebruder Dippe			donor:	Pedzinski	Author:	
Wt	2347	W1	0 Ra	75366/95	L	CV	K
Name:	Combina (R)	yob/yinc:	83 / 84	Other info:			
Origin:	DEU, Gebruder Dippe			donor:	Pedzinski	Author:	

PISUM COLLECTION WIATROWO - TAXONOMY

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SP: sativum L. s. l.
 SSP: sativum
 CONV: medullare
 VAR: schneebergeri

					CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	2348	W1	0 Ra	75355	L	CV	K	
Name:	Deli	yob/yinc:	83 / 84	Other info:				
Origin:	DDR	donor:		Pedzinski	Author:			
Wt	2349	W1	0 Ra	75331	L	CV	K	
Name:	Dipplex	yob/yinc:	83 / 84	Other info:				
Origin:	DEU, Gebruder Dippe	donor:		Pedzinski	Author:			
Wt	2350	W1	0 Ra	75332	L	CV	K	
Name:	Frila	yob/yinc:	83 / 84	Other info:				
Origin:	NLD, Royal Sluis	donor:		Pedzinski	Author:			
Wt	2351	W1	0 Ra	75385	L	CV	K	
Name:	Foli	yob/yinc:	83 / 84	Other info:				
Origin:	FRA, Vilmorin	donor:		Pedzinski	Author:			
Wt	2352	W1	0 Ra	77242/01	L	CV	K	
Name:	Frizette	yob/yinc:	83 / 84	Other info:				
Origin:	NLD, Sluis & Groot	donor:		Pedzinski	Author:			
Wt	2353	W1	0 Ra	75313	L	CV	K	
Name:	Frostar RS	yob/yinc:	83 / 84	Other info:				
Origin:	NLD, Royal Sluis	donor:		Pedzinski	Author:			
Wt	2354	W1	0 Ra	75379/95	L	CV	K	
Name:	Gottinga	yob/yinc:	83 / 84	Other info:				
Origin:	DEU, Schafer	donor:		Pedzinski	Author:			
Wt	2355	W1	0 Ra	75369/95	L	CV	K	
Name:	Gravita	yob/yinc:	83 / 84	Other info:				
Origin:	DEU, Sperling	donor:		Pedzinski	Author:			
Wt	2356	W1	0 Ra	75365/95	L	CV	K	
Name:	Green Arrow	yob/yinc:	83 / 84	Other info:				
Origin:	CAN, Stokes	donor:		Pedzinski	Author:			
Wt	2357	W1	0 Ra	75387	L	CV	K	
Name:	Herma	yob/yinc:	83 / 84	Other info:				
Origin:	DDR	donor:		Pedzinski	Author:			
Wt	2358	W1	0 Ra	75351	L	CV	K	
Name:	Hydra	yob/yinc:	83 / 84	Other info:				
Origin:	NLD, Sluis & Groot	donor:		Pedzinski	Author:			

PISUM COLLECTION WIATROWO - TAXONOMY

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SP: sativum L. s. l.
 SSP: sativum
 CONV: medullare
 VAR: schneebergeri

				CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	2359	W1	0 Ra	75376/95	L	CV	K
Name:	Hydra	yob/yinc:	83 / 84	Other info:			
Origin:	NLD, Royal Sluis	donor:		Pedzinski	Author:		
Wt	2360	W1	0 Ra	75338	L	CV	K
Name:	Juwel	yob/yinc:	83 / 84	Other info:			
Origin:	DEU, Van Waveren	donor:		Pedzinski	Author:		
Wt	2361	W1	0 Ra	75358	L	CV	K
Name:	Katinka	yob/yinc:	83 / 84	Other info:			
Origin:	NLD, Nunhems Zaden	donor:		Pedzinski	Author:		
Wt	2362	W1	0 Ra	75344	L	CV	K
Name:	Konservnada	yob/yinc:	83 / 84	Other info:			
Origin:	DEU, Van Waveren	donor:		Pedzinski	Author:		
Wt	2363	W1	0 Ra	75294/95	L	CV	K
Name:	Obvita	yob/yinc:	83 / 84	Other info:			
Origin:	DEU, Sperling	donor:		Pedzinski	Author:		
Wt	2364	W1	0 Ra	75382/95	L	CV	K
Name:	Perfektion Dark Skin	yob/yinc:	83 / 84	Other info:			
Origin:	NLD, Sluis & Groot	donor:		Pedzinski	Author:		
Wt	2365	W1	0 Ra	75391	L	CV	K
Name:	Radar	yob/yinc:	83 / 84	Other info:			
Origin:	POL, Radzikow	donor:		Pedzinski	Author:		
Wt	2366	W1	0 Ra	75335/95	L	CV	K
Name:	Raid	yob/yinc:	83 / 84	Other info:			
Origin:	POL, Radzikow	donor:		Pedzinski	Author:		
Wt	2367	W1	0 Ra	75372	L	CV	K
Name:	Rogers Kay	yob/yinc:	83 / 84	Other info:			
Origin:		donor:		Pedzinski	Author:		
Wt	2368	W1	0 Ra	75356	L	CV	K
Name:	Senateur	yob/yinc:	83 / 84	Other info:			
Origin:	FRA, Vilmorin	donor:		Pedzinski	Author:		
Wt	2369	W1	0 Ra	75368	L	CV	K
Name:	Senator	yob/yinc:	83 / 84	Other info:			
Origin:	NLD, Royal Sluis	donor:		Pedzinski	Author:		

PISUM COLLECTION WIATROWO - TAXONOMY

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SP: sativum L. s. l.
 SSP: sativum
 CONV: medullare
 VAR: schneebergeri

				CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	2370	W1	0 Ra	75388	L	CV	K
Name:	Stratagem	yob/yinc:	83 / 84	Other info:			
Origin:	GBR			donor:	Pedzinski	Author:	
Wt	2371	W1	0 Ra	75374/95	L	CV	K
Name:	Telephone	yob/yinc:	83 / 84	Other info:			
Origin:	FRA, Vilmorin			donor:	Pedzinski	Author:	
Wt	2372	W1	0 Ra	75371	L	CV	K
Name:	Television	yob/yinc:	83 / 84	Other info:			
Origin:	FRA, Vilmorin			donor:	Pedzinski	Author:	
Wt	2373	W1	0 Ra	75353	L	CV	K
Name:	Victory Freezer	yob/yinc:	83 / 84	Other info:			
Origin:	NLD, Sluis & Groot			donor:	Pedzinski	Author:	
Wt	2374	W1	0 Ra	75422	V	CV	K
Name:	Sparkle	yob/yinc:	83 / 84	Other info:			
Origin:	Rogers			donor:	Pedzinski	Author:	
Wt	2375	W1	0 Ra	75431/95	V	CV	K
Name:	Filbasket	yob/yinc:	83 / 84	Other info:			
Origin:	GBR			donor:	Pedzinski	Author:	
Wt	2376	W1	0 Ra	75432	V	CV	K
Name:	Sorte I	yob/yinc:	83 / 84	Other info:			
Origin:	GDR			donor:	Pedzinski	Author:	
Wt	2377	W1	0 Ra	75433	V	CV	K
Name:	Dianty	yob/yinc:	83 / 84	Other info:			
Origin:	NLD, Sluis & Groot			donor:	Pedzinski	Author:	
Wt	2378	W1	0 Ra	75444	V	XD	K
Name:	B - 65	yob/yinc:	83 / 84	Other info:			
Origin:	POL, Pawlowice			donor:	Pedzinski	Author:	
Wt	2379	W1	0 Ra	75459	V	XD	K
Name:	D-929	yob/yinc:	83 / 84	Other info:			
Origin:	NLD, Sluis & Groot			donor:	Pedzinski	Author:	
Wt	2380	W1	0 Ra	75465	V	CV	K
Name:	Felthom First	yob/yinc:	83 / 84	Other info:			
Origin:	GBR			donor:	Pedzinski	Author:	

PISUM COLLECTION WIATROWO - TAXONOMY

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SP: sativum L. s. l.
 SSP: sativum
 CONV: medullare
 VAR: schneebergeri

					CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	2381	W1	0 Ra	75466	V	CV	K	
Name:	Early Onward	yob/yinc:	83 / 84	Other info:				
Origin:	USA			donor:	Pedzinski	Author:		
Wt	2382	W1	0 Ra	75468	V	CV	K	
Name:	Lud-Arme-Green	yob/yinc:	83 / 84	Other info:				
Origin:	NLD, Sluis & Groot			donor:	Pedzinski	Author:		
Wt	2383	W1	0 Ra	75470	V	CV	K	
Name:	Midfreezer	yob/yinc:	83 / 84	Other info:				
Origin:	Rogers			donor:	Pedzinski	Author:		
Wt	2384	W1	0 Ra	77243/01	V	CV	K	
Name:	Small Sieve Freezer	yob/yinc:	83 / 84	Other info:				
Origin:	Rogers			donor:	Pedzinski	Author:		
Wt	2385	W1	0 Ra	75471	V	CV	K	
Name:	Viking	yob/yinc:	83 / 84	Other info:				
Origin:	Callatin Va			donor:	Pedzinski	Author:		
Wt	2386	W1	0 Ra	75473/95	V	XD	K	
Name:	22 - 5	yob/yinc:	83 / 84	Other info:				
Origin:				donor:	Pedzinski	Author:		
Wt	2387	W1	0 Ra	75474	V	CV	K	
Name:	Gierslebener Tafelfreude	yob/yinc:	83 / 84	Other info:				
Origin:				donor:	Pedzinski	Author:		
Wt	2388	W1	0 Ra	75476/95	V	CV	K	
Name:	Sprinter	yob/yinc:	83 / 84	Other info:				
Origin:	Van Waveren			donor:	Pedzinski	Author:		
Wt	2389	W1	0 Ra	75480	V	CV	K	
Name:	Kwartella	yob/yinc:	83 / 84	Other info:				
Origin:	NLD, Royal Sluis			donor:	Pedzinski	Author:		
Wt	2390	W1	0 Ra	75481/95	V	CV	K	
Name:	Verdo	yob/yinc:	83 / 84	Other info:				
Origin:	NLD, Royal Sluis			donor:	Pedzinski	Author:		
Wt	2391	W1	0 Ra	75482/95	V	CV	K	
Name:	Frosty	yob/yinc:	83 / 84	Other info:				
Origin:	Harris			donor:	Pedzinski	Author:		

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SP: sativum L. s. l.
 SSP: sativum
 CONV: medullare
 VAR: schneebergeri

					CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	2392	W1	0 Ra	75484	V	CV	K	
Name:	Anoka	yob/yinc:	83 / 84	Other info:				
Origin:	Northrup King	donor:		Author:	Pedzinski			
Wt	2393	W1	0 Ra	75486	V	CV	K	
Name:	Delwich Komando	yob/yinc:	83 / 84	Other info:				
Origin:	DDR	donor:		Author:	Pedzinski			
Wt	2394	W1	0 Ra	75487	V	CV	K	
Name:	Gladiator	yob/yinc:	83 / 84	Other info:				
Origin:	GBR	donor:		Author:	Pedzinski			
Wt	2395	W1	0 Ra	75561/95	V	CV	K	
Name:	Surprise Dark Podded	yob/yinc:	83 / 84	Other info:				
Origin:	GBR, CH. Sharpee	donor:		Author:	Pedzinski			
Wt	2396	W1	0 Ra	75504	V	CV	K	
Name:	Heinrichow Ranyj	yob/yinc:	83 / 84	Other info:				
Origin:	CSK	donor:		Author:	Pedzinski			
Wt	2397	W1	0 Ra	75506/95	V	CV	K	
Name:	Sorte II	yob/yinc:	83 / 84	Other info:				
Origin:	DDR	donor:		Author:	Pedzinski			
Wt	2398	W1	0 Ra	75507	V	CV	K	
Name:	69 - 3	yob/yinc:	83 / 84	Other info:				
Origin:	USA	donor:		Author:	Pedzinski			
Wt	2399	W1	0 Ra	75509/95	V	XD	K	
Name:	Nunhem 1952/70	yob/yinc:	83 / 84	Other info:				
Origin:	Nunhems Zaden	donor:		Author:	Pedzinski			
Wt	2400	W1	0 Ra	75510/95	V	CV	K	
Name:	Hermanowa	yob/yinc:	83 / 84	Other info:				
Origin:	Nossen	donor:		Author:	Pedzinski			
Wt	2621	W1	0 Ra	75511	V	XD	K	
Name:	P-50-0	yob/yinc:	83 / 84	Other info:				
Origin:	POL, Ilowiec	donor:		Author:	Pedzinski			
Wt	2622	W1	0 Ra	75513	V	CV	K	
Name:	Vera	yob/yinc:	83 / 84	Other info:				
Origin:		donor:		Author:	Pedzinski			

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SP: sativum L. s. l.
 SSP: sativum
 CONV: medullare
 VAR: schneebergeri

					CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	2623	W1	0 Ra	75514	V	XD	K	
Name:	D-615	yob/yinc:	83 / 84	Other info:				
Origin:	NLD, Sluis & Groot	donor:	Pedzinski	Author:				
Wt	2624	W1	0 Ra	75515	V	CV	K	
Name:	Hyrada	yob/yinc:	83 / 84	Other info:				
Origin:		donor:	Pedzinski	Author:				
Wt	2625	W1	0 Ra	75521	V	CV	K	
Name:	Daisy	yob/yinc:	83 / 85	Other info:				
Origin:	Ohlsens Enke	donor:	Pedzinski	Author:				
Wt	2626	W1	0 Ra	75523	V	CV	K	
Name:	Suttons Show Perfection	yob/yinc:	83 / 85	Other info:				
Origin:	GBR	donor:	Pedzinski	Author:				
Wt	2627	W1	0 Ra	75524	V	XD	K	
Name:	Turkus	yob/yinc:	83 / 85	Other info:				
Origin:		donor:	Pedzinski	Author:	Pedzinski, Nochowo			
Wt	2628	W1	0 Ra	77245/01	V	CV	K	
Name:	Yorkshire Hero	yob/yinc:	83 / 85	Other info:				
Origin:	GBR	donor:	Pedzinski	Author:				
Wt	2629	W1	0 Ra	75532	V	CV	K	
Name:	Delicat	yob/yinc:	83 / 85	Other info:				
Origin:	BRD	donor:	Pedzinski	Author:				
Wt	2630	W1	0 Ra	75537	V	CV	K	
Name:	Jef-Green Marble	yob/yinc:	83 / 85	Other info:				
Origin:	NLD, Sluis & Groot	donor:	Pedzinski	Author:				
Wt	2631	W1	0 Ra	75541	V	XD	K	
Name:	Sorte X	yob/yinc:	83 / 85	Other info:				
Origin:	GDR	donor:	Pedzinski	Author:				
Wt	2632	W1	0 Ra	75547	V	CV	K	
Name:	Ijulski 308	yob/yinc:	83 / 85	Other info:				
Origin:	SUN	donor:	Pedzinski	Author:				
Wt	2633	W1	0 Ra	75548	V	CV	K	
Name:	The Gladstone	yob/yinc:	83 / 85	Other info:				
Origin:	Ch. Sharpee	donor:	Pedzinski	Author:				

PISUM COLLECTION WIATROWO - TAXONOMY

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SP: sativum L. s. l.
 SSP: sativum
 CONV: medullare
 VAR: schneebergeri

				CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	2634 Wl	0 Ra	75550	V	CV	K	
Name:	Telefon	yob/yinc:	83 / 85	Other info:			
Origin:				donor:	Pedzinski	Author:	
Wt	2635 Wl	0 Ra	75552	V	CV	K	
Name:	Dane	yob/yinc:	84 / 85	Other info:			
Origin:	USA, W. Brotherton Seed			donor:		Author:	
Wt	2636 Wl	0 Ra	76211/97	L	PO	K	
Name:	E 0240	yob/yinc:	83 / 85	Other info:			
Origin:				donor:	IHAR	Author:	
Wt	2637 Wl	0 Ra	76203/98	L	PO	K	
Name:	E 0241	yob/yinc:	83 / 85	Other info:			
Origin:				donor:	IHAR	Author:	
Wt	2638 Wl	Ra	75874/89	V	CV	K	
Name:	Senator	yob/yinc:	87 / 88	Other info:			20061
Origin:	DEU			donor:	BGRC 48593	Author:	
Wt	2639 Wl	Ra	75935/89	V	CV	K	
Name:	Kadona	yob/yinc:	90 / 90	Other info:			
Origin:	Turkus*(Multifr. *Late Alaska)			donor:	Zielonki	Author:	Piotrowski,Kielpinsk
Wt	2640 Wl	Ra	75938/94	V	CV	K	
Name:	Kujawiak	yob/yinc:	90 / 90	Other info:			
Origin:	SWE 182			donor:	Swietoslaw	Author:	
Wt	2641 Wl	Ra	76224/97	E	LR	K	
Name:	E 1454	yob/yinc:	87 / 92	Other info:			
Origin:				donor:	ZKZG,IHAR	Author:	
Wt	2642 Wl	Ra	76230/97	E	PO	K	
Name:	G 521/218	yob/yinc:	91 / 92	Other info:			
Origin:	SUN Krasnodar Territory			donor:	VIR 7838	Author:	
Wt	2643 Wl	Ra	77200/00	V	CV	K	
Name:	Starlette	yob/yinc:	99 / 00	Other info:			
Origin:				donor:		Author:	

PISUM COLLECTION WIATROWO - TAXONOMY

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SP: sativum L. s. l.
 SSP: sativum
 CONV: medullare
 VAR: unionis

					CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	2402	W1	0	Ra	76029/94	V	CV	K
Name:	Darantia Kair	yob/yinc:	/	Other info:				
Origin:		donor:		Author:	Lehmann			
Wt	2403	W1	0	Ra	75640	V	CV	K
Name:	Homesteader	yob/yinc:	/	Other info:				
Origin:		donor:		Author:				
Wt	2404	W1	2432	Ra	75755/88	V	CV	K
Name:	Hundredfold	yob/yinc:	/	Other info:				
Origin:	GBR	donor:		Author:	Lehmann			
Wt	2405	W1	1977	Ra	75641	V	CV	K
Name:	Burpees Blue Bantam	yob/yinc:	81 / 81	Other info:				
Origin:		donor:		Author:	Blixt			
Wt	2406	W1	0	Ra	75346/95	V	CV	K
Name:	Burpees Blue Bantam	yob/yinc:	83 / 84	Other info:				
Origin:	USA	donor:		Author:	Pedzinski			
Wt	2407	W1	0	Ra	75330/95	V	CV	K
Name:	Chrestensens Cornel	yob/yinc:	83 / 84	Other info:				
Origin:	GBR	donor:		Author:	Pedzinski			
Wt	2408	W1	0	Ra	75386	V	CV	K
Name:	Giant Stride	yob/yinc:	83 / 84	Other info:				
Origin:	GBR	donor:		Author:	Pedzinski			
Wt	2409	W1	0	Ra	75340	V	CV	K
Name:	Laxtonian	yob/yinc:	83 / 84	Other info:				
Origin:	GBR, Charles Sharpee	donor:		Author:	Pedzinski			
Wt	2410	W1	0	Ra	75336	V	CV	K
Name:	Owoszcznoj 76	yob/yinc:	83 / 84	Other info:				
Origin:	SUN	donor:		Author:	Pedzinski			
Wt	2411	W1	0	Ra	75350/95	V	CV	K
Name:	Pioneier	yob/yinc:	83 / 84	Other info:				
Origin:	GBR	donor:		Author:	Pedzinski			
Wt	2412	W1	0	Ra	76143/95	V	CV	K
Name:	Plovdivska Perla	yob/yinc:	83 / 84	Other info:				
Origin:	BGR	donor:		Author:	Pedzinski			

PISUM COLLECTION WIATROWO - TAXONOMY

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SP: sativum L. s. l.
 SSP: sativum
 CONV: medullare
 VAR: unionis

					CLASS IFICATION	TYPE	MAINTE NANCE	TYPE OF USAGE
Wt	2413	W1	0 Ra	75334	V	CV	K	
Name:	Salzmunder Fruehe	yob/yinc:	83 / 84	Other info:				
Origin:	GDR	donor:			Pedzinski	Author:		
Wt	2414	W1	0 Ra	75295/95	V	CV	K	
Name:	Scout	yob/yinc:	83 / 84	Other info:				
Origin:	NLD, Royal Sluis	donor:			Pedzinski	Author:		
Wt	2416	W1	0 Ra	75442	V	CV	K	
Name:	Springtide	yob/yinc:	83 / 84	Other info:				
Origin:	USA	donor:			Pedzinski	Author:		
Wt	2417	W1	0 Ra	75443	V	CV	K	
Name:	Suttons Improved Harbinger	yob/yinc:	83 / 84	Other info:				
Origin:	GBR	donor:			Pedzinski	Author:		
Wt	2418	W1	0 Ra	75445/95	V	CV	K	
Name:	Kearly	yob/yinc:	83 / 84	Other info:				
Origin:	Rohde	donor:			Pedzinski	Author:		
Wt	2419	W1	0 Ra	75446	V	CV	K	
Name:	Tezierlindon	yob/yinc:	83 / 84	Other info:				
Origin:	Tezier	donor:			Pedzinski	Author:		
Wt	2420	W1	0 Ra	77244/01	V	CV	K	
Name:	Timperley Wonder	yob/yinc:	83 / 84	Other info:				
Origin:	GBR	donor:			Pedzinski	Author:		
Wt	2421	W1	0 Ra	75451	V	CV	K	
Name:	Pioneer	yob/yinc:	83 / 84	Other info:				
Origin:	GBR, Charles Sharpee	donor:			Pedzinski	Author:		
Wt	2422	W1	0 Ra	75460/95	V	CV	K	
Name:	Rarytas	yob/yinc:	83 / 84	Other info:				
Origin:	Beta * Deli	donor:			Pedzinski	Author:	Rozegnal, IHAR	
Wt	2423	W1	0 Ra	75472/95	V	CV	K	
Name:	English Wonder	yob/yinc:	83 / 84	Other info:				
Origin:		donor:			Pedzinski	Author:		
Wt	2424	W1	0 Ra	75500	V	CV	K	
Name:	Rapide a Cosse Fonce	yob/yinc:	83 / 84	Other info:				
Origin:	Vilmorin	donor:			Pedzinski	Author:		

PISUM COLLECTION WIATROWO - TAXONOMY

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SP: sativum L. s. l.
 SSP: sativum
 CONV: medullare
 VAR: unionis

					CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	2425	W1	0 Ra	75501	V	CV	K	
Name:	Prodige	yob/yinc:	83 / 84	Other info:				
Origin:	Vilmorin			donor:	Pedzinski	Author:		
Wt	2426	W1	0 Ra	75502/95	V	CV	K	
Name:	Siegerin	yob/yinc:	83 / 84	Other info:				
Origin:	DEU, Van Waweren			donor:	Pedzinski	Author:		
Wt	2427	W1	0 Ra	75503/95	V	CV	K	
Name:	Spitfire Kelvedon	yob/yinc:	83 / 84	Other info:				
Origin:	GBR			donor:	Pedzinski	Author:		
Wt	2428	W1	0 Ra	75529	V	CV	K	
Name:	Rad	yob/yinc:	83 / 85	Other info:				
Origin:				donor:	Pedzinski	Author:	IHAR, Radzikow	
Wt	2430	W1	0 Ra	75873/89	V	CV	K	
Name:	Moni	yob/yinc:	83 / 85	Other info:				
Origin:				donor:	IHAR	Author:		
Wt	2431	W1	0 Ra	77064/00	V	CV	K	
Name:	Selkirk	yob/yinc:	83 / 85	Other info:				
Origin:				donor:	IHAR	Author:		
Wt	2432	W1	0 Ra	75959/94	L	CO	K	
Name:	BG-1082-4	yob/yinc:	84 / 85	Other info:				
Origin:	ESP			donor:	Jambrina	Author:		
Wt	2433	W1	0 Ra	77468/08	L	PO	K	
Name:	H.P.	yob/yinc:	79 / 85	Other info:				
Origin:				donor:	Slincard	Author:		
Wt	2434	W1	Ra	77469/08	L	LR	K	
Name:	E 4309	yob/yinc:	95 / 96	Other info:				
Origin:	Spiska Teplica, alt 714			donor:	IHAR	Author:		

PISUM COLLECTION WIATROWO - TAXONOMY

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SP: sativum L. s. l.
 SSP: sativum
 CONV: medullare
 VAR: vilmorini

					CLASSIFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	2451	W1	0	Ra	77065/00	V	CV	K
Name:	Poha	yob/yinc:	/	Other info:				
Origin:	NZL			donor:	Crampton		Author:	
Wt	2452	W1	1978	Ra	75960/94	V	CV	K
Name:	Lancashire Lad	yob/yinc:	81 / 81	Other info:				
Origin:				donor:	Blixt		Author:	
Wt	2453	W1	0	Ra	75410	V	CV	K
Name:	Protor	yob/yinc:	83 / 84	Other info:				
Origin:	Clause			donor:	Pedzinski		Author:	
Wt	2454	W1	0	Ra	75498	V	CV	K
Name:	Triton	yob/yinc:	83 / 84	Other info:				
Origin:	NLD, Sluis & Groot			donor:	Pedzinski		Author:	
Wt	2455	W1	0	Ra	75505	V	CV	K
Name:	Rogers Famous	yob/yinc:	83 / 84	Other info:				
Origin:	GBR			donor:	Pedzinski		Author:	
Wt	2456	W1	0	Ra	75535	V	CV	K
Name:	Stern	yob/yinc:	83 / 85	Other info:				
Origin:	Van Waveren			donor:	Pedzinski		Author:	
Wt	2457	W1	0	Ra	75549	V	CV	K
Name:	Corfu	yob/yinc:	83 / 85	Other info:				
Origin:	USA, W. Brotherton Seed			donor:			Author:	
Wt	2458	W1	0	Ra	75555	V	CV	K
Name:	Gypsy	yob/yinc:	83 / 85	Other info:				
Origin:	USA, Crites Moscow Growers			donor:			Author:	
Wt	2459	W1	0	Ra	77730/04	V	CV	K
Name:	Olympia	yob/yinc:	84 / 85	Other info:				
Origin:				donor:	Marx		Author:	
Wt	2460	W1	0	Ra	75558	V	CV	K
Name:	Puget	yob/yinc:	83 / 85	Other info:				
Origin:	USA, W. Brotherton Seed			donor:			Author:	
Wt	2461	W1	0	Ra	76085/96	V	CV	K
Name:	Juwel van Waverens	yob/yinc:	83 / 85	Other info:				
Origin:				donor:	IHAR		Author:	

PISUM COLLECTION WIATROWO - TAXONOMY

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SP: sativum L. s. l.
 SSP: sativum
 CONV: medullare
 VAR: vilmorini

					CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	2463	W1	0 Ra	77470/08	V	CV	K	
Name:	Perfected Freezer 60	yob/yinc:	80 / 85	Other info:				
Origin:				donor:	Beltsville	Author:	Rogers Broth. Seed	
Wt	2464	W1	0 Ra	76204/97	V	CV	K	
Name:	166-Knight	yob/yinc:	80 / 85	Other info:				
Origin:				donor:		Author:	Joseph Harris Seed	
Wt	2465	W1	0 Ra	75642	V	CV	K	
Name:	Hunter	yob/yinc:	81 / 85	Other info:				
Origin:				donor:	Pedzinski	Author:		
Wt	2466	W1	Ra	75625	V	CV	K	
Name:	Maestro	yob/yinc:	84 / 88	Other info:				20020
Origin:	USA			donor:	W.Atlec	Author:		
Wt	2467	W1	Ra	77731/04	V	CV	K	
Name:	Glonosa	yob/yinc:	87 / 88	Other info:				20065
Origin:	DEU			donor:	BGRC 48619	Author:		

PISUM COLLECTION WIATROWO - TAXONOMY

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SP: sativum L. s. l.
 SSP: sativum
 CONV: medullasaccharatum
 VAR: koernickei

					CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	1851	W1	0	Ra	76183/97	V	CV	K
Name:	Stirling	yob/yinc:	73	/	74	Other info:		
Origin:	CAN	donor:	Slinkard	Author:				
Wt	1852	W1	2364	Ra	77418/08	V	SE	K
Name:	Lag Brytsockerart	yob/yinc:	73	/	74	Other info:		
Origin:	HUN	donor:	Tapioszele	Author:				
Wt	1853	W1	1979	Ra	75747/88	V	CV	K
Name:	Ambrosia	yob/yinc:	81	/	81	Other info:		
Origin:		donor:	Blixt	Author:				

PISUM COLLECTION WIATROWO - TAXONOMY

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SP: sativum L. s. l.
 SSP: sativum
 CONV: medulllosaccharatum
 VAR: majakense

					CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	1901 W1	1981	Ra	75954/94	V	CV	K	
Name:	Apollo	yob/yinc:	73 / 74	Other info:				
Origin:	SWE, Weibulls			donor:	Lehmann	Author:		
Wt	1903 W1	0	Ra	76184/97	V	CV	K	
Name:	EK-2 Ambrosia	yob/yinc:	73 / 74	Other info:				
Origin:				donor:	Lehmann	Author:		
Wt	1904 W1	1980	Ra	75748/88	V	CV	K	
Name:	Majak	yob/yinc:	81 / 81	Other info:				
Origin:				donor:	Blixt	Author:		

PISUM COLLECTION WIATROWO - TAXONOMY

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SP: sativum L. s. l.
SSP: sativum
CONV: medulllosaccharatum
VAR: prasinum

				CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE	
Wt	1951	W1	2625	Ra	77419/08	V	CV	K
Name:	Zegalova	yob/yinc:	81 / 81	Other info:				
Origin:	Schreiber&Sohn	donor:		Author:				

PISUM COLLECTION WIATROWO - TAXONOMY

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SP: sativum L. s. l.
SSP: sativum
CONV: medulllosaccharatum
VAR: pseudopatris

					CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	1651	W1	1970	Ra	76100/95	V	CV	K
Name:	Gruene Runzlige	yob/yinc:	81 / 81	Other info:				
Origin:				donor:	Blixt		Author:	

PISUM COLLECTION WIATROWO - TAXONOMY

63 z 225 7 października 2013

SP: sativum L. s. l.
SSP: sativum
CONV: medulllosaccharatum
VAR: punctato-marmoratum

				CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE	
Wt	1701	W1	2501	Ra	77236/01	V	CV	K
Name:	Posthoernchen	yob/yinc:	81 / 81	Other info:				
Origin:	E.Benary, Erfurt	donor:		Author:				

PISUM COLLECTION WIATROWO - TAXONOMY

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SP: sativum L. s. l.
 SSP: sativum
 CONV: sativum
 VAR: arcuatum

					CLASS IFICATION	TYPE	MAINTE NANCE	TYPE OF USAGE
Wt	2501	W1	0	Ra	76206/97	V	CV	K
Name:	Principe	yob/yinc:	/	Other info:				
Origin:				donor:	Ruzyne	Author:		
Wt	2502	W1	0	Ra	75187/95	V	CV	K
Name:	Mammoth	yob/yinc:	/ 70	Other info:				
Origin:	USA			donor:		Author:		
Wt	2503	W1	422	Ra	75643	E	LR	K
Name:	Population - 1	yob/yinc:	73 / 74	Other info:				
Origin:	Anatolia			donor:	Lamprecht	Author:		
Wt	2504	W1	0	Ra	77066/00	E	PO	K
Name:	Population - 2	yob/yinc:	73 / 74	Other info:				
Origin:	SUN			donor:	VIR	Author:		
Wt	2505	W1	0	Ra	75644	E	PO	K
Name:	Ungaria	yob/yinc:	/	Other info:				
Origin:	HUN			donor:	Crampton	Author:		
Wt	2506	W1	0	Ra	77472/08	E	PO	K
Name:	Population - 3 (686)	yob/yinc:	/	Other info:				
Origin:	AUS			donor:	Aitken	Author:		
Wt	2507	W1	1647	Ra	77473/08	E	CO	K
Name:	0101	yob/yinc:	79 / 80	Other info:				
Origin:	SUN			donor:	Blixt	Author:		
Wt	2508	W1	2473	Ra	77474/08	E	CO	K
Name:		yob/yinc:	81 / 81	Other info:				
Origin:	SUN			donor:	Blixt	Author:		
Wt	2509	W1	0	Ra	75961/94	V	CV	K
Name:	Moldawski 324	yob/yinc:	/	Other info:				
Origin:				donor:	IHAR	Author:		
Wt	2510	W1		Ra	77067/00	V	CV	K
Name:	Traper	yob/yinc:	90 / 93	Other info:				
Origin:				donor:		Author:		

PISUM COLLECTION WIATROWO - TAXONOMY

65 z 225 7 października 2013

SP: sativum L. s. l.
SSP: sativum
CONV: sativum
VAR: atrovirens

				CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	2601	W1	0 Ra	77068/00	E	PO	K
Name:	Population - 1	yob/yinc:	/	Other info:			
Origin:				donor:	Lehmann	Author:	

PISUM COLLECTION WIATROWO - TAXONOMY

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SP: sativum L. s. l.
 SSP: sativum
 CONV: sativum
 VAR: chloromelan

					CLASS IFICATION	TYPE	MAINTE NANCE	TYPE OF USAGE
Wt	2701 W1	1744	Ra	75645	V	CV	K	
Name:	Kloster	yob/yinc:	73 / 74	Other info:				
Origin:	SWE			donor:	Lehmann	Author:		
Wt	2702 W1	2223	Ra	75188/95	V	CV	K	
Name:	Biala	yob/yinc:	/ 72	Other info:				
Origin:				donor:	COBORU	Author:	Mikolajczyk, IHAR	
Wt	2703 W1	0	Ra	75189/95	L	XD	K	
Name:	Heros x Delfin	yob/yinc:	74 / 75	Other info:				
Origin:	Heros x Delfin			donor:	Swiecicki	Author:	Swiecicki	
Wt	2704 W1	2545	Ra	75756/88	V	CV	K	
Name:	aus: Luzienhofer Winter	yob/yinc:	81 / 81	Other info:				
Origin:	DSG-Saatz Langenstein			donor:	Blixt	Author:		

PISUM COLLECTION WIATROWO - TAXONOMY

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SP: sativum L. s. l.
SSP: sativum
CONV: sativum
VAR: choresmicum

				CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE	
Wt	4701	W1	1486	Ra	77606/08	E	CO	K
Name: Population - 1		yob/yinc:	81 / 81	Other info:				
Origin: SUN				donor:	Snoad	Author:		

PISUM COLLECTION WIATROWO - TAXONOMY

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SP: sativum L. s. l.
 SSP: sativum
 CONV: sativum
 VAR: cimitari

					CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	2801	W1		Ra	76153/95	E	PO	K
Name:	Ankara I	yob/yinc:	/	72	Other info:			
Origin:	TUR	donor:	Izmir	Author:				
Wt	2802	W1	1823	Ra	75757/88	L	CO	K
Name:		yob/yinc:	81	/	81	Other info:		
Origin:	ITA	donor:	Blixt	Author:				
Wt	2803	W1	2237	Ra	75758/88	V	CV	K
Name:	Casusa	yob/yinc:	/	72	Other info:			
Origin:		donor:	Tapioszele	Author:				
Wt	2804	W1	0	Ra		E	CV	K
Name:	Cennia	yob/yinc:	/		Other info:			
Origin:	KEN	donor:	Lehmann	Author:				
Wt	2805	W1	0	Ra	77475/08	V	CV	K
Name:	Debreceni 21 Kifejto	yob/yinc:	/	72	Other info:			
Origin:	HUN	donor:	Tapioszele	Author:				
Wt	2809	W1	0	Ra	77476/08	L	CV	K
Name:	Jumboka	yob/yinc:	/		Other info:			
Origin:		donor:	Lehmann	Author:				
Wt	2810	W1	2106	Ra	75008	V	CV	K
Name:	Meteor	yob/yinc:	/		Other info:			
Origin:	CSK	donor:	Ruzyne	Author:				
Wt	2811	W1	0	Ra	75116	V	CV	K
Name:	Nike	yob/yinc:	/	72	Other info:			
Origin:	POL	donor:	IHAR	Author:				
Wt	2812	W1	0	Ra	75759/88	V	CV	K
Name:	Rakieta	yob/yinc:	/	72	Other info:			
Origin:	POL	donor:	IHAR	Author:				
Wt	2813	W1	0	Ra	77477/08	V	CV	K
Name:	Ranger 1	yob/yinc:	/		Other info:			
Origin:	ZAF, Pretoria	donor:		Author:				
Wt	2815	W1	0	Ra	77069/00	V	CV	K
Name:	Satellite	yob/yinc:	/		Other info:			
Origin:	ZAF, Pretoria	donor:		Author:				

PISUM COLLECTION WIATROWO - TAXONOMY

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SP: sativum L. s. l.
 SSP: sativum
 CONV: sativum
 VAR: cimitari

					CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	2816	W1	0	Ra	75190	E	PO	K
Name:	Population - 1	yob/yinc:	/	Other info:				
Origin:	ITA			donor:	Sicilia	Author:		
Wt	2818	W1	0	Ra	75122/95	V	CV	K
Name:	Allround	yob/yinc:	/ 72	Other info:				
Origin:	(Ceb*Pauli)*(Po			donor:	Sofia,IGPB	Author:		
Wt	2819	W1	0	Ra	75962/94	V	CV	K
Name:	Big Ben	yob/yinc:	/ 72	Other info:				
Origin:	NLD			donor:	Ruzyne	Author:		
Wt	2820	W1	0	Ra	75760/88	V	CV	K
Name:	Douce Provence	yob/yinc:	/	Other info:				
Origin:	FRA			donor:	Vilmorin	Author:		
Wt	2821	W1	2258	Ra	76030/94	V	CV	K
Name:	Fin des Gourmets	yob/yinc:	/	Other info:				
Origin:	FRA			donor:	Lehmann	Author:		
Wt	2822	W1	0	Ra	75191/95	V	CV	K
Name:	Supercouvert	yob/yinc:	73 / 74	Other info:				
Origin:	FRA			donor:	Lehmann	Author:		
Wt	2824	W1	0	Ra	75123/95	V	CV	K
Name:	Recette	yob/yinc:	73 / 74	Other info:				
Origin:	FRA			donor:	Cousin	Author:		
Wt	2825	W1	0	Ra	76157/95	V	CV	K
Name:	Mignon	yob/yinc:	/	Other info:				
Origin:	FRA			donor:	Cousin	Author:		
Wt	2826	W1	0	Ra	75646	V	CV	K
Name:	Zelka	yob/yinc:	/	Other info:				
Origin:	NLD			donor:	Cousin	Author:		
Wt	2827	W1	0	Ra	76158/95	V	CV	K
Name:	Nuitzen	yob/yinc:	83 / 85	Other info:				
Origin:				donor:	IHAR	Author:		
Wt	2828	W1	0	Ra	76156/95	V	CV	K
Name:	Valontaisa Clause	yob/yinc:	83 / 85	Other info:				
Origin:				donor:	IHAR	Author:		

PISUM COLLECTION WIATROWO - TAXONOMY

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SP: sativum L. s. l.
 SSP: sativum
 CONV: sativum
 VAR: cimitari

					CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	2829	W1	0 Ra	77478/08	V	CV	K	
Name:	Zwaan's Avanti	yob/yinc:	83 / 85	Other info:				
Origin:				donor:	IHAR	Author:		
Wt	2830	W1	0 Ra	77479/08	V	CV	K	
Name:	Zwaan's Finette	yob/yinc:	83 / 85	Other info:				
Origin:				donor:	IHAR	Author:		
Wt	2831	W1	0 Ra	76031/94	V	CV	K	
Name:	Dokucajewskij	yob/yinc:	83 / 85	Other info:				
Origin:				donor:	IHAR	Author:		
Wt	2832	W1	0 Ra	77480/08	V	CV	K	
Name:	Rovar	yob/yinc:	83 / 85	Other info:				
Origin:				donor:	IHAR	Author:		
Wt	2833	W1	0 Ra	77481/08	V	CV	K	
Name:	Mercato	yob/yinc:	80 / 85	Other info:				
Origin:	SUN			donor:	IHAR	Author:		
Wt	2834	W1	0 Ra	76088/96	L	XD	K	
Name:	High protein	yob/yinc:	86 / 86	Other info:				
Origin:	Recete x Finale, 2813/85			donor:	Swiecicki	Author:	Swiecicki	

PISUM COLLECTION WIATROWO - TAXONOMY

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SP: sativum L. s. l.
 SSP: sativum
 CONV: sativum
 VAR: coronatum

					CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	2901	W1	2229	Ra	75192/95	V	CV	K
Name:	Arthur	yob/yinc:	/	Other info:				
Origin:	CAN	donor:	Slinkard	Author:				
Wt	2902	W1	0	Ra	77482/08	V	CV	K FS
Name:	Bulawa	yob/yinc:	/	Other info:				
Origin:	POL	donor:	Piotrowski	Author:				
Wt	2903	W1	0	Ra	75193	V	CV	K
Name:	Florida	yob/yinc:	/	Other info:				
Origin:	USA	donor:	Marx	Author:				
Wt	2904	W1	0	Ra	77070/00	E	PO	K
Name:	Population - 1 Coronatum 3	yob/yinc:	/ 72	Other info:				
Origin:	SUN	donor:	VIR	Author:				
Wt	2905	W1	0	Ra	75142/95	L	MU	K
Name:	Gottschalk 1	yob/yinc:	/	Other info:				
Origin:		donor:	Gottschalk	Author:	Gottschalk			
Wt	2906	W1	0	Ra	75647	L	MU	K
Name:	Gottschalk 2	yob/yinc:	/	Other info:				
Origin:		donor:	Gottschalk	Author:	Gottschalk			
Wt	2907	W1	0	Ra	75194/95	V	CV	K
Name:	Meia Pala	yob/yinc:	/ 72	Other info:				
Origin:	IND	donor:	Lehmann	Author:				
Wt	2908	W1	0	Ra	75195/95	E	PO	K
Name:	Population - 1	yob/yinc:	/	Other info:				
Origin:	GBR	donor:	Snoad	Author:				
Wt	2909	W1	0	Ra	75761/88	V	CV	K
Name:	Pura	yob/yinc:	/	Other info:				
Origin:	Germany	donor:	Lehmann	Author:				
Wt	2910	W1	0	Ra	77483/08	L	XD	K
Name:	Heros x Bulawa	yob/yinc:	73 / 74	Other info:				
Origin:		donor:	Swiecicki	Author:	Swiecicki			
Wt	2911	W1	0	Ra	76235/97	V	CV	K
Name:	Stambowj P-2	yob/yinc:	/ 72	Other info:				
Origin:	SUN	donor:	VIR	Author:				

PISUM COLLECTION WIATROWO - TAXONOMY

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SP: sativum L. s. l.
 SSP: sativum
 CONV: sativum
 VAR: coronatum

					CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	2912	W1	0	Ra	75196/95	V	CV	K
Name:	Stretenskij	yob/yinc:	/	70	Other info:			
Origin:	SUN	donor:			Ruzyne	Author:		
Wt	2913	W1	0	Ra	75197	E	PO	K
Name:	Population - 2	yob/yinc:	73	/	74	Other info:		
Origin:		donor:				Author:		
Wt	2914	W1	0	Ra	75198/95	L	XD	K
Name:	Heros(fas)	yob/yinc:	74	/	75	Other info:		
Origin:		donor:			Swiecicki	Author:	Michalski	
Wt	2915	W1	0	Ra	77484/08	L	XD	K
Name:	Granata x Paloma	yob/yinc:	80	/	81	Other info:		
Origin:		donor:			Swiecicki	Author:	Swiecicki	
Wt	2916	W1	0	Ra	75648	L	MU	K
Name:	Coronatum	yob/yinc:	/			Other info:		
Origin:		donor:			Snoad	Author:		
Wt	2917	W1	0	Ra	75009	L	XD	K
Name:	Granata x Porta	yob/yinc:	80	/	81	Other info:		
Origin:		donor:			Swiecicki	Author:	Swiecicki	
Wt	2918	W1	1824	Ra	77485/08	L	CO	K
Name:		yob/yinc:	81	/	81	Other info:		
Origin:	SUN	donor:			Blixt	Author:		

PISUM COLLECTION WIATROWO - TAXONOMY

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SP: sativum L. s. l.
 SSP: sativum
 CONV: sativum
 VAR: episcopi

					CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	3001	W1	2504	Ra	76237/97	V	CV	K
Name:	Buchsbaum	yob/yinc:	/ 72	Other info:				
Origin:	DEU, Quedlinburg	donor:	Lehmann	Author:				
Wt	3002	W1	0	Ra	76242/97	L	CV	K
Name:	Hybride INRA	yob/yinc:	/	Other info:				
Origin:	FRA	donor:	Cousin	Author:				
Wt	3003	W1	0	Ra	75649	V	CV	K
Name:	Kombajnowyj 584	yob/yinc:	/ 70	Other info:				
Origin:	SUN	donor:	Ruzyne	Author:				
Wt	3004	W1	0	Ra	77071/00	V	CV	K
Name:	Majusi Sarga	yob/yinc:	/ 72	Other info:				
Origin:		donor:	Lehmann	Author:				
Wt	3005	W1	2591	Ra	75199	V	CV	K
Name:	Prince Albert	yob/yinc:	/ 70	Other info:				
Origin:	ITA	donor:	Lehmann	Author:				
Wt	3006	W1	2167	Ra	77072/00	V	CV	K FS
Name:	Auralia	yob/yinc:	/	Other info:				
Origin:	GDR	donor:	Lehmann	Author:				
Wt	3008	W1	2627	Ra	76165/95	V	CV	K
Name:	Maiperle	yob/yinc:	/	Other info:				
Origin:	POL	donor:	Nowacki	Author:				
Wt	3009	W1	2358	Ra	75200/95	V	SE	K
Name:	IP-3	yob/yinc:	73 / 74	Other info:				
Origin:	HUN	donor:	Tapioszele	Author:				
Wt	3010	W1	0	Ra	76243/97	V	CV	K
Name:	Maipal	yob/yinc:	73 / 74	Other info:				
Origin:		donor:	Lehmann	Author:				
Wt	3011	W1	0	Ra	75010	V	CV	K FS
Name:	Jupiter	yob/yinc:	74 / 75	Other info:				
Origin:	CSK	donor:	Ruzyne	Author:				
Wt	3012	W1	0	Ra	77486/08	E	PO	K
Name:	Population - 1 (135)	yob/yinc:	/	Other info:				
Origin:	IND	donor:	Sharma	Author:				

PISUM COLLECTION WIATROWO - TAXONOMY

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SP: sativum L. s. l.
 SSP: sativum
 CONV: sativum
 VAR: episcopi

				CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	3013 W1	0 Ra	76244/97	V	CV	K	
Name:	Precoce de Mai	yob/yinc:	/	Other info:			
Origin:	FRA			donor:	Cousin	Author:	
Wt	3014 W1	0 Ra	75650	L	XD	K	
Name:	St-20	yob/yinc:	/	Other info:			
Origin:	GDR			donor:	Melzer	Author:	
Wt	3015 W1	0 Ra	75651	L	XD	K	
Name:	St-25	yob/yinc:	/	Other info:			
Origin:	GDR			donor:	Melzer	Author:	
Wt	3016 W1	0 Ra	75652	V	CV	K	
Name:	Iregi Sarga	yob/yinc:	/	Other info:			
Origin:	HUN			donor:	Tapioszele	Author:	
Wt	3017 W1	0 Ra	77073/00	E	CV	K	
Name:	Gelbe Erbsen	yob/yinc:	/	Other info:			
Origin:				donor:		Author:	
Wt	3018 W1	0 Ra	76246/97	E	PO	K	
Name:	Population - 2 (704)	yob/yinc:	/	Other info:			
Origin:	AUS			donor:	Aitken	Author:	
Wt	3019 W1	0 Ra	76205/98	E	PO	K	
Name:	Population - 3	yob/yinc:	/	Other info:			
Origin:	AUS			donor:	Aitken	Author:	
Wt	3020 W1	0 Ra	76167/95	E	PO	K	
Name:	Population - 4	yob/yinc:	/	Other info:			
Origin:	NLD			donor:	Marx	Author:	
Wt	3021 W1	0 Ra	77732/04	E	PO	K	
Name:	Population - 5	yob/yinc:	/	Other info:			
Origin:	NLD			donor:	Marx	Author:	
Wt	3022 W1	0 Ra	77246/01	L	XD	K	
Name:	L. (Angulare Abis. x Sval. Nota.)	yob/yinc:	74 / 75	Other info:			
Origin:	POL			donor:	Swiecicki	Author:	Swiecicki
Wt	3023 W1	0 Ra	75201/95	L	XD	K	
Name:	Heros x Extra Early	yob/yinc:	74 / 75	Other info:			
Origin:				donor:	Swiecicki	Author:	Swiecicki

PISUM COLLECTION WIATROWO - TAXONOMY

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SP: sativum L. s. l.
 SSP: sativum
 CONV: sativum
 VAR: episcopi

				CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	3024 W1	0	Ra 77074/00	L	XD	K	FS
Name:	WTD 4001	yob/yinc:	72 / 73	Other info:			
Origin:	POL	donor:	Swiecicki	Author:	Swiecicki		
Wt	3025 W1	0	Ra 75202	L	XD	K	FS
Name:	WTD 4006	yob/yinc:	72 / 73	Other info:			
Origin:	Heros x Fruhe Niedrige	donor:	Swiecicki	Author:	Swiecicki		
Wt	3026 W1	0	Ra 75203	L	XD	K	FS
Name:	WTD 4011	yob/yinc:	72 / 73	Other info:			
Origin:	Ranger x Stral	donor:	Swiecicki	Author:	Swiecicki		
Wt	3027 W1	0	Ra 75762/88	V	CV	K	FS
Name:	Opal	yob/yinc:	73 / 74	Other info:			
Origin:	WTD 4025= Auralia*Flawanda	donor:	Swiecicki	Author:	Swiecicki		
Wt	3028 W1	0	Ra 77487/08	L	XD	K	FS
Name:	WTD 4031	yob/yinc:	74 / 75	Other info:			
Origin:	R4006 x Paloma	donor:	Swiecicki	Author:	Swiecicki		
Wt	3032 W1	0	Ra 77075/00	L	XD	K	FS
Name:	WTD 4046	yob/yinc:	77 / 78	Other info:			
Origin:	Porta x Auralia	donor:	Swiecicki	Author:	Swiecicki		
Wt	3033 W1	0	Ra 75653	L	XD	K	FS
Name:	WTD 4048	yob/yinc:	77 / 78	Other info:			
Origin:	Paloma x R 4006	donor:	Swiecicki	Author:	Swiecicki		
Wt	3034 W1	0	Ra 77488/08	L	XD	K	FS
Name:	WTD 4054	yob/yinc:	77 / 78	Other info:			
Origin:	Jupiter x Arabal	donor:	Swiecicki	Author:	Swiecicki		
Wt	3035 W1	1825	Ra 77489/08	L	CO	K	
Name:		yob/yinc:	81 / 81	Other info:			
Origin:	CHN	donor:	Blixt	Author:			
Wt	3036 W1	0	Ra 77076/00	E	PO		
Name:	Population - 6 (30/2)	yob/yinc:	/	Other info:			K
Origin:	BGR	donor:	IGPB	Author:			
Wt	3037 W1	0	Ra	E	PO	K	
Name:	Population - 8	yob/yinc:	/	Other info:			
Origin:	IND	donor:	Sharma	Author:			

PISUM COLLECTION WIATROWO - TAXONOMY

76 z 225 7 października 2013

SP: sativum L. s. l.
 SSP: sativum
 CONV: sativum
 VAR: episcopi

				CLASSIFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	3038 W1	0 Ra	77247/01	V	CV	K	
Name:	Dukat (LUDK)	yob/yinc:	/	Other info:			
Origin:	CSK	donor:		Author:			
Wt	3039 W1	0 Ra	76207/98	V	CV	K	
Name:	Dalibor	yob/yinc:	79 / 80	Other info:			
Origin:	CSK	donor:		Author:			
Wt	3040 W1	0 Ra	77077/00	V	CV	K	
Name:	Inter	yob/yinc:	79 / 80	Other info:			
Origin:	CSK	donor:		Author:			
Wt	3041 W1	0 Ra	75011	L	XD	K	
Name:	DE 989	yob/yinc:	79 / 80	Other info:			
Origin:	CSK	donor:		Author:			
Wt	3042 W1	0 Ra	77490/08	V	CV	K	
Name:	Amino	yob/yinc:	83 / 84	Other info:			
Origin:	FRA	donor:	Blondeau	Author:			
Wt	3043 W1	0 Ra	75406	V	CV	K	
Name:	Maibote	yob/yinc:	83 / 84	Other info:			
Origin:	Gebruder Dippe	donor:	Pedzinski	Author:			
Wt	3044 W1	0 Ra	75520	V	CV	K	
Name:	Pois nein Serpette cent pour	yob/yinc:	83 / 85	Other info:			
Origin:	Vilmorin	donor:	Pedzinski	Author:			
Wt	3045 W1	0 Ra	75963/94	V	CV	K	
Name:	Ruhmers 6V	yob/yinc:	83 / 85	Other info:			
Origin:		donor:	IHAR	Author:			
Wt	3046 W1	0 Ra	77491/08	V	CV	K	
Name:	Anger Blonde	yob/yinc:	83 / 85	Other info:			
Origin:		donor:	IHAR	Author:			
Wt	3047 W1	0 Ra	76089/96	V	CV	K	
Name:	Stivo	yob/yinc:	83 / 85	Other info:			
Origin:		donor:	IHAR	Author:			
Wt	3048 W1	0 Ra	77078/00	V	CV	K	
Name:	Ural	yob/yinc:	83 / 85	Other info:			
Origin:		donor:	IHAR	Author:			

PISUM COLLECTION WIATROWO - TAXONOMY

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SP: sativum L. s. l.
 SSP: sativum
 CONV: sativum
 VAR: episcopi

				CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	3049 Wl	0 Ra	76090/96	V	CV	K	
Name:	Arter Weitor	yob/yinc:	83 / 85	Other info:			
Origin:				donor:	IHAR	Author:	
Wt	3050 Wl	0 Ra	77492/08	L	PO	K	
Name:	E O394	yob/yinc:	83 / 85	Other info:			
Origin:				donor:	IHAR	Author:	
Wt	3051 Wl	0 Ra	77493/08	V	CV	K	
Name:	Maibote	yob/yinc:	83 / 85	Other info:			
Origin:				donor:	IHAR	Author:	
Wt	3052 Wl	0 Ra	75964/94	V	CV	K	
Name:	Bohatyr	yob/yinc:	82 / 85	Other info:			
Origin:	CSK			donor:		Author:	
Wt	3053 Wl	0 Ra	75875/95	V	CV	K	
Name:	Tolar /LU-Y/	yob/yinc:	83 / 85	Other info:			
Origin:	R77*Zidl Wik;RZV*Unic;R			donor:	Luzany CSK	Author:	Boril
Wt	3054 Wl	0 Ra	77248/01	V	CV	K	
Name:	Ruga	yob/yinc:	83 / 85	Other info:			
Origin:				donor:	Melzer	Author:	Melzer
Wt	3055 Wl	0 Ra	75139/82	V	CV	K	
Name:	Tyrkys /LV-KTz/	yob/yinc:	82 / 85	Other info:			
Origin:	Kral Unic x Pyram x Dik Trom			donor:	Luzany CSK	Author:	Boril
Wt	3056 Wl	0 Ra	76061/94	V	CV	K	
Name:	Koral	yob/yinc:	85 / 85	Other info:			
Origin:	Neugx(Kuj.WxC es)x(BulxIwo)xB			donor:	Sobotka	Author:	Bialowas,Tomasze wska
Wt	3057 Wl	0 Ra	75592	V	CV	K	
Name:	Aster	yob/yinc:	85 / 85	Other info:			
Origin:	Flavanda x Auralia			donor:	Lipie, POL	Author:	Marciniak
Wt	3058 Wl	0 Ra	77494/08	L	XD	K	
Name:	WTD 3002 * R 4006	yob/yinc:	80 / 85	Other info:			
Origin:	2073/79			donor:	Swiecicki	Author:	Swiecicki
Wt	3059 Wl	0 Ra	76033	V	CV	K	
Name:	A 110	yob/yinc:	86 / 88	Other info:			20009
Origin:	CHA, Ji Lin			donor:	Acad.A.Sci	Author:	

PISUM COLLECTION WIATROWO - TAXONOMY

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SP: sativum L. s. l.
 SSP: sativum
 CONV: sativum
 VAR: episcopi

				CLASSIFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	3060 W1	0 Ra	77079/00	V	CV	K	
Name:	A 112	yob/yinc:	86 / 88	Other info:			20010
Origin:	CHA, Ji Lin			donor:	Acad.A.Sci	Author:	
Wt	3061 W1	Ra	75763/88	V	CV	K	
Name:	Majowy	yob/yinc:	/ 88	Other info:			20066
Origin:				donor:	BGRC 48948	Author:	
Wt	3062 W1	Ra	75890/89	V	CV	K	
Name:	Hermes (WTD 684)	yob/yinc:	88 / 90	Other info:			+Ra76016
Origin:	PSS-5/71 x Paloma			donor:	Swiecicki	Author:	Swiecicki,Swiecicki
Wt	3063 W1	Ra	75885/89	V	CV	K	
Name:	Szafir (SOD 684)	yob/yinc:	90 / 90	Other info:			
Origin:	(Kujawski Wcz.xIregi)xFla			donor:	Kuczkowski	Author:	Tomasz.,Swiec.,Sym.
Wt	3064 W1	Ra	75884/89	V	CV	K	
Name:	Diamant (SOD 785)	yob/yinc:	90 / 90	Other info:			
Origin:	(Kuj.Wcz.xFlavanda)x Stral			donor:	Sobotka	Author:	Tomasz.,Swiec.,Syma
Wt	3065 W1	Ra	75886/89	V	CV	K	
Name:	Gniewko (WIA 482)	yob/yinc:	89 / 90	Other info:			
Origin:	Paloma x Fertila			donor:	Marciniak	Author:	Marciniak,Marciniak
Wt	3066 W1	0 Ra	75099	L	XD	K	
Name:	R 321/73	yob/yinc:	82 / 90	Other info:			
Origin:				donor:	ZKZG-IHAR	Author:	
Wt	3068 W1	Ra	75094	L	XD	K	
Name:	POA 379	yob/yinc:	82 / 90	Other info:			
Origin:				donor:	ZKZG-IHAR	Author:	
Wt	3069 W1	Ra	75095	L	XD	K	
Name:	POA 279	yob/yinc:	82 / 90	Other info:			
Origin:				donor:	ZKZG-IHAR	Author:	
Wt	3070 W1	Ra	75965/94	V	CV	K	
Name:	Romeo	yob/yinc:	90 / 90	Other info:			
Origin:	CSK			donor:	CSK	Author:	
Wt	3071 W1	Ra	75966/94	L	XD	K	
Name:	Amac	yob/yinc:	89 / 90	Other info:			
Origin:				donor:	Sadovo BGR	Author:	

PISUM COLLECTION WIATROWO - TAXONOMY

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SP: sativum L. s. l.
 SSP: sativum
 CONV: sativum
 VAR: episcopi

				CLASS IFICATION	TYPE	MAINTE NANCE	TYPE OF USAGE
Wt	3072 W1	Ra	77495/08	V	CV	K	
Name:	Mara	yob/yinc:	90 / 90	Other info:			
Origin:	HUN			donor:		Author:	
Wt	3073 W1	Ra	77496/08	L	XD	K	
Name:	PSS 41010	yob/yinc:	90 / 90	Other info:			
Origin:	DDR			donor:		Author:	
Wt	3074 W1	Ra	77497/08	L	XD	K	
Name:	PSS 41004	yob/yinc:	90 / 90	Other info:			
Origin:	DDR			donor:		Author:	
Wt	3076 W1	Ra	76208/98	V	CV	K	
Name:	Celeste	yob/yinc:	90 / 92	Other info:			
Origin:	FRA			donor:	Momont	Author:	
Wt	3077 W1	Ra	76209/98	V	CV	K	
Name:	Champaign	yob/yinc:	90 / 92	Other info:			
Origin:	FRA			donor:	Momont	Author:	
Wt	3078 W1	Ra	76210/98	V	CV	K	
Name:	CG 2	yob/yinc:	90 / 92	Other info:			
Origin:	FRA			donor:	Momont	Author:	
Wt	3079 W1	Ra	76059/94	V	CV	K	
Name:	Agat	yob/yinc:	91 / 92	Other info:			
Origin:	(Bulawa*Iwo)* Meteor			donor:	Sobotka	Author:	Szym.Tomasz.Swiecick
Wt	3080 W1	Ra	77498/08	V	CV	K	
Name:	Procon	yob/yinc:	90 / 93	Other info:			
Origin:				donor:		Author:	
Wt	3081 W1	Ra	76060/94	V	CV	K	
Name:	Rubin	yob/yinc:	93 / 93	Other info:			
Origin:				donor:	Sobotka	Author:	
Wt	3082 W1	Ra	76063/94	V	CV	K	
Name:	Granit	yob/yinc:	93 / 93	Other info:			
Origin:				donor:	Sobotka	Author:	Tomaszewska
Wt	3083 W1	Ra	76025/94	V	CV	K	
Name:	Sol	yob/yinc:	93 / 93	Other info:			
Origin:				donor:	Swiecicki	Author:	Swiecicki, Swiecicki

PISUM COLLECTION WIATROWO - TAXONOMY

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SP: sativum L. s. l.
 SSP: sativum
 CONV: sativum
 VAR: episcopi

				CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	3084 W1	Ra	77080/00	V	CV	K	
Name:	Erbi	yob/yinc:	88 / 94	Other info:			
Origin:	DEU			donor:		Author:	
Wt	3085 W1	Ra	77499/08	V	CV	K	
Name:	Santon	yob/yinc:	89 / 94	Other info:			
Origin:				donor:	FRA,Momont	Author:	
Wt	3086 W1	Ra	77081/00	V	CV	K	
Name:	Celeste	yob/yinc:	89 / 94	Other info:			
Origin:				donor:	Nickerson	Author:	
Wt	3087 W1	Ra	76170/95	V	CV	K	
Name:	Trim	yob/yinc:	95 / 95	Other info:			
Origin:				donor:	POL, IHAR	Author:	
Wt	3088 W1	Ra	76171/95	V	CV	K	
Name:	Janus	yob/yinc:	95 / 95	Other info:			
Origin:				donor:	POL,IHAR	Author:	
Wt	3089 W1	Ra	76159/96	L	XD	K	
Name:	SOD 1892	yob/yinc:	95 / 96	Other info:			
Origin:				donor:	IHAR	Author:	
Wt	3090 W1	Ra	77205/00	V	CV	K	
Name:	Przemko	yob/yinc:	99 / 00	Other info:			
Origin:	POL, WIA992			donor:	Wiatrowo	Author:	Wieclawice
Wt	3091 W1	Ra	77206/00	V	CV	K	
Name:	Rola	yob/yinc:	99 / 00	Other info:			
Origin:	POL, Bohatyr * Ergo			donor:	Wiatrowo	Author:	Wieclawice, KTA1295
Wt	3092 W1	Ra	77207/00	V	CV	K	
Name:	Mazurek	yob/yinc:	99 / 00	Other info:			
Origin:	POL, Szyldak			donor:	Wiatrowo	Author:	
Wt	3093 W1	Ra	77208/00				
Name:	Gniewko	yob/yinc:	/	Other info:			
Origin:	POL, Paloma*Fertila			donor:	Wiatrowo	Author:	Wieclawice, WIA482
Wt	3094 W1	Ra		V	CV	K	
Name:	Messire	yob/yinc:	11 / 13	Other info:			
Origin:				donor:		Author:	

PISUM COLLECTION WIATROWO - TAXONOMY

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SP: sativum L. s. l.
SSP: sativum
CONV: sativum
VAR: episcopi

			CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	3095 W1	Ra	77734/04	V	CV	K
Name:	LD 91.13.20	yob/yinc:	02 / 04	Other info:		
Origin:	FRA	donor:		Author:		

PISUM COLLECTION WIATROWO - TAXONOMY

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SP: sativum L. s. l.
SSP: sativum
CONV: sativum
VAR: fabiformae

				CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	3102 W1	0 Ra	77500/08	L	XD	K	
Name:	Oliwkowa * ((Kos. * P. abys.) * Kos.)	yob/yinc:	74 / 75	Other info:			
Origin:	Wiatrowo 96/72			donor:	Swiecicki	Author:	Swiecicki

PISUM COLLECTION WIATROWO - TAXONOMY

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SP: sativum L. s. l.
 SSP: sativum
 CONV: sativum
 VAR: fonticulorum

					CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	3301 W1		0 Ra	77501/08	V	CV	K	
Name:	Clauselan	yob/yinc:	73 / 74	Other info:				
Origin:	FRA			donor:	Slinkard	Author:		
Wt	3302 W1		1986 Ra	76252/97	V	CV	K	
Name:	Daffodil	yob/yinc:	73 / 74	Other info:				
Origin:	GBR			donor:	Lehmann	Author:		
Wt	3303 W1		1827 Ra	77502/08	L	CO	K	
Name:		yob/yinc:	81 / 81	Other info:				
Origin:	ITA			donor:	Blixt	Author:		

PISUM COLLECTION WIATROWO - TAXONOMY

84 z 225 7 października 2013

SP: sativum L. s. l.
 SSP: sativum
 CONV: sativum
 VAR: glaucospermum

					CLASS IFICATION	TYPE	MAINTE NANCE	TYPE OF USAGE
Wt	3401 W1	1828	Ra	77249/01	L	CO	K	
Name:		yob/yinc:	81 / 81	Other info:				
Origin:	Hindukusch			donor:	Blixt	Author:		
Wt	3402 W1	0	Ra	75204	E	PO		
Name:	Population - 1	yob/yinc:	/ 72	Other info:				K
Origin:	TUR			donor:	Izmir	Author:		
Wt	3403 W1	0	Ra	75205	V	CV	K	FS
Name:	Ceser	yob/yinc:	72 / 73	Other info:				
Origin:	POL, Sobiejuchy			donor:	Neusser	Author:		
Wt	3404 W1	0	Ra	77082/00	V	CV	K	
Name:	Cin-si-da-li	yob/yinc:	/ 72	Other info:				
Origin:	CHN			donor:	Lehmann	Author:		
Wt	3405 W1	2569	Ra	75876/89	V	CV	K	
Name:	Koivisto	yob/yinc:	/ 70	Other info:				
Origin:	FIN			donor:	Lehmann	Author:		
Wt	3406 W1	0	Ra	76234/98	V	CV	K	
Name:	Jihoafricky Zeleny	yob/yinc:	/ 72	Other info:				
Origin:	CSK			donor:	Ruzyne	Author:		
Wt	3409 W1	0	Ra	75206/95	E	PO	K	
Name:	Population - 2	yob/yinc:	73 / 74	Other info:				
Origin:	CAN			donor:	Marx	Author:		
Wt	3410 W1	0	Ra	75207	V	CV	K	
Name:	Tohoku	yob/yinc:	73 / 74	Other info:				
Origin:	JPN			donor:	Hiratsuka	Author:		
Wt	3411 W1	0	Ra	75208	V	CV	K	
Name:	Adoptiv	yob/yinc:	73 / 74	Other info:				
Origin:	SWE			donor:	Sofia,IGPB	Author:		
Wt	3412 W1	0	Ra	75654	V	CV	K	
Name:	Idabell	yob/yinc:	73 / 74	Other info:				
Origin:	CAN			donor:	Slinkard	Author:		
Wt	3413 W1	0	Ra	76254/97	E	PO	K	
Name:	Population - 3 (6542)	yob/yinc:	73 / 74	Other info:				
Origin:	IND			donor:	VIR	Author:		

PISUM COLLECTION WIATROWO - TAXONOMY

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SP: sativum L. s. l.
 SSP: sativum
 CONV: sativum
 VAR: glaucospermum

				CLASSIFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	3414 Wl	0	Ra 75012	E	PO	K	
Name:	Population - 4	yob/yinc:	73 / 74	Other info:			
Origin:	USA			donor:	Marx	Author:	
Wt	3415 Wl	0	Ra 76248/98	E	PO	K	
Name:	Population - 6 (43)	yob/yinc:	/	Other info:			
Origin:	USA			donor:	Marx	Author:	
Wt	3416 Wl	0	Ra 75013	V	CV	K	
Name:	Riitto	yob/yinc:	73 / 74	Other info:			
Origin:	FIN			donor:	Cousin	Author:	
Wt	3417 Wl	0	Ra 77083/00	V	CV	K	
Name:	Svoboda	yob/yinc:	73 / 74	Other info:			
Origin:	CSK			donor:	Ruzyne	Author:	
Wt	3418 Wl	2253	Ra 76079/94	V	CV	K	
Name:	Express	yob/yinc:	73 / 74	Other info:			
Origin:				donor:	Tapioszele	Author:	
Wt	3419 Wl	0	Ra 75014	V	CV	K	
Name:	Mammoth Podded Extra Early	yob/yinc:	73 / 74	Other info:			
Origin:	USA			donor:	Lehmann	Author:	
Wt	3420 Wl	0	Ra 77503/08	E	PO	K	
Name:	Population - 5	yob/yinc:	73 / 74	Other info:			
Origin:	Wisconsin			donor:	Marx	Author:	
Wt	3421 Wl	0	Ra 75764/88	V	CV	K	
Name:	Lgowskij Zelenozernyj	yob/yinc:	74 / 75	Other info:			
Origin:	SUN			donor:	Ruzyne	Author:	
Wt	3422 Wl	0	Ra 75765/88	E	PO	K	
Name:	Peru-1	yob/yinc:	/	Other info:			
Origin:	PER			donor:	Crampton	Author:	
Wt	3423 Wl	0	Ra 76255/97	E	PO	K	
Name:	Population - 7	yob/yinc:	/	Other info:			
Origin:	IND			donor:	Sharma	Author:	
Wt	3424 Wl	0	Ra 75655	V	CV	K	
Name:	Uladowskij 652	yob/yinc:	/	Other info:			
Origin:	SUN			donor:	VIR	Author:	

PISUM COLLECTION WIATROWO - TAXONOMY

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SP: sativum L. s. l.
 SSP: sativum
 CONV: sativum
 VAR: glaucospermum

					CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	3425	W1	0	Ra	77250/01	V	CV	K
Name:	Kaleva	yob/yinc:	/	Other info:				
Origin:	FIN			donor:	Ruzyne	Author:		
Wt	3426	W1	0	Ra	77084/00	V	CV	K
Name:	Nan-czin-tjen-von-don	yob/yinc:	/	Other info:				
Origin:	VNM			donor:	Lehmann	Author:		
Wt	3427	W1	2230	Ra	77504/08	V	CV	K
Name:	Balva	yob/yinc:	/	Other info:				
Origin:	SUN			donor:	Ruzyne	Author:		
Wt	3428	W1	0	Ra	77085/00	V	CV	K
Name:	Moskowskij 553	yob/yinc:	/	Other info:				
Origin:	SUN			donor:	VIR	Author:		
Wt	3429	W1	1987	Ra	77505/08	V	CV	K
Name:	Smolenskij 812	yob/yinc:	/	Other info:				
Origin:	SUN			donor:	VIR	Author:		
Wt	3430	W1	2438	Ra	76256/98	V	CV	K
Name:	Rimpaus Gruene Victoria	yob/yinc:	/	Other info:				
Origin:	DDR			donor:	Lehmann	Author:		
Wt	3431	W1	0	Ra	75656	E	PO	K
Name:	Jo 06638	yob/yinc:	/	Other info:				
Origin:	FIN			donor:		Author:		
Wt	3432	W1	0	Ra	75766/88	E	PO	K
Name:	Population - 8 (622)	yob/yinc:	/	Other info:				
Origin:				donor:	Aitken	Author:		
Wt	3433	W1	0	Ra	75209	E	PO	K
Name:	Population - 9 (633)	yob/yinc:	/	Other info:				
Origin:				donor:	Aitken	Author:		
Wt	3434	W1	0	Ra	75210	E	PO	K
Name:	Population - 10 (706)	yob/yinc:	/	Other info:				
Origin:				donor:	Aitken	Author:		
Wt	3435	W1	0	Ra	75767/88	E	PO	K
Name:	Population - 11	yob/yinc:	/	Other info:				
Origin:	Wisconsin			donor:	Marx	Author:		

PISUM COLLECTION WIATROWO - TAXONOMY

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SP: sativum L. s. l.
 SSP: sativum
 CONV: sativum
 VAR: glaucospermum

				CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	3436 W1	0	Ra 77506/08	E	PO	K	
Name:	Population - 12	yob/yinc:	/	Other info:			
Origin:				donor:	Marx	Author:	
Wt	3437 W1	0	Ra 77507/08	V	CV	K	
Name:	Campbell Scotch	yob/yinc:	83 / 84	Other info:			
Origin:	T.Laxtx[Del Ear ScxssAlask sg]			donor:	USA	Author:	Campbell Inst.
Wt	3438 W1	0	Ra 75967/94	V	CV	K	
Name:	Garfield I	yob/yinc:	83 / 84	Other info:			
Origin:	USA			donor:	Beltsville	Author:	
Wt	3439 W1	0	Ra 77508/08	V	CV	K	
Name:	Tracer	yob/yinc:	83 / 84	Other info:			
Origin:	USA			donor:	Beltsville	Author:	
Wt	3440 W1	0	Ra 77509/08	V	CV	K	
Name:	Tracer 81	yob/yinc:	83 / 84	Other info:			
Origin:	USA			donor:	Beltsville	Author:	
Wt	3441 W1	0	Ra 75968/94	V	CV	K	
Name:	Garfield II	yob/yinc:	83 / 84	Other info:			
Origin:	USA			donor:	Beltsville	Author:	
Wt	3442 W1	0	Ra 75405	V	CV	K	
Name:	Alaska 28-57 WR	yob/yinc:	83 / 84	Other info:			
Origin:	Northrup King			donor:	Pedzinski	Author:	
Wt	3443 W1	0	Ra 75414	V	CV	K	
Name:	Alesia	yob/yinc:	83 / 84	Other info:			
Origin:				donor:	Pedzinski	Author:	
Wt	3444 W1	0	Ra 75435	V	XD	K	
Name:	S-58	yob/yinc:	83 / 84	Other info:			
Origin:	NLD			donor:	Pedzinski	Author:	
Wt	3445 W1	0	Ra 75436	V	XD	K	
Name:	Peas Alaska	yob/yinc:	83 / 84	Other info:			
Origin:	USA			donor:	Pedzinski	Author:	
Wt	3446 W1	0	Ra 75440/95	V	CV	K	
Name:	Eclipse	yob/yinc:	83 / 84	Other info:			
Origin:	GBR			donor:	Pedzinski	Author:	

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SP: sativum L. s. l.
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 CONV: sativum
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					CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	3447	W1	0 Ra	75441	V	CV	K	
Name:	Express a Longue Cosse	yob/yinc:	83 / 84	Other info:				
Origin:	Vilmorin	donor:		Author:	Pedzinski			
Wt	3448	W1	0 Ra	75449/95	V	XD	K	
Name:	Vedelte de Sharpe	yob/yinc:	83 / 84	Other info:				
Origin:	GBR	donor:		Author:	Pedzinski			
Wt	3449	W1	0 Ra	75450/95	V	CV	K	
Name:	Bohtyfull	yob/yinc:	83 / 84	Other info:				
Origin:	CSK	donor:		Author:	Pedzinski			
Wt	3450	W1	0 Ra	75454/95	V	CV	K	
Name:	Fin de la Bierre	yob/yinc:	83 / 84	Other info:				
Origin:	Vilmorin	donor:		Author:	Pedzinski			
Wt	3451	W1	0 Ra	75455/95	V	CV	K	
Name:	Slovensky Konserwowy	yob/yinc:	83 / 84	Other info:				
Origin:	CSK	donor:		Author:	Pedzinski			
Wt	3452	W1	0 Ra	75456	V	CV	K	
Name:	Foreumer	yob/yinc:	83 / 84	Other info:				
Origin:	GBR	donor:		Author:	Pedzinski			
Wt	3453	W1	0 Ra	75485/95	V	CV	K	
Name:	Konserven Koenigin	yob/yinc:	83 / 84	Other info:				
Origin:	NLD	donor:		Author:	Pedzinski			
Wt	3454	W1	0 Ra	75493/95	V	CV	K	
Name:	Exalda	yob/yinc:	83 / 84	Other info:				
Origin:	NLD, Sluis & Groot	donor:		Author:	Pedzinski			
Wt	3455	W1	0 Ra	75969/94	L	PO	K	
Name:	E 0258	yob/yinc:	83 / 85	Other info:				
Origin:		donor:		Author:	IHAR			
Wt	3456	W1	0 Ra	77510/08	L	PO	K	
Name:	Kaluzynskaja Oblast	yob/yinc:	83 / 85	Other info:				
Origin:		donor:		Author:	IHAR			
Wt	3457	W1	0 Ra	76092/96	V	CV	K	
Name:	Kauposiemen	yob/yinc:	83 / 85	Other info:				
Origin:		donor:		Author:	IHAR			

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SP: sativum L. s. l.
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 CONV: sativum
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				CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	3458 Wl	0	Ra 77511/08	L	PO	K	
Name:	Litewski Miejscowy	yob/yinc:	83 / 85	Other info:			
Origin:				donor: IHAR		Author:	
Wt	3459 Wl	0	Ra 77512/08	V	CV	K	
Name:	Maisieger	yob/yinc:	83 / 85	Other info:			
Origin:				donor: IHAR		Author:	
Wt	3460 Wl	0	Ra 77513/08	V	CV	K	
Name:	Moskowskij 13-572	yob/yinc:	83 / 85	Other info:			
Origin:				donor: IHAR		Author:	
Wt	3461 Wl	0	Ra 76321/98	V	CV	K	
Name:	Moskiewski 559	yob/yinc:	83 / 85	Other info:			
Origin:				donor: IHAR		Author:	
Wt	3462 Wl	0	Ra 77514/08	V	CV	K	
Name:	Moskiewski 572	yob/yinc:	83 / 85	Other info:			
Origin:				donor: IHAR		Author:	
Wt	3463 Wl	0	Ra 77515/08	V	CV	K	
Name:	Ostrogosk	yob/yinc:	83 / 85	Other info:			
Origin:				donor: IHAR		Author:	
Wt	3464 Wl	0	Ra 77086/00	V	CV	K	
Name:	Shors Rappaldshoefer	yob/yinc:	83 / 85	Other info:			
Origin:				donor: IHAR		Author:	
Wt	3465 Wl	0	Ra 76094/96	V	CV	K	
Name:	Skory Express	yob/yinc:	83 / 85	Other info:			
Origin:				donor: IHAR		Author:	
Wt	3466 Wl	0	Ra 77516/08	V	CV	K	
Name:	Sturbes Gruene Victoria	yob/yinc:	83 / 85	Other info:			
Origin:				donor: IHAR		Author:	
Wt	3467 Wl	0	Ra 76099/96	V	CV	K	
Name:	Budai Gyongy	yob/yinc:	83 / 85	Other info:			
Origin:				donor: IHAR		Author:	
Wt	3468 Wl	0	Ra 76101/96	V	CV	K	
Name:	Cristal	yob/yinc:	83 / 85	Other info:			
Origin:				donor: IHAR		Author:	

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SP: sativum L. s. l.
 SSP: sativum
 CONV: sativum
 VAR: glaucospermum

					CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	3469	W1	0 Ra	77517/08	V	CV	K	
Name:	Eesti Hall	yob/yinc:	83 / 85	Other info:				
Origin:				donor:	IHAR	Author:		
Wt	3470	W1	0 Ra	77518/08	V	CV	K	
Name:	Hadmerslebener Gruene	yob/yinc:	83 / 85	Other info:				
Origin:				donor:	IHAR	Author:		
Wt	3471	W1	0 Ra	76105/96	V	CV	K	
Name:	Hustler	yob/yinc:	83 / 85	Other info:				
Origin:				donor:	IHAR	Author:		
Wt	3472	W1	0 Ra	76257/97	V	CV	K	
Name:	Prebohaty	yob/yinc:	83 / 85	Other info:				
Origin:				donor:	IHAR	Author:		
Wt	3473	W1	0 Ra	76258/97	L	PO	K	
Name:	No 570	yob/yinc:	83 / 85	Other info:				
Origin:				donor:	IHAR	Author:		
Wt	3474	W1	0 Ra	77519/08	V	CV	K	
Name:	Peragis Gruene Perla	yob/yinc:	83 / 85	Other info:				
Origin:				donor:	IHAR	Author:		
Wt	3475	W1	0 Ra	75593	L	PO	K	
Name:	E 0245	yob/yinc:	83 / 85	Other info:				
Origin:				donor:	IHAR	Author:		
Wt	3476	W1	0 Ra	77520/08	L	PO	K	
Name:	E 0356	yob/yinc:	/	Other info:				
Origin:				donor:	IHAR	Author:		
Wt	3477	W1	0 Ra	75563/85	V	CV	K	
Name:	Serpette Express Vert	yob/yinc:	83 / 85	Other info:				
Origin:				donor:	IHAR	Author:		
Wt	3478	W1	0 Ra	75594	V	CV	K	
Name:	Sinikka	yob/yinc:	83 / 85	Other info:				
Origin:				donor:	IHAR	Author:		
Wt	3480	W1	0 Ra	75565/85	V	CV	K	
Name:	Saturnm	yob/yinc:	80 / 85	Other info:				
Origin:	SUN			donor:	IHAR	Author:		

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SP: sativum L. s. l.
 SSP: sativum
 CONV: sativum
 VAR: glaucospermum

				CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	3481 W1	0 Ra	75566/85	L	XD	K	
Name:	Green Seeds	yob/yinc:	83 / 85	Other info:			
Origin:	(Aga * Nadja) * Bohatir			donor:	Swiecicki	Author:	
Wt	3482 W1	Ra	75934/89	V	CV	K	
Name:	Szesciotygodniowy	yob/yinc:	90 / 90	Other info:			
Origin:	POL, SHRO Petryki			donor:	Petryki	Author:	
Wt	3483 W1	Ra	75096	L	XD	K	
Name:	RKs 2952	yob/yinc:	90 / 90	Other info:			
Origin:				donor:	ZKZG-IHAR	Author:	
Wt	3484 W1	Ra	76259/97	E	CO	K	
Name:	E 1477	yob/yinc:	87 / 92	Other info:			
Origin:				donor:	IHAR-ZKZG	Author:	
Wt	3485 W1	Ra	77187/00	E	CO	K	
Name:	PRZ21	yob/yinc:	99 / 00	Other info:			
Origin:	POL, Podkarpacie,			donor:	IHAR	Author:	
Wt	3486 W1	Ra	77189/00	E	CO	K	
Name:	PRZ111	yob/yinc:	99 / 00	Other info:			ela49535,elo22298
Origin:	POL, Podkarpacie,			donor:	IHAR	Author:	

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SP: sativum L. s. l.
 SSP: sativum
 CONV: sativum
 VAR: gratiosum

					CLASS IFICATION	TYPE	MAINTE NANCE	TYPE OF USAGE
Wt	3501	W1	0 Ra	75657	V	CV	K	
Name:	Ansvani	yob/yinc:	/ 72	Other info:				
Origin:	ITA			donor:	Lehmann	Author:		
Wt	3502	W1	1832 Ra	76260/97	L	CO	K	
Name:		yob/yinc:	81 / 81	Other info:				
Origin:	ITA			donor:	Blixt	Author:		
Wt	3503	W1	0 Ra	75211/95	V	CV	K	FS
Name:	Bodil	yob/yinc:	78 / 79	Other info:				
Origin:	NLD			donor:	Cebeco	Author:	Cebeco	
Wt	3504	W1	2384 Ra	77521/08	V	CV	K	
Name:	Buchsbaum Fruehe	yob/yinc:	/	Other info:				
Origin:	DDR, Quedlinburg			donor:	Lehmann	Author:		
Wt	3506	W1	0 Ra	76182/95	V	PO	K	
Name:	Population - 2	yob/yinc:	/ 72	Other info:				
Origin:	TUR			donor:	Izmir	Author:		
Wt	3507	W1	0 Ra	77522/08	V	PO	K	
Name:	Population - 3	yob/yinc:	/ 72	Other info:				
Origin:	TUR			donor:	Izmir	Author:		
Wt	3508	W1	0 Ra	77523/08	V	PO	K	
Name:	Population - 4	yob/yinc:	/ 72	Other info:				
Origin:	TUR			donor:	Izmir	Author:		
Wt	3510	W1	0 Ra	75213/95	E	PO	K	
Name:	Population - 5	yob/yinc:	/	Other info:				
Origin:	TUR			donor:	Izmir	Author:		
Wt	3511	W1	2011 Ra	77735/04	L	CV	K	
Name:	Buchsbaum I (Type Annonay)	yob/yinc:	81 / 81	Other info:				
Origin:				donor:	Blixt	Author:		
Wt	3512	W1	0 Ra	75214/95	E	PO	K	
Name:	Population - 6	yob/yinc:	/	Other info:				
Origin:	TUR			donor:	Izmir	Author:		
Wt	3513	W1	0 Ra	75015	V	CV	K	
Name:	Zefir	yob/yinc:	79 / 80	Other info:				
Origin:	Bulawa x Orlik			donor:	Sobotka	Author:	Bialowas	

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SP: sativum L. s. l.
 SSP: sativum
 CONV: sativum
 VAR: gratiosum

					CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	3518 W1	1756	Ra	75016	V	CV	K	
Name:	Flavanda	yob/yinc:	/ 70	Other info:				
Origin:	NLD	donor:	Cebeco	Author:	Cebeco			
Wt	3519 W1	2202	Ra	75143/82	V	CV	K	
Name:	Porta	yob/yinc:	/ 80	Other info:				
Origin:	NLD	donor:	Cebeco	Author:	Cebeco			
Wt	3520 W1	0	Ra	77524/08	V	CV	K	
Name:	Tabu	yob/yinc:	/ 72	Other info:				
Origin:		donor:	Lehmann	Author:				
Wt	3521 W1	0	Ra	77525/08	V	CV	K	
Name:	Annoney	yob/yinc:	73 / 74	Other info:				
Origin:	CAN	donor:	Slinkard	Author:				
Wt	3522 W1	2597	Ra	77526/08	V	CV	K	
Name:	Venloese Lage	yob/yinc:	73 / 74	Other info:				
Origin:	Weissenfels	donor:	Lehmann	Author:				
Wt	3523 W1	1985	Ra	77527/08	V	CV	K	
Name:	Allerfrueheste Mai	yob/yinc:	73 / 74	Other info:				
Origin:	Germany	donor:	Lehmann	Author:				
Wt	3525 W1	0	Ra	77528/08	V	CV	K	
Name:	Dunav	yob/yinc:	73 / 74	Other info:				
Origin:	BGR	donor:	Lehmann	Author:				
Wt	3526 W1	0	Ra	77529/08	E	PO	K	
Name:	Population - 7	yob/yinc:	73 / 74	Other info:				
Origin:	NLD	donor:	Marx	Author:				
Wt	3527 W1	0	Ra	75393/95	V	CV	K	FS
Name:	Paloma	yob/yinc:	74 / 75	Other info:				
Origin:	(Ceb5544- 60.1xgeleuitTanz	donor:	Cebeco	Author:	Cebeco			
Wt	3529 W1	0	Ra	75564/85	V	CV	K	
Name:	Rondvil	yob/yinc:	/	Other info:				
Origin:	FRA	donor:	Cousin	Author:				
Wt	3530 W1	0	Ra	76267/97	L	XD	K	
Name:	St-27	yob/yinc:	/	Other info:				
Origin:	DDR	donor:	Melzer	Author:				

PISUM COLLECTION WIATROWO - TAXONOMY

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SP: sativum L. s. l.
 SSP: sativum
 CONV: sativum
 VAR: gratiosum

					CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	3531	W1	0 Ra	76268/97	L	XD	K	
Name:	R 10	yob/yinc:	79 / 80	Other info:				
Origin:	DDR	donor:		Melzer		Author:		
Wt	3533	W1	0 Ra	75017	L	XD	K	
Name:	CL 396	yob/yinc:	79 / 80	Other info:				
Origin:		donor:				Author:		
Wt	3535	W1	0 Ra	77530/08	V	CV	K	
Name:	Juran	yob/yinc:	79 / 80	Other info:				
Origin:	CSK, Horni Streda	donor:		Rapij		Author:		
Wt	3536	W1	0 Ra	75877/89	V	CV	K	
Name:	Belinda (Cebeco 406)	yob/yinc:	83 / 83	Other info:				
Origin:		donor:		COBORU		Author:	CEBECO	
Wt	3537	W1	0 Ra	76898/99	V	CV	K	
Name:	Aga	yob/yinc:	83 / 84	Other info:				
Origin:	DDR	donor:				Author:		
Wt	3538	W1	0 Ra	75878/95	V	CV	K	
Name:	Miranda	yob/yinc:	83 / 84	Other info:				
Origin:		donor:		INRA-GEVES		Author:	CEBECO	
Wt	3540	W1	0 Ra	75419	V	CV	K	
Name:	Mainiedrige	yob/yinc:	83 / 84	Other info:				
Origin:	Ohlsens Enke	donor:		Pedzinski		Author:		
Wt	3541	W1	0 Ra	75447	V	CV	K	
Name:	Radio	yob/yinc:	83 / 84	Other info:				
Origin:	USA	donor:		Pedzinski		Author:		
Wt	3542	W1	0 Ra	77531/08	L	PO	K	
Name:	No 568	yob/yinc:	83 / 85	Other info:				
Origin:		donor:		IHAR		Author:		
Wt	3543	W1	0 Ra	75970/94	V	CV	K	
Name:	Iregi P.I.	yob/yinc:	83 / 85	Other info:				
Origin:		donor:		IHAR		Author:		
Wt	3544	W1	0 Ra	77532/08	V	CV	K	
Name:	Amino	yob/yinc:	83 / 85	Other info:				
Origin:		donor:		IHAR		Author:		

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SP: sativum L. s. l.
 SSP: sativum
 CONV: sativum
 VAR: gratiosum

				CLASSIFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	3545	W1	0 Ra	77533/08	V	CV	K
Name:	Tolbuchin 1	yob/yinc:	83 / 85	Other info:			
Origin:				donor:	IHAR	Author:	
Wt	3546	W1	0 Ra	77736/04	V	CV	K
Name:	Kurz und Gut	yob/yinc:	83 / 85	Other info:			
Origin:				donor:	IHAR	Author:	
Wt	3547	W1	Ra	75971/94	V	CV	K
Name:	Stehgolt	yob/yinc:	86 / 88	Other info:			20015
Origin:				donor:	DDR,Melzer	Author:	
Wt	3548	W1	Ra	75972/94	V	CV	K
Name:	Belman	yob/yinc:	86 / 88	Other info:			20016
Origin:	DNK			donor:	Dansk	Author:	
Wt	3549	W1	Ra	75768/88	V	CV	K
Name:	Pontus	yob/yinc:	86 / 88	Other info:			20017
Origin:	DNK			donor:	Dansk	Author:	
Wt	3550	W1	Ra	76033/94	V	CV	K
Name:	Cilla	yob/yinc:	86 / 88	Other info:			20018
Origin:	DNK			donor:	Dansk	Author:	
Wt	3551	W1	Ra	75973/94	V	XD	
Name:	Cebeco 414	yob/yinc:	86 / 88	Other info:			20022
Origin:	NLD, Cebeco			donor:	Geertsema	Author:	
Wt	3552	W1	Ra	75769/88	V	CV	K
Name:	Elektron	yob/yinc:	86 / 88	Other info:			WTD 382
Origin:	(Por.*Hadm.Gru ne)*(Dik			donor:	POL Swiec.	Author:	Swiecicki
Wt	3553	W1	Ra	77087/00	V	CV	K
Name:	Amindo	yob/yinc:	87 / 88	Other info:			20059
Origin:	BRG			donor:	BGRC 45619	Author:	
Wt	3554	W1	Ra	77534/08	V	CV	K
Name:	Miranda	yob/yinc:	87 / 88	Other info:			20069
Origin:				donor:	BGRC 51407	Author:	
Wt	3555	W1	Ra	76069/94	V	CV	K
Name:	Katrin	yob/yinc:	87 / 88	Other info:			20070
Origin:	DEU			donor:	BGRC 51411	Author:	

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SP: sativum L. s. l.
 SSP: sativum
 CONV: sativum
 VAR: gratiosum

				CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	3556 W1	Ra	75626	V	CV	K	
Name:	Junak	yob/yinc:	85 / 89	Other info:			
Origin:	CSK, Horna Streda			donor:	H.Streda	Author:	
Wt	3557 W1	Ra	75889/89	V	CV	K	
Name:	Ergo	yob/yinc:	89 / 90	Other info:			
Origin:	(DelfinxSzlach.Perla)xS-5087/7			donor:	Madajewski	Author:	Madajewski,POA
Wt	3558 W1	Ra	75887/95	V	XD	K	
Name:	WTD 785	yob/yinc:	90 / 90	Other info:			
Origin:	(Delfin x Neuga)x Paloma			donor:	Swiecicki	Author:	Swiecicki
Wt	3559 W1	Ra	75888/89	V	CV	K	
Name:	Rodan	yob/yinc:	90 / 90	Other info:			
Origin:	Neuga x(Delfin x Szlach.Perla)			donor:	Madajewski	Author:	Madaj.,Cizinska,Paul
Wt	3560 W1	Ra	75103	L	XD	K	
Name:	R 1/79	yob/yinc:	82 / 90	Other info:			
Origin:				donor:	ZKZG-IHAR	Author:	
Wt	3561 W1	Ra	75104	L	XD	K	
Name:	R 434/73	yob/yinc:	82 / 90	Other info:			
Origin:				donor:	ZKZG-IHAR	Author:	
Wt	3562 W1	Ra	75100	L	XD	K	
Name:	2/79	yob/yinc:	82 / 90	Other info:			
Origin:				donor:	ZKZG-IHAR	Author:	
Wt	3563 W1	Ra	75112	L	XD	K	
Name:	WIA 1/79	yob/yinc:	82 / 90	Other info:			
Origin:				donor:	ZKZG-IHAR	Author:	
Wt	3564 W1	Ra	75974/94	V	CV	K	
Name:	Frilene	yob/yinc:	89 / 90	Other info:			
Origin:				donor:	Sadovo BGR	Author:	
Wt	3565 W1	Ra	75975/94	L	XD	K	
Name:	No.11	yob/yinc:	89 / 90	Other info:			
Origin:				donor:	Sadovo BGR	Author:	
Wt	3566 W1	Ra	75976/94	V	CV	K	
Name:	Friyoune	yob/yinc:	89 / 90	Other info:			
Origin:				donor:	Sadovo BGR	Author:	

PISUM COLLECTION WIATROWO - TAXONOMY

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SP: sativum L. s. l.
 SSP: sativum
 CONV: sativum
 VAR: gratiosum

				CLASS IFICATION	TYPE	MAINTE NANCE	TYPE OF USAGE
Wt	3567 W1	Ra	76106/96	V	CV	K	
Name:	Procon	yob/yinc:	89 / 91	Other info:			
Origin:	USA			donor:	Un.Minneso	Author:	R.C.Robinson,USA
Wt	3568 W1	Ra	75773/88	V	CV	K	FS
Name:	Perkun	yob/yinc:	77 / 78	Other info:			
Origin:	Finale x Porta, WTD 281			donor:	Swiecicki	Author:	Swiecicki
Wt	3570 W1	Ra	77251/01	V	CV	K	
Name:	Fortune	yob/yinc:	95 / 95	Other info:			
Origin:				donor:	POL, IHAR	Author:	
Wt	3571 W1	Ra	77252/01	V	CV	K	
Name:	Triolo	yob/yinc:	95 / 95	Other info:			
Origin:				donor:	POL, IHAR	Author:	
Wt	3572 W1	Ra	77253/01	V	CV	K	
Name:	Kiri	yob/yinc:	93 / 95	Other info:			
Origin:				donor:	GBR	Author:	
Wt	3573 W1	Ra	76269/97	V	CV	K	
Name:	Rugel	yob/yinc:	93 / 96	Other info:			
Origin:	J1143 * Birte			donor:		Author:	
Wt	3574 W1	Ra	76160/96	V	CV	K	
Name:	Bielik	yob/yinc:	95 / 96	Other info:			
Origin:	SZC 1091			donor:	Wenclowicz	Author:	
Wt	3575 W1	Ra	76362/98	V	CV	K	
Name:	Birte	yob/yinc:	95 / 96	Other info:			
Origin:				donor:		Author:	
Wt	3576 W1	Ra	76161/96	V	CV	K	
Name:	Schobi	yob/yinc:	95 / 96	Other info:			
Origin:				donor:		Author:	
Wt	3577 W1	Ra	77536/08	V	CV	K	
Name:	Jaspis	yob/yinc:	96 / 97	Other info:			
Origin:	POL, SOD 1993			donor:		Author:	Tomaszewska
Wt	3578 W1	Ra	77537/08	V	CV	K	
Name:	Perla	yob/yinc:	96 / 97	Other info:			
Origin:	POL, SOD 1289			donor:		Author:	Tomaszewska

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SP: sativum L. s. l.
 SSP: sativum
 CONV: sativum
 VAR: gratiosum

				CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	3579 W1	Ra	77209/00	V	CV	K	
Name:	Tambo	yob/yinc:	95 / 00	Other info:			
Origin:	POL, WTD 4130(K.638)			donor:	Swiecicki	Author:	Swiecicki
Wt	3580 W1	Ra	77219/00	V	CV	K	
Name:	Stig	yob/yinc:	00 / 00	Other info:			
Origin:	POL, (PSS158*Maxi)*			donor:	Wiatrowo	Author:	Swiecicki
Wt	3581 W1	Ra	77220/00	V	CV	K	
Name:	Set	yob/yinc:	00 / 00	Other info:			
Origin:	POL, selected			donor:	Swiecicki	Author:	Wieclawice
Wt	3582 W1	Ra		L	PO	K	
Name:	POL SWI 05-82	yob/yinc:	/	Other info:			
Origin:	Wies Katy, Swietokrzyskie			donor:	IHAR	Author:	

PISUM COLLECTION WIATROWO - TAXONOMY

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SP: sativum L. s. l.
 SSP: sativum
 CONV: sativum
 VAR: jesseni

					CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	3601	W1	2250	Ra	76270/97	V	CV	K
Name:	Early Blue	yob/yinc:	/	Other info:				
Origin:		donor:			Ruzyne	Author:		
Wt	3602	W1	0	Ra	76271/97	V	CV	K
Name:	Maro	yob/yinc:	/	Other info:				
Origin:	NLD	donor:			Ruzyne	Author:		
Wt	3603	W1	0	Ra	76272/97	V	CV	K
Name:	Murillo	yob/yinc:	/ 72	Other info:				
Origin:	ESP	donor:			Ruzyne	Author:		
Wt	3604	W1	0	Ra	76366/98	V	CV	K
Name:	Rapid a Longe Cosse	yob/yinc:	/ 72	Other info:				
Origin:	FRA	donor:			Lehmann	Author:		
Wt	3605	W1	0	Ra	77538/08	V	CV	K
Name:	Super Early	yob/yinc:	/ 69	Other info:				
Origin:	USA	donor:			Tapioszele	Author:		
Wt	3606	W1	0	Ra	77539/08	V	CV	K
Name:	Ao Tenashi	yob/yinc:	73 / 74	Other info:				
Origin:	JPN	donor:			Hiratsuka	Author:		
Wt	3607	W1	0	Ra	76273/97	E	PO	K
Name:	Population - 1	yob/yinc:	73 / 74	Other info:				
Origin:	NLD	donor:			Marx	Author:		
Wt	3608	W1	2419	Ra	75018	V	CV	K
Name:	Marrowfat	yob/yinc:	/	Other info:				
Origin:	GBR	donor:			Lehmann	Author:		
Wt	3609	W1	2486	Ra	77088/00	V	CV	K
Name:	Chatenay	yob/yinc:	73 / 74	Other info:				
Origin:	CAN	donor:			Slinkard	Author:		
Wt	3610	W1	2251	Ra	76274/97	V	CV	K
Name:	Emigrant	yob/yinc:	73 / 74	Other info:				
Origin:	NLD	donor:			Slinkard	Author:		
Wt	3611	W1	0	Ra	76034/94	E	PO	K
Name:	Population - 2	yob/yinc:	/	Other info:				
Origin:		donor:			Aitken	Author:		

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SP: sativum L. s. l.
 SSP: sativum
 CONV: sativum
 VAR: jesseni

					CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	3612	Wl	0	Ra	77089/00	L	XD	K
Name:	Oraniencroon *	yob/yinc:	74 / 75	Other info:				
	Heros							
Origin:	POL	donor:	Swiecicki	Author:	Swiecicki			
Wt	3613	Wl	1833	Ra	77090/00	L	CO	K
Name:		yob/yinc:	81 / 81	Other info:				
Origin:	ITA	donor:	Blixt	Author:				
Wt	3614	Wl	0	Ra	77540/08	V	CV	K
Name:	Frisson	yob/yinc:	83 / 84	Other info:				
Origin:	FRA	donor:	Versailles	Author:				
Wt	3615	Wl	0	Ra	77541/08	V	CV	K
Name:	Frimas	yob/yinc:	83 / 84	Other info:				
Origin:	FRA	donor:	Versailles	Author:				
Wt	3616	Wl	0	Ra	77542/08	V	CV	K
Name:	Kelvedon	yob/yinc:	83 / 85	Other info:				
	Wiscount							
Origin:		donor:	IHAR	Author:				

PISUM COLLECTION WIATROWO - TAXONOMY

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SP: sativum L. s. l.
SSP: sativum
CONV: sativum
VAR: laetum

				CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	4601	W1	0 Ra	75683	V	CV	K
Name:	Buckley	yob/yinc:	/	Other info:			
Origin:				donor:	Aitken	Author:	

PISUM COLLECTION WIATROWO - TAXONOMY

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SP: sativum L. s. l.
 SSP: sativum
 CONV: sativum
 VAR: mesomelan

					CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	3701	W1	0	Ra	77091/00	E	PO	K
Name:	Population - 1 (3439 83)	yob/yinc:	/	Other info:				
Origin:	CAN	donor:	Slinkard	Author:				
Wt	3702	W1	0	Ra	76400/98	V	CO	K
Name:	Fruehjahrerbse	yob/yinc:	/ 72	Other info:				
Origin:		donor:	Lehmann	Author:				
Wt	3703	W1	0	Ra	77092/00	V	CV	K
Name:	Kanadsky Mackay	yob/yinc:	/ 72	Other info:				
Origin:		donor:	Ruzyne	Author:				
Wt	3704	W1	1200	Ra	75021	L	LR	K
Name:	Black-eyed Susanne	yob/yinc:	73 / 74	Other info:				
Origin:	Nepal	donor:	Blixt	Author:				
Wt	3705	W1	1836	Ra	75770/88	L	CO	K
Name:		yob/yinc:	79 / 80	Other info:				
Origin:	ETH	donor:	Blixt	Author:				
Wt	3706	W1	0	Ra	75215	E	PO	K
Name:	Population - 3	yob/yinc:	/	Other info:				
Origin:	Somaliland	donor:	Gentry	Author:				
Wt	3707	W1	0	Ra	77543/08	E	PO	K
Name:	Muenchener Wintererbse	yob/yinc:	/ 69	Other info:				
Origin:		donor:	Lehmann	Author:				
Wt	3709	W1	2299	Ra	76275/97	V	CV	K
Name:	Ojo Negro	yob/yinc:	/ 72	Other info:				
Origin:	ARG	donor:	Lehmann	Author:				
Wt	3710	W1	0	Ra	75019	V	CV	K
Name:	Usui	yob/yinc:	/	Other info:				
Origin:	JPN	donor:	Hiratsuka	Author:				
Wt	3713	W1	0	Ra	77093/00	V	CV	K
Name:	Zairai Wase	yob/yinc:	/	Other info:				
Origin:	JPN	donor:	Hiratsuka	Author:				
Wt	3714	W1	0	Ra	77094/00	V	CV	K
Name:	Feltham First Tall	yob/yinc:	/	Other info:				
Origin:		donor:	Nowacki	Author:				

PISUM COLLECTION WIATROWO - TAXONOMY

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SP: sativum L. s. l.
 SSP: sativum
 CONV: sativum
 VAR: mesomelan

				CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	3715 W1	0 Ra	75020	E	PO	K	
Name:	Population - 4	yob/yinc:	73 / 74	Other info:			
Origin:	Hindukusch			donor:	Lehmann	Author:	
Wt	3716 W1	Ra	77544/08	E	PO	K	
Name:	Population-5 Susan	yob/yinc:	80 / 81	Other info:			
Origin:				donor:		Author:	
Wt	3717 W1	0 Ra	76276/97	E	PO	K	
Name:	Population - 6	yob/yinc:	/	Other info:			
Origin:	IND			donor:	Sharma	Author:	
Wt	3719 W1	0 Ra	75022	V	CV	K	
Name:	Proteus	yob/yinc:	79 / 80	Other info:			
Origin:				donor:		Author:	
Wt	3720 W1	0 Ra	75526	V	CV	K	
Name:	Peas Black Eyed Morrowfat	yob/yinc:	83 / 85	Other info:			
Origin:	JPN, Takii and Co.			donor:	Pedzinski	Author:	
Wt	3721 W1	0 Ra	75088/88	V	CV	K	
Name:	Mige	yob/yinc:	84 / 85	Other info:			
Origin:	(Wasata x l. GL.79) x IP III			donor:	Przebedowo	Author:	Mikolajczyk
Wt	3722 W1	0 Ra	76107/96	V	CV	K	
Name:	Jeleniecki	yob/yinc:	89 / 90	Other info:			
Origin:				donor:	Powsin PAN	Author:	
Wt	3723 W1	Ra	76027/94	V	CV	K	
Name:	Albatros	yob/yinc:	93 / 94	Other info:			
Origin:	POL, Szyldak			donor:	Wenclowicz	Author:	Wenclowicz
Wt	3724 W1	Ra	77210/00	V	CV	K	
Name:	Kier	yob/yinc:	99 / 00	Other info:			
Origin:	POL, KOB794			donor:	Wiatrowo	Author:	Kosieczyn

PISUM COLLECTION WIATROWO - TAXONOMY

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SP: sativum L. s. l.
 SSP: sativum
 CONV: sativum
 VAR: nanoanglicum

					CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	3801 W1	0	Ra 76277/97		V	CV	K	
Name:	Dik Trom	yob/yinc:	/ 69	Other info:				
Origin:	Pauli x(Rondo C.B.xProfussion)			donor:	Cebeco	Author:		
Wt	3802 W1	2305	Ra 77545/08		V	CV	K	
Name:	Pauli	yob/yinc:	/ 69	Other info:				
Origin:	NLD			donor:	Cebeco	Author:		
Wt	3803 W1	2108	Ra 77095/00		V	CV	K	
Name:	Raman	yob/yinc:	/	Other info:				
Origin:	CSK			donor:	Ruzyne	Author:		
Wt	3804 W1	2594	Ra 75879/95		V	CV	K	
Name:	Rondo C.B.	yob/yinc:	/ 72	Other info:				
Origin:	Unica*(Corona* Vic*Schokker)			donor:	Lehmann	Author:	Lehmann	
Wt	3805 W1	0	Ra 77546/08		V	CV	K	
Name:	Neuga	yob/yinc:	73 / 74	Other info:				
Origin:	DDR, Neugatersleben			donor:	Berger	Author:		
Wt	3806 W1	0	Ra 75216		V	CV	K	
Name:	Oraniencroon	yob/yinc:	/	Other info:				
Origin:	ZAF, Pretoria			donor:		Author:		
Wt	3807 W1	0	Ra 75217		V	CV	K	
Name:	Tekirsdag	yob/yinc:	/ 72	Other info:				
Origin:	TUR			donor:	Izmir	Author:		
Wt	3808 W1	0	Ra 75023		E	PO	K	
Name:	Population - 2 (343987)	yob/yinc:	73 / 74	Other info:				
Origin:	CAN			donor:	Slinkard	Author:		
Wt	3809 W1	0	Ra 76035/94		E	PO	K	
Name:	Population - 3 (TI 381 K)	yob/yinc:	73 / 74	Other info:				
Origin:				donor:	Snoad	Author:		
Wt	3810 W1	2284	Ra 77096/00		V	CV	K	
Name:	Laga	yob/yinc:	73 / 73	Other info:				
Origin:	NLD			donor:	Sofia,IGPB	Author:		
Wt	3811 W1	0	Ra 77547/08		E	PO	K	
Name:	Population - 4	yob/yinc:	73 / 74	Other info:				
Origin:				donor:	Marx	Author:		

PISUM COLLECTION WIATROWO - TAXONOMY

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SP: sativum L. s. l.
 SSP: sativum
 CONV: sativum
 VAR: nanoanglicum

				CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	3812	W1	0 Ra	77053/99	E	PO	K
Name:	Population - 5	yob/yinc:	73 / 74	Other info:			
Origin:	USA	donor:	Marx	Author:			
Wt	3813	W1	1332 Ra		L	CV	K
Name:	Fenomen	yob/yinc:	/ 71	Other info:			
Origin:		donor:	Blixt	Author:			
Wt	3814	W1	0 Ra	76279/97	V	CV	K
Name:	Multipoddet	yob/yinc:	73 / 74	Other info:			
Origin:	GBR	donor:	Snoad	Author:			
Wt	3815	W1	2593 Ra	77548/08	V	CV	K
Name:	Unica	yob/yinc:	73 / 74	Other info:			
Origin:	NLD	donor:	Lehmann	Author:			
Wt	3816	W1	0 Ra	77549/08	V	CV	K
Name:	Vedette	yob/yinc:	73 / 74	Other info:			
Origin:	CAN	donor:	Slinkard	Author:			
Wt	3817	W1	0 Ra	77097/00	V	CV	K
Name:	Lorka	yob/yinc:	73 / 74	Other info:			
Origin:		donor:	Cousin	Author:			
Wt	3818	W1	0 Ra	77550/08	V	CV	K
Name:	Pisellodolcedi	yob/yinc:	73 / 74	Other info:			
Origin:	ITA	donor:	Scar.-Mugn	Author:			
Wt	3819	W1	0 Ra	77551/08	V	CV	K
Name:	Pluto	yob/yinc:	73 / 74	Other info:			
Origin:		donor:	Lehmann	Author:			
Wt	3820	W1	0 Ra	77552/08	V	CV	K
Name:	Parel	yob/yinc:	73 / 74	Other info:			
Origin:	NLD	donor:	Cousin	Author:			
Wt	3821	W1	0 Ra	77098/00	V	CV	K
Name:	Pois Ronde Ain Temouchent	yob/yinc:	/ 69	Other info:			
Origin:	DZA, Jardin d'Essais	donor:		Author:			
Wt	3822	W1	0 Ra	77553/08	V	CV	K
Name:	Pois Ronde	yob/yinc:	/ 69	Other info:			
Origin:	DZA, Jardin d'Essais	donor:		Author:			

PISUM COLLECTION WIATROWO - TAXONOMY

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SP: sativum L. s. l.
 SSP: sativum
 CONV: sativum
 VAR: nanoanglicum

					CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	3823	W1	0 Ra	77554/08	V	CV	K	
Name:	Bartel	yob/yinc:	74 / 75	Other info:				
Origin:				donor:	Cousin	Author:		
Wt	3824	W1	0 Ra		V	CV	K	
Name:	Tezier Prime	yob/yinc:	/	Other info:				
Origin:	FRA			donor:	Cousin	Author:		
Wt	3825	W1	0 Ra	77555/08	V	CV	K	
Name:	Pilet	yob/yinc:	/	Other info:				
Origin:	FRA			donor:	Cousin	Author:		
Wt	3826	W1	0 Ra	77556/08	V	CV	K	
Name:	Oberon	yob/yinc:	/	Other info:				
Origin:	FRA			donor:	Cousin	Author:		
Wt	3827	W1	0 Ra	77557/08	V	CV	K	
Name:	Kalife	yob/yinc:	/	Other info:				
Origin:	FRA			donor:	Cousin	Author:		
Wt	3828	W1	0 Ra	76280/97	V	CV	K	
Name:	Clause-50	yob/yinc:	/	Other info:				
Origin:	FRA			donor:	Cousin	Author:		
Wt	3829	W1	0 Ra	77254/01	V	CV	K	
Name:	Camera	yob/yinc:	/	Other info:				
Origin:	FRA			donor:	Cousin	Author:		
Wt	3830	W1	0 Ra	76281/97	V	CV	K	
Name:	Primavil	yob/yinc:	/	Other info:				
Origin:	FRA			donor:	Cousin	Author:		
Wt	3832	W1	0 Ra	76401/98	V	CV	K	
Name:	Oreste	yob/yinc:	/	Other info:				
Origin:	FRA			donor:	Cousin	Author:		
Wt	3833	W1	0 Ra	77558/08	V	CV	K	
Name:	Jetro	yob/yinc:	/	Other info:				
Origin:	FRA			donor:	Cousin	Author:		
Wt	3834	W1	0 Ra	76282/97	V	CV	K	
Name:	Centvert	yob/yinc:	/	Other info:				
Origin:	FRA			donor:	Cousin	Author:		

PISUM COLLECTION WIATROWO - TAXONOMY

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SP: sativum L. s. l.
 SSP: sativum
 CONV: sativum
 VAR: nanoanglicum

				CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	3835	W1	0 Ra	76463/98	V	CV	K
Name:	Firstcovert	yob/yinc:	/	Other info:			
Origin:	FRA	donor:	Cousin	Author:			
Wt	3836	W1	0 Ra		V	CV	K
Name:	Primcovert	yob/yinc:	/	Other info:			
Origin:	FRA	donor:	Cousin	Author:			
Wt	3837	W1	0 Ra		V	CV	K
Name:	Annc covert	yob/yinc:	/	Other info:			
Origin:	FRA	donor:	Cousin	Author:			
Wt	3838	W1	0 Ra	75772/88	V	CV	K
Name:	Arabal	yob/yinc:	/	Other info:			
Origin:	FRA	donor:	Cousin	Author:			
Wt	3839	W1	0 Ra		V	CV	K
Name:	Petit Breton	yob/yinc:	/	Other info:			
Origin:	FRA	donor:	Cousin	Author:			
Wt	3840	W1	0 Ra		V	CV	K
Name:	Finavil	yob/yinc:	/	Other info:			
Origin:	FRA	donor:	Cousin	Author:			
Wt	3841	W1	0 Ra	76899/99	V	CV	K
Name:	Norcovert	yob/yinc:	/	Other info:			
Origin:	FRA	donor:	Cousin	Author:			
Wt	3842	W1	0 Ra	77559/08	V	CV	K
Name:	Starnain	yob/yinc:	73 / 74	Other info:			
Origin:	FRA	donor:	Cousin	Author:			
Wt	3843	W1	0 Ra	76464/98	V	CV	K
Name:	Hybris	yob/yinc:	/	Other info:			
Origin:	FRA	donor:	Cousin	Author:			
Wt	3844	W1	0 Ra	75218	L	XD	K
Name:	St-21	yob/yinc:	/	Other info:			
Origin:	DDR, Granskewitz	donor:	Melzer	Author:			
Wt	3845	W1	0 Ra	76468/98	L	XD	K
Name:	St-26	yob/yinc:	/	Other info:			
Origin:	DDR, Granskewitz	donor:	Melzer	Author:			

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SP: sativum L. s. l.
 SSP: sativum
 CONV: sativum
 VAR: nanoanglicum

					CLASS IFICATION	TYPE	MAINTE NANCE	TYPE OF USAGE
Wt	3846	W1	2745	Ra	76283/97	V	CV	K
Name:	Heralda	yob/yinc:	/	Other info:				
Origin:	Quedlinburg, Dippe	donor:		Author:	Lehmann			
Wt	3847	W1	0	Ra	76498/98	E	PO	K
Name:	Population - 6	yob/yinc:	/	Other info:				
Origin:	FRA	donor:		Author:	Cousin			
Wt	3848	W1	0	Ra	76284/97	E	PO	K
Name:	Population - 7	yob/yinc:	/	Other info:				
Origin:	YUG	donor:		Author:	Marx			
Wt	3849	W1	0	Ra	76285/97	E	PO	K
Name:	Population - 8	yob/yinc:	/	Other info:				
Origin:	USA	donor:		Author:	Marx			
Wt	3850	W1	0	Ra	77560/08	E	PO	K
Name:	Population - 9	yob/yinc:	/	Other info:				
Origin:	FRA	donor:		Author:	Marx			
Wt	3851	W1	0	Ra	75077	L	XD	K FS
Name:	WTD 4017	yob/yinc:	73 / 74	Other info:				
Origin:	Ranger x Oraniencroon	donor:		Author:	Swiecicki			Swiecicki
Wt	3852	W1	0	Ra	75220	L	XD	K FS
Name:	WTD 4019	yob/yinc:	73 / 74	Other info:				
Origin:	Meteor x Ranger	donor:		Author:	Swiecicki			Swiecicki
Wt	3854	W1	0	Ra	77561/08	V	CV	K FS
Name:	Maxi (Cebeco 102)	yob/yinc:	/	Other info:				
Origin:	All Round x Finale	donor:		Author:	Cebeco			Cebeco
Wt	3855	W1	2160	Ra	77562/08	L	SE	K
Name:	Line 74 sn5	yob/yinc:	79 / 80	Other info:				
Origin:		donor:		Author:	Blixt			
Wt	3856	W1	1783	Ra	76580/98	L	SE	K
Name:	Rtv	yob/yinc:	81 / 81	Other info:				
Origin:		donor:		Author:	Blixt			
Wt	3857	W1	1989	Ra	77737/04	V	CV	K
Name:	Monopol	yob/yinc:	81 / 81	Other info:				
Origin:		donor:		Author:	Blixt			

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SP: sativum L. s. l.
 SSP: sativum
 CONV: sativum
 VAR: nanoanglicum

					CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	3858 W1	0	Ra 77738/04		V	CV	K	
Name:	Printana	yob/yinc:	83 / 84	Other info:				
Origin:	FRA			donor:	Seminor	Author:		
Wt	3859 W1	0	Ra 77099/00		V	CV	K	
Name:	Menivil	yob/yinc:	83 / 84	Other info:				
Origin:	FRA			donor:	Vilmorin	Author:		
Wt	3860 W1	0	Ra 75977/94		V	CV	K	
Name:	Vendevil	yob/yinc:	83 / 84	Other info:				
Origin:	FRA			donor:	Vilmorin	Author:		
Wt	3862 W1	0	Ra 77563/08		V	XD	K	
Name:	WTD 4064	yob/yinc:	84 / 84	Other info:				
Origin:	Finale*(Jupiter * Groot			donor:	Swiecicki	Author:	Swiecicki	
Wt	3863 W1	0	Ra 75402		V	CV	K	
Name:	Sommette	yob/yinc:	83 / 84	Other info:				
Origin:	NLD, Sluis & Groot			donor:	Pedzinski	Author:		
Wt	3864 W1	0	Ra 75408		V	CV	K	
Name:	Fortuna	yob/yinc:	83 / 84	Other info:				
Origin:	Asmer seeds			donor:	Pedzinski	Author:		
Wt	3865 W1	0	Ra 75409		V	CV	K	
Name:	Proval	yob/yinc:	83 / 84	Other info:				
Origin:	Clause			donor:	Pedzinski	Author:		
Wt	3866 W1	0	Ra 75427		V	CV	K	
Name:	Kleine Rheinlaenderin	yob/yinc:	83 / 84	Other info:				
Origin:	Zwaan Kleve			donor:	Pedzinski	Author:		
Wt	3867 W1	0	Ra 75430		V	CV	K	
Name:	Onyx	yob/yinc:	83 / 84	Other info:				
Origin:	Nunhems Zaden			donor:	Pedzinski	Author:		
Wt	3868 W1	0	Ra 75418		V	CV	K	
Name:	Neuzucht	yob/yinc:	83 / 84	Other info:				
Origin:				donor:	Pedzinski	Author:		
Wt	3869 W1	0	Ra 75434		V	CV	K	
Name:	Phaenomen	yob/yinc:	83 / 84	Other info:				
Origin:	GBR			donor:	Pedzinski	Author:		

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SP: sativum L. s. l.
 SSP: sativum
 CONV: sativum
 VAR: nanoanglicum

				CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	3870 W1	0	Ra 77739/04	V	CV	K	
Name:	Petit Provencal	yob/yinc:	83 / 84	Other info:			
Origin:	V. der Ploeg			donor:	Pedzinski	Author:	
Wt	3871 W1	0	Ra 75437	V	CV	K	
Name:	Nunhems Onyx	yob/yinc:	83 / 84	Other info:			
Origin:	Nunhems Zaden			donor:	Pedzinski	Author:	
Wt	3872 W1	0	Ra 75438	V	CV	K	
Name:	Nunhems Danielle	yob/yinc:	83 / 84	Other info:			
Origin:	Nunhems Zaden			donor:	Pedzinski	Author:	
Wt	3873 W1	0	Ra 75497	V	CV	K	
Name:	Polarette	yob/yinc:	83 / 84	Other info:			
Origin:	NLD			donor:	Pedzinski	Author:	
Wt	3874 W1	0	Ra 77740/04	V	CV	K	
Name:	Kronenperle	yob/yinc:	83 / 85	Other info:			
Origin:				donor:	IHAR	Author:	
Wt	3875 W1	0	Ra 77741/04	V	CV	K	
Name:	Liliput	yob/yinc:	83 / 85	Other info:			
Origin:				donor:	IHAR	Author:	
Wt	3876 W1	0	Ra 77564/08	V	CV	K	
Name:	Mala Paryzanka	yob/yinc:	83 / 85	Other info:			
Origin:				donor:	IHAR	Author:	
Wt	3877 W1	0	Ra 77565/08	V	CV	K	
Name:	Kleine Weissenfalterin	yob/yinc:	83 / 85	Other info:			
Origin:				donor:	IHAR	Author:	
Wt	3878 W1	0	Ra 76109/96	V	CV	K	
Name:	Roman	yob/yinc:	83 / 85	Other info:			
Origin:				donor:	IHAR	Author:	
Wt	3879 W1	0	Ra 77566/08	V	CV	K	
Name:	Exalda	yob/yinc:	83 / 85	Other info:			
Origin:				donor:	IHAR	Author:	
Wt	3880 W1	0	Ra 77567/08	L	XD	K	
Name:	Cebeco 508	yob/yinc:	80 / 85	Other info:			
Origin:				donor:	Cebeco	Author:	

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SP: sativum L. s. l.
 SSP: sativum
 CONV: sativum
 VAR: nanoanglicum

				CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	3882 W1	0 Ra	77100/00	V	CV	K	
Name:	Fillbasket	yob/yinc:	83 / 85	Other info:			
Origin:				donor:	IHAR	Author:	
Wt	3883 W1	0 Ra	75978/94	L	XD	K	
Name:	POA 6255	yob/yinc:	83 / 85	Other info:			
Origin:	(Neuga x Wiktoria 800) x			donor:	Madajewski	Author:	
Wt	3884 W1	Ra	76036/94	V	CV	K	
Name:	Heron	yob/yinc:	86 / 88	Other info:			20012
Origin:				donor:		Author:	
Wt	3886 W1	Ra	75979/94	V	CV	K	
Name:	Calypso	yob/yinc:	89 / 90	Other info:			
Origin:				donor:		Author:	
Wt	3887 W1	Ra	77101/00	V	CV	K	
Name:	Calvert	yob/yinc:	88 / 94	Other info:			
Origin:	ITA, DI Portici			donor:	Zielonki	Author:	
Wt	3888 W1	Ra	77102/00	V	CV	K	
Name:	Netlano	yob/yinc:	88 / 94	Other info:			
Origin:	ITA, DI Portici			donor:	Zielonki	Author:	
Wt	3889 W1	Ra	77255/01	V	CV	K	
Name:	Sohvi	yob/yinc:	95 / 95	Other info:			
Origin:				donor:	POL, IHAR	Author:	
Wt	3890 W1	Ra	76162/96	V	CV	K	
Name:	Nefrit	yob/yinc:	95 / 96	Other info:			
Origin:				donor:		Author:	
Wt	3891 W1	Ra		V	CV	K	
Name:	Leopold II	yob/yinc:	08 / 09	Other info:			
Origin:	Gembloux, BEL			donor:		Author:	

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SP: sativum L. s. l.
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 CONV: sativum
 VAR: nanoviride

					CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	3901 W1	118	Ra	76286/97	V	CV	K	
Name:	Extra Rapid	yob/yinc:	/ 71	Other info:				
Origin:	SWE, Weibulls, Hamerland	donor:	Lehmann	Author:				
Wt	3902 W1	2401	Ra	75221	V	CV	K	
Name:	Extra Rapid Weibull	yob/yinc:	/ 72	Other info:				
Origin:	Quedlinburg, Schreiber	donor:	Lehmann	Author:				
Wt	3903 W1	0	Ra	76287/97	V	CV	K	
Name:	Grundmanns Halbhohe	yob/yinc:	/	Other info:				
Origin:		donor:	Lehmann	Author:				
Wt	3904 W1	2452	Ra	76591/98	V	CV	K	
Name:	Illcross	yob/yinc:	/ 69	Other info:				
Origin:	Weissenfels	donor:	Lehmann	Author:				
Wt	3905 W1	0	Ra	76288/97	V	CV	K	
Name:	Komsomolec 11	yob/yinc:	/ 70	Other info:				
Origin:	SUN	donor:	VIR	Author:				
Wt	3906 W1	2303	Ra	76289/97	V	CV	K	
Name:	Orlik	yob/yinc:	/	Other info:				
Origin:	CSK	donor:	Ruzyne	Author:				
Wt	3907 W1	2561	Ra	77568/08	V	CV	K	
Name:	Zeiners Kurze Gruene	yob/yinc:	/ 72	Other info:				
Origin:	DSG, Langenstein	donor:	Lehmann	Author:				
Wt	3908 W1	0	Ra	75658	E	PO	K	
Name:	Population - 1	yob/yinc:	/	Other info:				
Origin:	Aschersleben	donor:	Lehmann	Author:				
Wt	3909 W1	0	Ra	77569/08	V	CV	K	
Name:	Express Dwarf	yob/yinc:	/ 70	Other info:				
Origin:	USA	donor:	Lehmann	Author:				
Wt	3910 W1	2357	Ra	76592/98	V	SE	K	FS
Name:	IP-2	yob/yinc:	/	Other info:				
Origin:	HUN	donor:	Tapioszele	Author:				
Wt	3911 W1	2115	Ra	76295/97	V	CV	K	
Name:	Cobri	yob/yinc:	73 / 74	Other info:				
Origin:	NLD	donor:	Lehmann	Author:				

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SP: sativum L. s. l.
 SSP: sativum
 CONV: sativum
 VAR: nanoviride

					CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	3912	W1	0	Ra	76593/98	E	PO	K
Name:	Population - 2	yob/yinc:	73 / 74	Other info:				
	Chiedoros Para							
Origin:	MEX			donor:	VIR (6445)	Author:		
Wt	3913	W1	0	Ra	76298/97	E	PO	K
Name:	Population - 3	yob/yinc:	73 / 74	Other info:				
	(6545)							
Origin:	IND			donor:	VIR	Author:		
Wt	3914	W1	0	Ra	77103/00	E	PO	K
Name:	Population - 4	yob/yinc:	73 / 74	Other info:				
Origin:	IND			donor:	VIR	Author:		
Wt	3915	W1	0	Ra	77104/00	E	PO	K
Name:	Population - 5	yob/yinc:	73 / 74	Other info:				
	(6552)							
Origin:	IND			donor:	VIR	Author:		
Wt	3916	W1	0	Ra	76301/97	V	CV	K
Name:	Nan-czin-tjen	yob/yinc:	73 / 74	Other info:				
Origin:	CHN			donor:	VIR	Author:		
Wt	3917	W1	0	Ra	76303/97	E	PO	K
Name:	Population - 6	yob/yinc:	73 / 74	Other info:				
Origin:	USA			donor:	Marx	Author:		
Wt	3918	W1	0	Ra	77742/04	E	PO	K
Name:	Population - 7	yob/yinc:	/	Other info:				
Origin:	NLD			donor:	Marx	Author:		
Wt	3919	W1	2417	Ra	76594/98	V	CV	K
Name:	Forerunner	yob/yinc:	/	Other info:				
Origin:	Quedlinburg, Schreiber			donor:	Lehmann	Author:		
Wt	3920	W1	0	Ra	75222	V	CV	K
Name:	Fertila	yob/yinc:	73 / 74	Other info:				
Origin:	NLD			donor:	Lehmann	Author:		
Wt	3921	W1	2316	Ra	75024	V	CV	K
Name:	Servo	yob/yinc:	73 / 74	Other info:				
Origin:	NLD			donor:	Tapioszele	Author:		
Wt	3922	W1	0	Ra	75223	V	CV	K
Name:	Hylgro	yob/yinc:	73 / 74	Other info:				
Origin:	NLD			donor:	Lehmann	Author:		

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SP: sativum L. s. l.
 SSP: sativum
 CONV: sativum
 VAR: nanoviride

					CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	3923	W1	2288	Ra	77256/01	V	CV	K
Name:	Mansfelder Gruene	yob/yinc:	73 / 74	Other info:				
Origin:	NLD	donor:	Lehmann	Author:				
Wt	3924	W1	0	Ra	77570/08	V	CV	K
Name:	Ollenheimer	yob/yinc:	73 / 74	Other info:				
Origin:		donor:	Lehmann	Author:				
Wt	3925	W1	0	Ra	76304/97	V	CV	K
Name:	Ascania	yob/yinc:	73 / 74	Other info:				
Origin:		donor:	Lehmann	Author:				
Wt	3926	W1	0	Ra	77571/08	V	CV	K
Name:	Gulivert	yob/yinc:	73 / 74	Other info:				
Origin:	FRA	donor:	Cousin	Author:				
Wt	3927	W1	0	Ra	75224/95	V	CV	K
Name:	Colmo	yob/yinc:	73 / 74	Other info:				
Origin:	FRA	donor:	Cousin	Author:				
Wt	3928	W1	0	Ra	75880/89	V	CV	K
Name:	Primavil	yob/yinc:	/	Other info:				
Origin:	FRA	donor:	Cousin	Author:				
Wt	3929	W1	1990	Ra	77257/01	V	CV	K
Name:	Concordia	yob/yinc:	81 / 81	Other info:				
Origin:	SWE, Svalov	donor:	Blixt	Author:				
Wt	3930	W1	0	Ra	75225	V	CV	K
Name:	Conserva	yob/yinc:	/	Other info:				
Origin:	CSK	donor:	Lehmann	Author:				
Wt	3931	W1		Ra		V	CV	K
Name:	Espain de	yob/yinc:	08 / 09	Other info:				
Origin:		donor:	Gembloux	Author:				
Wt	3932	W1	0	Ra	77572/08	V	CV	K
Name:	Finale	yob/yinc:	74 / 75	Other info:				FS
Origin:	Dik Trom x Ceb.61.207	donor:	Cebeco	Author:				
Wt	3933	W1	0	Ra	75659	E	PO	K
Name:	Population - 8	yob/yinc:	/	Other info:				
Origin:	IND	donor:	Sharma	Author:				

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SP: sativum L. s. l.
 SSP: sativum
 CONV: sativum
 VAR: nanoviride

					CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	3934	W1	0	Ra	75660	V	CV	K
Name:	Roi de Conserves	yob/yinc:	/	Other info:				
Origin:	FRA	donor:	Cousin	Author:				
Wt	3935	W1	0	Ra	75661	V	CV	K
Name:	Plein le Panier	yob/yinc:	/	Other info:				
Origin:	FRA	donor:	Cousin	Author:				
Wt	3936	W1	0	Ra	75662	L	XD	K
Name:	St-24	yob/yinc:	/	Other info:				
Origin:	DDR, Granskewitz	donor:	Melzer	Author:				
Wt	3937	W1	2163	Ra	76305/97	V	CV	K
Name:	Virtus	yob/yinc:	/	Other info:				
Origin:	DEU	donor:	Sofia,IGPB	Author:				
Wt	3938	W1	2331	Ra	77743/04	V	CV	K
Name:	Vares	yob/yinc:	/	Other info:				
Origin:	NLD	donor:	Sofia,IGPB	Author:				
Wt	3939	W1	0	Ra	75663	L	CV	K
Name:	Holandesa	yob/yinc:	/	Other info:				
Origin:	NLD	donor:	Sofia,IGPB	Author:				
Wt	3940	W1	2442	Ra	75664	V	CV	K
Name:	Brunsviga	yob/yinc:	/	Other info:				
Origin:	DSG	donor:	Sofia,IGPB	Author:				
Wt	3941	W1	0	Ra	75665	E	PO	K
Name:	Population - 9	yob/yinc:	/	Other info:				
Origin:	USA, Alaska	donor:	Aitken	Author:				
Wt	3942	W1	0	Ra	76595/98	E	PO	K
Name:	Population - 10 (694)	yob/yinc:	/	Other info:				
Origin:	AUS	donor:	Aitken	Author:				
Wt	3943	W1	0	Ra	75774/88	E	PO	K
Name:	Population - 11 (698)	yob/yinc:	/	Other info:				
Origin:	AUS	donor:	Aitken	Author:				
Wt	3944	W1	0	Ra	75226	E	PO	K
Name:	Population - 12 (702)	yob/yinc:	/	Other info:				
Origin:	AUS	donor:	Aitken	Author:				

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SP: sativum L. s. l.
 SSP: sativum
 CONV: sativum
 VAR: nanoviride

					CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	3945 W1	0	Ra 76596/98	E		PO	K	
Name:	Population - 13 (710)	yob/yinc:	/	Other info:				
Origin:	AUS			donor:	Aitken	Author:		
Wt	3946 W1	0	Ra 75775/88	E		PO	K	
Name:	Population - 14	yob/yinc:	/	Other info:				
Origin:	IND			donor:	Marx	Author:		
Wt	3947 W1	0	Ra 75227	E		PO	K	
Name:	Population - 15	yob/yinc:	/	Other info:				
Origin:	NLD			donor:	Marx	Author:		
Wt	3948 W1	0	Ra 75078/95	L		XD	K	FS
Name:	WTD 4027	yob/yinc:	74 / 75	Other info:				
Origin:	Meteor x Ranger			donor:	Swiecicki	Author:	Swiecicki	
Wt	3949 W1	0	Ra 77258/01	L		XD	K	FS
Name:	WTD 4039	yob/yinc:	78 / 79	Other info:				
Origin:	Jupiter x Finale			donor:	Swiecicki	Author:	Swiecicki	
Wt	3950 W1	0	Ra 75980/94	L		XD	K	FS
Name:	lkar (WTD 4041, WTD 483)	yob/yinc:	78 / 79	Other info:				
Origin:	Finale x Jupiter			donor:	Swiecicki	Author:	Swiecicki	
Wt	3951 W1	0	Ra 75229/95	L		XD	K	FS
Name:	WTD 4053	yob/yinc:	78 / 79	Other info:				
Origin:	Arabal x Jupiter			donor:	Swiecicki	Author:	Swiecicki	
Wt	3952 W1	0	Ra 77105/00	V		CV	K	FS
Name:	Kwartet	yob/yinc:	/	Other info:				
Origin:	POL, Lipie			donor:	Marciniak	Author:		
Wt	3953 W1	0	Ra 75025/95	V		CV	K	
Name:	Smaragd (LU-DIK)	yob/yinc:	79 / 80	Other info:				
Origin:	CSK			donor:		Author:		
Wt	3954 W1	0	Ra 76193/95	V		CV	K	
Name:	Simo	yob/yinc:	83 / 84	Other info:				
Origin:				donor:	Svalof	Author:		
Wt	3955 W1	0	Ra 75893/89	V		CV	K	
Name:	Triumph	yob/yinc:	83 / 84	Other info:				
Origin:	CAN			donor:	Morten	Author:		

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 SSP: sativum
 CONV: sativum
 VAR: nanoviride

				CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	3956 Wl	0	Ra 77259/01	V	XD	K	
Name:	Ricardo (Cebeco 103)	yob/yinc:	83 / 84	Other info:			
Origin:				donor:	Cebeco	Author:	
Wt	3957 Wl	0	Ra 75401	V	CV	K	
Name:	Alaska 524	yob/yinc:	83 / 84	Other info:			
Origin:	NLD, Royal Sluis			donor:	Pedzinski	Author:	
Wt	3958 Wl	0	Ra 75403	V	CV	K	
Name:	Gloriette	yob/yinc:	83 / 84	Other info:			
Origin:	NLD, Royal Sluis			donor:	Pedzinski	Author:	
Wt	3959 Wl	0	Ra 75404	V	CV	K	
Name:	Gloire de Quimper	yob/yinc:	83 / 84	Other info:			
Origin:	V. der Ploeg			donor:	Pedzinski	Author:	
Wt	3960 Wl	0	Ra 75411	V	CV	K	
Name:	Vorbote	yob/yinc:	83 / 84	Other info:			
Origin:	Gebruder Dippe			donor:	Pedzinski	Author:	
Wt	3961 Wl	0	Ra 75424	V	CV	K	
Name:	Priofino	yob/yinc:	83 / 84	Other info:			
Origin:	NLD, Royal Sluis			donor:	Pedzinski	Author:	
Wt	3962 Wl	0	Ra 75439	V	CV	K	
Name:	Aldot	yob/yinc:	83 / 84	Other info:			
Origin:	NLD, Sluis & Groot			donor:	Pedzinski	Author:	
Wt	3963 Wl	0	Ra 75448	V	CV	K	
Name:	Bastard	yob/yinc:	83 / 84	Other info:			
Origin:	DDR			donor:	Pedzinski	Author:	
Wt	3964 Wl	0	Ra 75464	V	XD	K	
Name:	Debrescen	yob/yinc:	83 / 84	Other info:			
Origin:	HUN			donor:	Pedzinski	Author:	
Wt	3965 Wl	0	Ra 75469	V	CV	K	
Name:	Germanowa	yob/yinc:	83 / 84	Other info:			
Origin:	NLD, Bruno Nebelung			donor:	Pedzinski	Author:	
Wt	3966 Wl	0	Ra 75478	V	CV	K	
Name:	Coguette	yob/yinc:	83 / 84	Other info:			
Origin:	NLD, Sluis & Groot			donor:	Pedzinski	Author:	

PISUM COLLECTION WIATROWO - TAXONOMY

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SP: sativum L. s. l.
 SSP: sativum
 CONV: sativum
 VAR: nanoviride

					CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	3967	W1	0 Ra	75483	V	CV	K	
Name:	D-409	yob/yinc:	83 / 84	Other info:				
Origin:	NLD, Sluis & Groot	donor:			Pedzinski	Author:		
Wt	3968	W1	0 Ra	75489	V	CV	K	
Name:	Spiket	yob/yinc:	83 / 84	Other info:				
Origin:	NLD, Royal Sluis	donor:			Pedzinski	Author:		
Wt	3969	W1	0 Ra	75490/95	V	CV	K	
Name:	Adela (2926)	yob/yinc:	83 / 84	Other info:				
Origin:	NLD, Royal Sluis	donor:			Pedzinski	Author:		
Wt	3970	W1	0 Ra	75494/95	V	CV	K	
Name:	Harrisons Glory	yob/yinc:	83 / 84	Other info:				
Origin:	GBR	donor:			Pedzinski	Author:		
Wt	3971	W1	0 Ra	75495	V	CV	K	
Name:	Cobrette	yob/yinc:	83 / 84	Other info:				
Origin:	NLD, Sluis & Groot	donor:			Pedzinski	Author:		
Wt	3972	W1	0 Ra	75518/95	V	CV	K	
Name:	Rag Nr 1020	yob/yinc:	83 / 85	Other info:				
Origin:	NLD, Royal Sluis	donor:			Pedzinski	Author:		
Wt	3973	W1	0 Ra	75560	V	CV	K	
Name:	Othello	yob/yinc:	84 / 85	Other info:				
Origin:		donor:			Cebeco	Author:		
Wt	3974	W1	0 Ra	77573/08	V	CV	K	
Name:	Meraviglilla d' Italia	yob/yinc:	83 / 85	Other info:				
Origin:		donor:			IHAR	Author:		
Wt	3975	W1	0 Ra	77574/08	V	CV	K	
Name:	Predchudce	yob/yinc:	83 / 85	Other info:				
Origin:		donor:			IHAR	Author:		
Wt	3976	W1	0 Ra	76197/95	V	CV	K	
Name:	Svalofs Concordiaart	yob/yinc:	83 / 85	Other info:				
Origin:		donor:			IHAR	Author:		
Wt	3977	W1	0 Ra	76198/95	V	CV	K	
Name:	Altex	yob/yinc:	83 / 85	Other info:				
Origin:		donor:			IHAR	Author:		

PISUM COLLECTION WIATROWO - TAXONOMY

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SP: sativum L. s. l.
 SSP: sativum
 CONV: sativum
 VAR: nanoviride

				CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	3978 W1	0 Ra	76597/98	V	CV	K	
Name:	Buc-hbom White	yob/yinc:	83 / 85	Other info:			
Origin:				donor: IHAR		Author:	
Wt	3979 W1	0 Ra	77575/08	V	CV	K	
Name:	Ideal	yob/yinc:	83 / 85	Other info:			
Origin:				donor: IHAR		Author:	
Wt	3980 W1	0 Ra	75891/89	V	CV	K	
Name:	Greengolf	yob/yinc:	83 / 85	Other info:			
Origin:				donor: IHAR		Author:	
Wt	3981 W1	0 Ra	75892/89	V	CV	K	
Name:	Herma	yob/yinc:	83 / 85	Other info:			
Origin:				donor: IHAR		Author:	
Wt	3982 W1	0 Ra		V	CV	K	
Name:	Alaska 423	yob/yinc:	80 / 85	Other info:			
Origin:	USA			donor: Beltsville		Author: Rogers Brothers Seed	
Wt	3983 W1	0 Ra	75981/94	L	CO	K	
Name:	BG-1082-2	yob/yinc:	84 / 85	Other info:			
Origin:	ESP			donor: Jambrina		Author:	
Wt	3984 W1	Ra	77576/08	V	CV	K	
Name:	Imperiata	yob/yinc:	87 / 88	Other info:			20060
Origin:	DEU			donor: BGRC 48588		Author:	
Wt	3985 W1	Ra	77577/08	L	XD	K	
Name:	Maximo - reductus, mare	yob/yinc:	/	Other info:			20068
Origin:				donor: BGRC 49022		Author:	
Wt	3986 W1	Ra	76306/97	E	PO	K	
Name:	ZP 169	yob/yinc:	89 / 92	Other info:			
Origin:	ESP,Valladolid			donor: P.Codesal		Author:	
Wt	3987 W1	Ra	76310/97	E	PO	K	
Name:	KP 173	yob/yinc:	91 / 92	Other info:			
Origin:	Voronezh Region,SUN			donor: VIR 7339		Author:	
Wt	3988 W1	Ra	76598/98	V	CV	K	
Name:	Quasar	yob/yinc:	90 / 92	Other info:			
Origin:	FRA			donor: Momont		Author: winter type	

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SP: sativum L. s. l.
 SSP: sativum
 CONV: sativum
 VAR: nanoviride

				CLASS IFICATION	TYPE	MAINTE NANCE	TYPE OF USAGE
Wt	3989 W1	Ra	76599/98	V	CV	K	
Name:	Oscar	yob/yinc:	90 / 92	Other info:			
Origin:	FRA			donor:	Momont	Author:	winter type
Wt	3990 W1	Ra	76600/98	V	CV	K	
Name:	Atol	yob/yinc:	90 / 92	Other info:			
Origin:	FRA			donor:	Momont	Author:	
Wt	3991 W1	Ra	76311/97	V	CV	K	
Name:	Chental	yob/yinc:	/	Other info:			
Origin:	FRA			donor:	Momont	Author:	
Wt	3992 W1	Ra	76312/97	V	CV	K	
Name:	Monitor	yob/yinc:	90 / 92	Other info:			
Origin:	FRA			donor:	Momont	Author:	
Wt	3993 W1	Ra	76601/98	V	CV	K	
Name:	Laser	yob/yinc:	90 / 92	Other info:			
Origin:	FRA			donor:	Momont	Author:	
Wt	3994 W1	Ra	76062/94	V	CV	K	
Name:	Ametyst	yob/yinc:	93 / 93	Other info:			
Origin:	POL			donor:	Sobotka	Author:	Tomaszewska
Wt	3995 W1	Ra	76018/94	C	CV	K	
Name:	Amos (WTD 1791)	yob/yinc:	93 / 93	Other info:			
Origin:				donor:	Swiecicki	Author:	SWiecicki
Wt	3996 W1	Ra	77578/08	V	CV	K	
Name:	Ricardo	yob/yinc:	92 / 93	Other info:			
Origin:				donor:		Author:	
Wt	3997 W1	Ra	77106/00	V	CV	K	
Name:	Proteo	yob/yinc:	88 / 94	Other info:			
Origin:	ITA, DI Portici			donor:	Zielonki	Author:	
Wt	3998 W1	Ra	76199/95	V	CV	K	
Name:	Montego	yob/yinc:	89 / 94	Other info:			
Origin:				donor:	FRA,Momont	Author:	
Wt	3999 W1	Ra	76200/95	V	CV	K	
Name:	Antonius	yob/yinc:	95 / 95	Other info:			
Origin:				donor:	POL, IHAR	Author:	

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SP: sativum L. s. l.
SSP: sativum
CONV: sativum
VAR: nanoviride

				CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	4000 W1	Ra	76201/95	V	CV	K	
Name:	Olivin	yob/yinc:	95 / 95	Other info:			
Origin:				donor:	POL, IHAR	Author:	

PISUM COLLECTION WIATROWO - TAXONOMY

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SP: sativum L. s. l.
 SSP: sativum
 CONV: sativum
 VAR: ponderosum

					CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	4001 W1	0	Ra	76110/96	V	CV	K	
	Name: Dasahway	yob/yinc:	/	70	Other info:			
	Origin: CAN				donor: Lehmann		Author:	
Wt	4002 W1	2785	Ra	76314/97	V	CV	K	
	Name: Favorite	yob/yinc:	/	69	Other info:			
	Origin: DSG, Quedlinburg				donor: Lehmann		Author:	
Wt	4003 W1	2170	Ra	75776/88	V	CV	K	
	Name: Kazanskij 216	yob/yinc:	/		Other info:			
	Origin: SUN				donor: VIR		Author:	
Wt	4004 W1	0	Ra	75093	V	CV	K	FS
	Name: Kujawski Wczesny	yob/yinc:	/		Other info:			
	Origin: (EdelperlexVic) xVic.Mahndorfe				donor: Madajewski		Author:	
Wt	4005 W1	0	Ra	77579/08	V	CV	K	
	Name: Mathis Erbse	yob/yinc:	/	70	Other info:			
	Origin:				donor: Lehmann		Author:	
Wt	4006 W1	0	Ra	77260/01	E	PO	K	
	Name: Population - 1	yob/yinc:	/		Other info:			
	Origin: GRC				donor: Lehmann		Author:	
Wt	4008 W1	2328	Ra	75666	V	CV	K	
	Name: Uladowskij 208	yob/yinc:	/		Other info:			
	Origin: SUN				donor:		Author:	
Wt	4009 W1	0	Ra	77261/01	V	CV	K	
	Name: Victoria Kifejto Borso	yob/yinc:	/	71	Other info:			
	Origin: HUN				donor: Tapioszele		Author:	
Wt	4010 W1	0	Ra	75777/88	E	PO	K	
	Name: Population - 2 (6556)	yob/yinc:	/		Other info:			
	Origin: SUN				donor: VIR		Author:	
Wt	4011 W1	0	Ra	75667	E	PO	K	
	Name: Population - 3 (6470)	yob/yinc:	/		Other info:			
	Origin: MEX				donor: VIR		Author:	
Wt	4012 W1	0	Ra	75778/88	V	CV	K	FS
	Name: IP-1	yob/yinc:	/		Other info:			
	Origin: HUN				donor: Tapioszele		Author:	

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SP: sativum L. s. l.
 SSP: sativum
 CONV: sativum
 VAR: ponderosum

				CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	4013 Wl	0 Ra	75668	E	PO	K	
Name:	Population - 4	yob/yinc:	/	Other info:			
Origin:				donor:		Author:	
Wt	4014 Wl	0 Ra	75230/95	V	CV	K	
Name:	Nihon Kinuzaja 1	yob/yinc:	73 / 74	Other info:			
Origin:	JPN			donor:	Hiratsuka	Author:	
Wt	4015 Wl	0 Ra	75669	E	PO	K	
Name:	Population - 5 (31)	yob/yinc:	73 / 74	Other info:			
Origin:	SUN			donor:	Sofia,IGPB	Author:	
Wt	4016 Wl	0 Ra	75231/95	V	CV	K	
Name:	Century	yob/yinc:	73 / 74	Other info:			
Origin:	CAN			donor:	Slinkard	Author:	
Wt	4017 Wl	0 Ra	75232/95	V	CV	K	
Name:	Stirling	yob/yinc:	73 / 74	Other info:			
Origin:	CAN			donor:	Slinkard	Author:	
Wt	4018 Wl	0 Ra	75233/95	E	PO	K	
Name:	Population - 6 (6472)	yob/yinc:	73 / 74	Other info:			
Origin:	MEX			donor:	VIR	Author:	
Wt	4019 Wl	0 Ra	75234	E	PO	K	
Name:	Population - 7 (6470)	yob/yinc:	73 / 74	Other info:			
Origin:	MEX			donor:	VIR	Author:	
Wt	4020 Wl	0 Ra	75026	E	PO	K	
Name:	Population - 8 (6544)	yob/yinc:	73 / 74	Other info:			
Origin:	IND			donor:	VIR	Author:	
Wt	4021 Wl	0 Ra	75027	E	PO	K	
Name:	Population - 9	yob/yinc:	73 / 74	Other info:			
Origin:				donor:	Marx	Author:	
Wt	4022 Wl	0 Ra	76037/94	V	CV	K	
Name:	Mammoth Podded	yob/yinc:	/ 69	Other info:			
Origin:	USA			donor:	Lehmann	Author:	
Wt	4023 Wl	0 Ra	77107/00	V	CV	K	
Name:	Fiede	yob/yinc:	/	Other info:			
Origin:				donor:		Author:	

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SP: sativum L. s. l.
 SSP: sativum
 CONV: sativum
 VAR: ponderosum

					CLASS IFICATION	TYPE	MAINTE NANCE	TYPE OF USAGE
Wt	4024 W1	2112	Ra	77108/00	V	CV	K	
Name:	Pyram	yob/yinc:	73 / 74	Other info:				
Origin:	CSK			donor:	Ruzyne	Author:		
Wt	4025 W1	0	Ra	75028	V	CV	K	
Name:	Victoria Slov. 800	yob/yinc:	73 / 74	Other info:				
Origin:	CSK			donor:	Tapioszele	Author:		
Wt	4026 W1	2336	Ra	77580/08	V	CV	K	
Name:	Victoria Ujmajori Korai	yob/yinc:	73 / 74	Other info:				
Origin:	HUN			donor:	Tapioszele	Author:		
Wt	4027 W1	0	Ra	75779/88	V	CV	K	
Name:	Vilmorin VIII	yob/yinc:	73 / 74	Other info:				
Origin:	FRA			donor:	Cousin	Author:		
Wt	4028 W1	2172	Ra	76038/94	V	CV	K	
Name:	Czyszminkij 39	yob/yinc:	73 / 74	Other info:				
Origin:	SUN			donor:	VIR	Author:		
Wt	4029 W1	0	Ra	75235/95	E	PO	K	
Name:	Population - 10 (22763)	yob/yinc:	73 / 74	Other info:				
Origin:				donor:	Gentry	Author:		
Wt	4030 W1	0	Ra	75236/95	E	PO	K	
Name:	Population - 11 Debreceni	yob/yinc:	73 / 74	Other info:				
Origin:	HUN			donor:	Tapioszele	Author:		
Wt	4031 W1	0	Ra	75237/95	E	PO	K	
Name:	Arvejos Primitivas V6-10	yob/yinc:	/	Other info:				
Origin:	ARG			donor:		Author:		
Wt	4032 W1	0	Ra	75238	V	CV	K	
Name:	Genovesa	yob/yinc:	/ 69	Other info:				
Origin:				donor:	Lehmann	Author:		
Wt	4033 W1	0	Ra	75029	V	CV	K	
Name:	Orion	yob/yinc:	74 / 75	Other info:				
Origin:	CSK			donor:	Ruzyne	Author:		
Wt	4034 W1	0	Ra	76317/97	V	CV	K	
Name:	Victoria Rozowaja	yob/yinc:	/	Other info:				
Origin:	SUN			donor:	VIR	Author:		

PISUM COLLECTION WIATROWO - TAXONOMY

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SP: sativum L. s. l.
 SSP: sativum
 CONV: sativum
 VAR: ponderosum

				CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	4035 W1	0	Ra 77262/01	V	CV	K	
Name:	Zolty Borowski KM	yob/yinc:	/	Other info:			
Origin:	POL	donor:	Grabiec	Author:			
Wt	4036 W1	0	Ra 75670	V	CV	K	
Name:	Detenicky Zluty Velkozrny	yob/yinc:	/	Other info:			
Origin:	CSK	donor:	Ruzyne	Author:			
Wt	4037 W1	0	Ra 75239	E	PO	K	
Name:	Population - 12 (629)	yob/yinc:	/	Other info:			
Origin:	AUS	donor:	Aitken	Author:			
Wt	4038 W1	0	Ra 76602/98	E	PO	K	
Name:	Population - 13	yob/yinc:	/	Other info:			
Origin:	Germany	donor:	Aitken	Author:			
Wt	4039 W1	0	Ra 75671	E	PO	K	
Name:	Population - 14 Baszkiria	yob/yinc:	/	Other info:			
Origin:	SUN	donor:	Aitken	Author:			
Wt	4040 W1	0	Ra 75240/95	E	PO	K	
Name:	Population - 15 Woronez	yob/yinc:	/	Other info:			
Origin:	SUN	donor:	Aitken	Author:			
Wt	4041 W1	0	Ra 75241	L	XD	K	
Name:	Gottschalk 1 x Satellite	yob/yinc:	74 / 75	Other info:			
Origin:	POL	donor:	Swiecicki	Author:	Swiecicki, Wiatrowo		
Wt	4042 W1	0	Ra 75030	V	CV	K	FS
Name:	Kaliski	yob/yinc:	/	Other info:			
Origin:	Kujawski Wezesny x	donor:	Bialowas	Author:	Bialowas, Sobotka		
Wt	4043 W1	1848	Ra 77110/00	L	CO	K	
Name:		yob/yinc:	79 / 80	Other info:			
Origin:	BGR	donor:	Blixt	Author:			
Wt	4044 W1	0	Ra 75144/82	E	XD	K	
Name:	Wagrowiec 1	yob/yinc:	78 / 79	Other info:			
Origin:	POL	donor:	Swiecicki	Author:	Swiecicki		
Wt	4045 W1	0	Ra 75628/95	V	CV	K	
Name:	Latah	yob/yinc:	83 / 84	Other info:			
Origin:	USA	donor:	Beltsville	Author:			

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SP: sativum L. s. l.
 SSP: sativum
 CONV: sativum
 VAR: ponderosum

				CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	4046 W1	0	Ra 76080/94	V	CV	K	
Name:	Karat	yob/yinc:	83 / 84	Other info:			R 158/71
Origin:	[(Bulawa*Iwo)* Bul.]*Grestikai	donor:	Sobotka	Author:			
Wt	4047 W1	0	Ra 75412	V	CV	K	
Name:	Premice	yob/yinc:	83 / 84	Other info:			
Origin:	NLD, Bruno Nebelung	donor:	Pedzinski	Author:			
Wt	4048 W1	0	Ra 75463	V	CV	K	
Name:	Suttons Improved Pilot	yob/yinc:	83 / 84	Other info:			
Origin:	GBR, Suttons	donor:	Pedzinski	Author:			
Wt	4049 W1	0	Ra 75479	V	CV	K	
Name:	Hakuryrn Long Podded	yob/yinc:	83 / 84	Other info:			
Origin:	Takii and Co.	donor:	Pedzinski	Author:			
Wt	4050 W1	0	Ra 75629/95	V	CV	K	
Name:	Victoria A 130	yob/yinc:	83 / 85	Other info:			
Origin:		donor:	IHAR	Author:			
Wt	4051 W1	0	Ra 75982/94	V	CV	K	
Name:	Clipper	yob/yinc:	83 / 85	Other info:			
Origin:		donor:	IHAR	Author:			
Wt	4052 W1	0	Ra 77581/08	V	CV	K	
Name:	Marktueberraschu ng	yob/yinc:	83 / 85	Other info:			
Origin:		donor:	IHAR	Author:			
Wt	4053 W1	0	Ra 76212/95	V	CV	K	
Name:	Rannyj Mazlowoi 14	yob/yinc:	83 / 85	Other info:			
Origin:		donor:	IHAR	Author:			
Wt	4054 W1	0	Ra 76213/95	V	CV	K	
Name:	Serpette Guillateaux	yob/yinc:	83 / 85	Other info:			
Origin:		donor:	IHAR	Author:			
Wt	4055 W1	0	Ra 76214/95	V	CV	K	
Name:	Grash Allerger Krumme	yob/yinc:	83 / 85	Other info:			
Origin:		donor:	IHAR	Author:			
Wt	4056 W1	0	Ra 76215/95	V	CV	K	
Name:	Ruhm von Vietz	yob/yinc:	83 / 85	Other info:			
Origin:		donor:	IHAR	Author:			

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SP: sativum L. s. l.
 SSP: sativum
 CONV: sativum
 VAR: ponderosum

				CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	4057	W1	0 Ra	77263/01	V	CV	K
Name:	Waldmanns Goldkugel	yob/yinc:	83 / 85	Other info:			
Origin:				donor:	IHAR	Author:	
Wt	4058	W1	0 Ra	77582/08	V	CV	K
Name:	Debreceni 21	yob/yinc:	83 / 85	Other info:			
Origin:				donor:	IHAR	Author:	
Wt	4059	W1	0 Ra	76216/95	L	PO	K
Name:	E 0200	yob/yinc:	83 / 85	Other info:			
Origin:				donor:	IHAR	Author:	
Wt	4060	W1	0 Ra	76217/95	L	PO	K
Name:	E 0225	yob/yinc:	83 / 85	Other info:			
Origin:				donor:	IHAR	Author:	
Wt	4061	W1	0 Ra	76603/98	L	PO	K
Name:	E 0229	yob/yinc:	83 / 85	Other info:			
Origin:				donor:	IHAR	Author:	
Wt	4062	W1	0 Ra	76218/95	L	PO	K
Name:	E 0252	yob/yinc:	83 / 85	Other info:			
Origin:				donor:	IHAR	Author:	
Wt	4063	W1	0 Ra	76219/95	L	PO	K
Name:	E 0395	yob/yinc:	83 / 85	Other info:			
Origin:				donor:	IHAR	Author:	
Wt	4064	W1	0 Ra	77111/00	V	CV	K
Name:	Meia Pala Nacional	yob/yinc:	83 / 85	Other info:			
Origin:				donor:	IHAR	Author:	
Wt	4065	W1	0 Ra	76220/95	V	CV	K
Name:	Czimilinskij 272	yob/yinc:	83 / 85	Other info:			
Origin:				donor:	IHAR	Author:	
Wt	4066	W1	0 Ra	76221/95	V	CV	K
Name:	Czimilinskij Rannyj	yob/yinc:	83 / 85	Other info:			
Origin:				donor:	IHAR	Author:	
Wt	4067	W1	0 Ra	76322/97	V	CV	K
Name:	Topaz	yob/yinc:	82 / 85	Other info:			
Origin:	SUN			donor:	COBORU	Author:	

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SP: sativum L. s. l.
 SSP: sativum
 CONV: sativum
 VAR: ponderosum

				CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	4068 W1	0	Ra 75567	V	CV	K	
Name:	Poisk	yob/yinc:	80 / 85	Other info:			
Origin:	SUN			donor:	IHAR	Author:	
Wt	4069 W1	0	Ra 75568	V	CV	K	
Name:	Woronezskij	yob/yinc:	80 / 85	Other info:			
Origin:	SUN			donor:	IHAR	Author:	
Wt	4070 W1	0	Ra 75569/94	V	CV	K	
Name:	Wiktoria PZHR	yob/yinc:	83 / 85	Other info:			+Ra75983
Origin:	selected, Sobotka 1940-45			donor:	Sumperk	Author:	
Wt	4071 W1	0	Ra 77264/01	V	CV	K	
Name:	Jubilat	yob/yinc:	83 / 85	Other info:			
Origin:	Wiktoria PZHR * Bulawa			donor:	Sumperk	Author:	
Wt	4072 W1		Ra 77112/00	V	CV	K	
Name:	A 109	yob/yinc:	86 / 88	Other info:			20001
Origin:	Nei Meng Gu			donor:	CHN,A.A.Sc	Author:	
Wt	4073 W1		Ra 76325/97	V	CV	K	
Name:	Titan	yob/yinc:	91 / 92	Other info:			
Origin:	USA			donor:	Univ.Mines	Author:	
Wt	4074 W1		Ra 76326/97	E	PO	K	
Name:	Line 74	yob/yinc:	91 / 92	Other info:			
Origin:	Voronezh Region,SUN			donor:	VIR 7708	Author:	
Wt	4075 W1		Ra 76022/94	V	MU	K	
Name:	Kwestor	yob/yinc:	93 / 93	Other info:			direct mutant
Origin:	Paloma, 10kR Co 60			donor:	Swiecicki	Author:	Michalski, Swiecicki
Wt	4076 W1		Ra 76222/95	V	CV	K	
Name:	Sabine	yob/yinc:	95 / 95	Other info:			
Origin:				donor:	POL, IHAR	Author:	
Wt	4077 W1		Ra 76223/95	V	CV	K	
Name:	Corina	yob/yinc:	95 / 95	Other info:			
Origin:				donor:	POL, IHAR	Author:	
Wt	4078 W1		Ra 77583/08	V	CV	K	
Name:	Bursztyn	yob/yinc:	96 / 97	Other info:			
Origin:	POL, SOD 2093			donor:		Author:	Tomaszewska

PISUM COLLECTION WIATROWO - TAXONOMY

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SP: sativum L. s. l.
SSP: sativum
CONV: sativum
VAR: ponderosum

			CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	4079 W1	Ra	77188/00 L	CO	K	
Name:	PRZ 100	yob/yinc:	99 / 00	Other info:		ela49528 elo22249
Origin:	POL, Podkarpacie,	donor:	IHAR	Author:		

PISUM COLLECTION WIATROWO - TAXONOMY

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SP: sativum L. s. l.
 SSP: sativum
 CONV: sativum
 VAR: pretiosum

					CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	4101	W1	0	Ra	77584/08	E	PO	K
Name:	Population - 1	yob/yinc:	/	Other info:				
Origin:	ITA	donor:		Author:				
Wt	4102	W1	0	Ra	77585/08	E	PO	K
Name:	Population - 2	yob/yinc:	73 / 74	Other info:				
Origin:	ITA	donor:		Author:				
Wt	4103	W1	1850	Ra	77586/08	L	CO	K
Name:		yob/yinc:	81 / 81	Other info:				
Origin:	ITA	donor:		Author:	Blixt			
Wt	4104	W1	0	Ra	75416	V	CV	K
Name:	Vervil	yob/yinc:	83 / 84	Other info:				
Origin:	FRA, Vilmorin	donor:		Author:	Pedzinski			
Wt	4105	W1	0	Ra	77265/01	L	PO	K
Name:	Jo 06580	yob/yinc:	83 / 85	Other info:				
Origin:		donor:		Author:	IHAR			
Wt	4106	W1	0	Ra	77266/01	V	CV	K
Name:	Kalle	yob/yinc:	83 / 85	Other info:				
Origin:		donor:		Author:	IHAR			
Wt	4107	W1	0	Ra	76068/94	V	CV	K
Name:	Kiri	yob/yinc:	83 / 85	Other info:				
Origin:		donor:		Author:	IHAR			
Wt	4108	W1	0	Ra	76225/95	V	CV	K
Name:	Paula-Pea	yob/yinc:	83 / 85	Other info:				
Origin:		donor:		Author:	IHAR			
Wt	4109	W1	0	Ra	76226/95	V	CV	K
Name:	Rusky Bily Velkozerny	yob/yinc:	83 / 85	Other info:				
Origin:		donor:		Author:	IHAR			
Wt	4110	W1	0	Ra	76227/95	V	CV	K
Name:	Slovensky Express	yob/yinc:	83 / 85	Other info:				
Origin:		donor:		Author:	IHAR			
Wt	4111	W1	0	Ra	77113/00	V	CV	K
Name:	Zazerskij	yob/yinc:	83 / 85	Other info:				
Origin:		donor:		Author:	IHAR			

PISUM COLLECTION WIATROWO - TAXONOMY

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SP: sativum L. s. l.
 SSP: sativum
 CONV: sativum
 VAR: pretiosum

				CLASSIFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	4112 W1	0 Ra	76228/95	V	CV	K	
Name: Diosecky Kentisch		yob/yinc:	83 / 85	Other info:			
Origin:				donor:	IHAR	Author:	
Wt	4113 W1	0 Ra	77114/00	V	CV	K	
Name: Hertta		yob/yinc:	83 / 85	Other info:			
Origin:				donor:	IHAR	Author:	
Wt	4114 W1	0 Ra	77587/08	V	CV	K	
Name: Espoir de Gembloux		yob/yinc:	83 / 85	Other info:			
Origin:				donor:	IHAR	Author:	

PISUM COLLECTION WIATROWO - TAXONOMY

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SP: sativum L. s. l.
 SSP: sativum
 CONV: sativum
 VAR: pseudomesomelan

				CLASSIFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	4202	W1	0 Ra	76229/95	V	CV	K
Name:	IP-4	yob/yinc:	83 / 85	Other info:			
Origin:				donor:	IHAR	Author:	
Wt	4203	W1	0 Ra	77588/08	V	CV	K
Name:	Neptun	yob/yinc:	80 / 85	Other info:			
Origin:	SUN			donor:	IHAR	Author:	

PISUM COLLECTION WIATROWO - TAXONOMY

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SP: sativum L. s. l.
 SSP: sativum
 CONV: sativum
 VAR: superfluens

					CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	4301	W1	0	Ra	77267/01	E	PO	K
Name:	Population - 1	yob/yinc:	/	Other info:				
Origin:	DDR	donor:		Author:	Lehmann			
Wt	4302	W1	0	Ra	75031	V	CV	K
Name:	Dickson	yob/yinc:	/ 70	Other info:				
Origin:	USA	donor:		Author:	Cousin			
Wt	4304	W1	1851	Ra	77115/00	L	CO	K
Name:		yob/yinc:	81 / 81	Other info:				
Origin:	ETH	donor:		Author:	Blixt			
Wt	4305	W1	0	Ra	76327/97	V	CV	F
Name:	Gome	yob/yinc:	/	Other info:				K
Origin:	SWE	donor:		Author:	Uppsala			
Wt	4306	W1	0	Ra	75124/95	V	CV	K
Name:	Jihoafricky Krmny	yob/yinc:	/ 72	Other info:				
Origin:	CSK	donor:		Author:	Ruzyne			
Wt	4307	W1	2110	Ra	76329/97	V	CV	K
Name:	Klarus	yob/yinc:	/	Other info:				
Origin:	CSK, Praha, Ruzyne	donor:		Author:	Lehmann			
Wt	4308	W1	0	Ra	75672	V	PO	K
Name:	L 1-172-lio	yob/yinc:	/ 72	Other info:				
Origin:	CHN	donor:		Author:	Aitken			
Wt	4309	W1	1758	Ra	77116/00	V	CV	K
Name:	Lotta	yob/yinc:	/ 72	Other info:				
Origin:	SWE	donor:		Author:	Bingefors			
Wt	4310	W1	2293	Ra	77117/00	V	CV	K
Name:	Moyencourt	yob/yinc:	/ 70	Other info:				
Origin:	FRA	donor:		Author:	Lehmann			A. Blondeau, Bersee
Wt	4311	W1	0	Ra	77589/08	E	PO	K
Name:	Population - 2	yob/yinc:	/	Other info:				
Origin:	ETH, Abyssinia	donor:		Author:	Lehmann			
Wt	4312	W1	0	Ra	76231/95	E	PO	K
Name:	Population - 3	yob/yinc:	/	Other info:				
Origin:	Hindukusch	donor:		Author:	Lehmann			

PISUM COLLECTION WIATROWO - TAXONOMY

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SP: sativum L. s. l.
 SSP: sativum
 CONV: sativum
 VAR: superfluens

					CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	4313	W1	0	Ra	77268/01	E	PO	K
Name:	Population - 4	yob/yinc:	/	Other info:				
Origin:	MNG	donor:	Lehmann	Author:				
Wt	4314	W1	0	Ra	76039/94	E	PO	K
Name:	Population - 5	yob/yinc:	/	Other info:				
Origin:	Crete	donor:	Lehmann	Author:				
Wt	4315	W1	0	Ra	76040/94	E	PO	K
Name:	Population - 6	yob/yinc:	/	Other info:				
Origin:	Peloponnes	donor:	Lehmann	Author:				
Wt	4316	W1	0	Ra	77590/08	V	CV	K
Name:	Remo	yob/yinc:	/ 70	Other info:				
Origin:	FRA	donor:	Lehmann	Author:	A. Blondeau, Bersee			
Wt	4317	W1	1872	Ra	75781/88	L	CO	K
Name:		yob/yinc:	81 / 81	Other info:				
Origin:	Peloponnes	donor:	Blixt	Author:				
Wt	4318	W1	1109	Ra	77269/01	V	CV	K
Name:	Stral	yob/yinc:	/ 69	Other info:				
Origin:	SWE	donor:	Gelin	Author:				
Wt	4319	W1	1993	Ra	76232/95	V	CV	K
Name:	Svalofs Gyllenart	yob/yinc:	/ 70	Other info:				
Origin:	SWE	donor:	Bingefors	Author:				
Wt	4320	W1	2157	Ra	76330/97	V	CV	K
Name:	Torsdag III	yob/yinc:	/ 69	Other info:				
Origin:	SWE	donor:	Bingefors	Author:				
Wt	4321	W1	0	Ra	75673	V	CV	K
Name:	Ukosnyj 1	yob/yinc:	/ 72	Other info:				
Origin:	UKR, VIR, Leningrad 5096	donor:	Lehmann	Author:				
Wt	4322	W1	1263	Ra	76233/95	V	CV	K
Name:	Weitor	yob/yinc:	/ 69	Other info:				
Origin:	SWE	donor:	Gelin	Author:				
Wt	4323	W1	0	Ra	77118/00	L	CV	K
Name:	Woskowy Hybryd	yob/yinc:	/ 70	Other info:				
Origin:	SUN	donor:	VIR	Author:				

PISUM COLLECTION WIATROWO - TAXONOMY

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SP: sativum L. s. l.
 SSP: sativum
 CONV: sativum
 VAR: superfluens

					CLASS IFICATION	TYPE	MAINTE NANCE	TYPE OF USAGE
Wt	4324	W1	0 Ra	75674	V	CV	K	FS
Name:	Czwartkowy	yob/yinc:	/	Other info:				
Origin:	POL			donor:	Czapiewska	Author:		
Wt	4325	W1	0 Ra	75242/95	E	PO	K	
Name:	Population - 7 (343986)	yob/yinc:	73 / 74	Other info:				
Origin:	CAN			donor:	Slinkard	Author:		
Wt	4326	W1	0 Ra	76331/97	E	PO	K	
Name:	Population - 8 (343989)	yob/yinc:	73 / 74	Other info:				
Origin:	CAN			donor:	Slinkard	Author:		
Wt	4327	W1	0 Ra	77270/01	V	CV	K	
Name:	Shiro Endo	yob/yinc:	73 / 74	Other info:				
Origin:	JPN			donor:	Hiratsuka	Author:		
Wt	4328	W1	0 Ra	75243/95	V	CV	K	
Name:	Shiga Shirobana	yob/yinc:	73 / 74	Other info:				
Origin:	JPN			donor:	Hiratsuka	Author:		
Wt	4329	W1	0 Ra	75244	V	CV	K	
Name:	Nihon Kinuzaja 2	yob/yinc:	73 / 74	Other info:				
Origin:	JPN			donor:	Hiratsuka	Author:		
Wt	4330	W1	0 Ra	76236/95	V	CV	K	
Name:	Valley	yob/yinc:	73 / 74	Other info:				
Origin:	CAN			donor:	Slinkard	Author:		
Wt	4331	W1	0 Ra	75245/95	V	CV	K	
Name:	Trapper	yob/yinc:	73 / 74	Other info:				
Origin:	Chancellor * Weibulls 700			donor:	Slinkard	Author:		
Wt	4332	W1	0 Ra	76238/95	V	CV	K	
Name:	Chancellor	yob/yinc:	73 / 74	Other info:				
Origin:	CAN			donor:	Slinkard	Author:		
Wt	4333	W1	0 Ra	76239/95	E	PO	K	
Name:	Population - 9	yob/yinc:	73 / 74	Other info:				
Origin:	ETH, Abyssinia			donor:	VIR	Author:		
Wt	4334	W1	0 Ra	76240/95	E	PO	K	
Name:	Population - 10	yob/yinc:	73 / 74	Other info:				
Origin:	ETH, Abyssinia			donor:	VIR	Author:		

PISUM COLLECTION WIATROWO - TAXONOMY

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SP: sativum L. s. l.
 SSP: sativum
 CONV: sativum
 VAR: superfluens

				CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	4335 Wl	0	Ra 77271/01	E	PO	K	
Name:	Population - 11	yob/yinc:	73 / 74	Other info:			
Origin:	MEX			donor:	VIR	Author:	
Wt	4336 Wl	0	Ra 77119/00	E	PO	K	
Name:	Population - 12 (6538)	yob/yinc:	73 / 74	Other info:			
Origin:	IND			donor:	VIR	Author:	
Wt	4337 Wl	0	Ra 75675	E	PO	K	
Name:	Population - 13 (6539)	yob/yinc:	73 / 74	Other info:			
Origin:	IND			donor:	VIR	Author:	
Wt	4338 Wl	0	Ra 76241/95	E	PO	K	
Name:	Population - 14 (6548)	yob/yinc:	/	Other info:			
Origin:	IND			donor:	VIR	Author:	
Wt	4339 Wl	0	Ra 75246/95	E	PO	K	
Name:	Population - 15 (6549)	yob/yinc:	73 / 74	Other info:			
Origin:	IND			donor:	VIR	Author:	
Wt	4340 Wl	0	Ra 77120/00	E	PO	K	
Name:	Population - 16	yob/yinc:	73 / 74	Other info:			
Origin:	IND			donor:	Sharma	Author:	
Wt	4341 Wl	0	Ra 75247/95	E	PO	K	
Name:	Population - 17	yob/yinc:	73 / 74	Other info:			
Origin:	IND			donor:	Sharma	Author:	
Wt	4342 Wl	0	Ra 75125/95	V	CV	K	
Name:	Maslicznyj	yob/yinc:	73 / 74	Other info:			
Origin:	SWE			donor:	Tapioszele	Author:	
Wt	4343 Wl	0	Ra 76245/95	V	CV	K	
Name:	Szn-jencz-jeo-szn	yob/yinc:	73 / 74	Other info:			
Origin:	CHN			donor:	IHAR	Author:	
Wt	4344 Wl	0	Ra 77591/08	E	PO	K	
Name:	Population - 18	yob/yinc:	73 / 74	Other info:			
Origin:	ZMB			donor:	Sarmezy	Author:	
Wt	4345 Wl	2155	Ra 75782/88	V	CV	K	
Name:	Kapital	yob/yinc:	73 / 74	Other info:			
Origin:	SWE			donor:	VIR	Author:	

PISUM COLLECTION WIATROWO - TAXONOMY

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SP: sativum L. s. l.
 SSP: sativum
 CONV: sativum
 VAR: superfluens

				CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	4346 Wl	0 Ra	75032	E	PO	K	
Name:	F 53-54	yob/yinc:	73 / 74	Other info:			
Origin:	ROM	donor:		Author:			
Wt	4347 Wl	0 Ra	75033	E	PO	K	
Name:	Population - 19 (22791)	yob/yinc:	73 / 74	Other info:			
Origin:	ETH, Abyssinia	donor:		Gentry	Author:		
Wt	4348 Wl	0 Ra	75783/88	E	PO	K	
Name:	Population - 20 (22769)	yob/yinc:	73 / 74	Other info:			
Origin:	ETH, Abyssinia	donor:		Gentry	Author:		
Wt	4349 Wl	0 Ra	75784/95	E	PO	K	
Name:	Population - 21 (22793)	yob/yinc:	73 / 74	Other info:			
Origin:	ETH, Abyssinia	donor:		Gentry	Author:		
Wt	4350 Wl	0 Ra	75034	E	PO	K	
Name:	Population - 22 (22758)	yob/yinc:	73 / 74	Other info:			
Origin:	ETH, Abyssinia	donor:		Gentry	Author:		
Wt	4351 Wl	0 Ra	75785/88	E	PO	K	
Name:	Population - 23	yob/yinc:	73 / 74	Other info:			
Origin:	ETH, Abyssinia	donor:		Gentry	Author:		
Wt	4352 Wl	0 Ra	75035	L	PO	K	
Name:	OAN-181	yob/yinc:	73 / 74	Other info:			
Origin:		donor:		Author:			
Wt	4353 Wl	0 Ra	76072/94	V	CV	K	
Name:	Miral	yob/yinc:	74 / 75	Other info:			
Origin:	ROM	donor:		COBORU	Author:		
Wt	4354 Wl	0 Ra	75676	E	PO	K	
Name:	Population - 24 (3156)	yob/yinc:	/	Other info:			
Origin:	NZL	donor:		Crampton	Author:		
Wt	4355 Wl	0 Ra	77744/04	E	PO	K	
Name:	Population - 25 (HP)	yob/yinc:	/	Other info:			
Origin:	NZL	donor:		Crampton	Author:		
Wt	4356 Wl	0 Ra	75786/88	V	CV	K	
Name:	Pamaro	yob/yinc:	/	Other info:			
Origin:		donor:		Crampton	Author:		

PISUM COLLECTION WIATROWO - TAXONOMY

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SP: sativum L. s. l.
 SSP: sativum
 CONV: sativum
 VAR: superfluens

					CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	4357	W1	0 Ra	75678	L	CV	K	
Name:	Peru-2	yob/yinc:	/	Other info:				
Origin:				donor:	Crampton	Author:		
Wt	4358	W1	0 Ra	76332/97	V	CV	K	
Name:	Michaux II	yob/yinc:	/	Other info:				
Origin:				donor:	Crampton	Author:		
Wt	4359	W1	0 Ra	76334/97	E	PO	K	
Name:	Population - 26	yob/yinc:	/	Other info:				
Origin:	NZL			donor:	Crampton	Author:		
Wt	4360	W1	0 Ra	75677	E	PO	K	
Name:	Population - 27	yob/yinc:	/	Other info:				
Origin:	IND			donor:	Sharma	Author:		
Wt	4361	W1	0 Ra	76247/95	V	CV	K	
Name:	Roi de Serpettes	yob/yinc:	/	Other info:				
Origin:	FRA			donor:	Cousin	Author:		
Wt	4362	W1	0 Ra	76335/97	V	CV	K	
Name:	Serpette Ameliore	yob/yinc:	/	Other info:				
Origin:	FRA			donor:	Cousin	Author:		
Wt	4363	W1	2271 Ra	76336/97	V	CV	K	
Name:	Halorengold	yob/yinc:	/	Other info:				
Origin:	State farm Hadmersleben			donor:	Tapioszele	Author:		
Wt	4364	W1	0 Ra	75788/88	L	XD	K	
Name:	St-22	yob/yinc:	/	Other info:				
Origin:	DDR			donor:	Melzer	Author:		
Wt	4365	W1	0 Ra	75679	L	XD	K	
Name:	St-23	yob/yinc:	/	Other info:				
Origin:	DDR			donor:	Melzer	Author:		
Wt	4366	W1	0 Ra	75248/95	E	PO	K	
Name:	Local ADD	yob/yinc:	/	Other info:				
Origin:	ETH, Abyssinia, Kasama			donor:	Sarmezy	Author:		
Wt	4367	W1	0 Ra	75249	E	PO	K	
Name:	Local Mprokoso	yob/yinc:	/	Other info:				
Origin:	ZMB			donor:	Sarmezy	Author:		

PISUM COLLECTION WIATROWO - TAXONOMY

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SP: sativum L. s. l.
 SSP: sativum
 CONV: sativum
 VAR: superfluens

				CLASS IFICATION	TYPE	MAINTE NANCE	TYPE OF USAGE
Wt	4368 Wl	0	Ra	75250	E	PO	K
Name:	Local Ethiopia	yob/yinc:	/	Other info:			
Origin:				donor:	Sarmezy	Author:	
Wt	4369 Wl	0	Ra	77592/08	L	CV	K
Name:	Chiron	yob/yinc:	/	Other info:			
Origin:	ETH, Abyssinia, Kasama			donor:	Sarmezy	Author:	
Wt	4370 Wl	0	Ra		L	CV	K
Name:	Nokitse	yob/yinc:	/	Other info:			
Origin:	ETH, Abyssinia			donor:	Sarmezy	Author:	
Wt	4371 Wl	0	Ra	76338/97	E	PO	K
Name:	Arvejos Primitivas	yob/yinc:	/	Other info:			
Origin:	ARG			donor:		Author:	
Wt	4372 Wl	0	Ra	76604/98	V	CV	K
Name:	Konkursnyj	yob/yinc:	/	Other info:			
Origin:	UKR, VIR, Leningrad			donor:	Lehmann	Author:	Rayon Vladimir
Wt	4373 Wl	0	Ra	76605/98	V	CV	K
Name:	Reinhardsgrimme r Triumph	yob/yinc:	/	Other info:			
Origin:	German cultivar before 1945			donor:	Lehmann	Author:	St.Var.Test.St.Halle
Wt	4374 Wl	0	Ra	76341/97	E	PO	K
Name:	Peloponnes	yob/yinc:	/	Other info:			
Origin:	Peloponnes			donor:	Lehmann	Author:	
Wt	4375 Wl	0	Ra	76342/97	V	CV	K
Name:	Snezinka	yob/yinc:	/	Other info:			
Origin:	SUN			donor:	Ruzyne	Author:	
Wt	4376 Wl		Ra	76058/94	V	CV	K
Name:	Eroika	yob/yinc:	93 / 93	Other info:			
Origin:	Mazurska * Angulare			donor:	WID/PHR	Author:	Matuszewski
Wt	4377 Wl	2165	Ra	76249/95	V	CV	K
Name:	Krasnoufims kij 70	yob/yinc:	/	Other info:			
Origin:	UKR, VIR, Leningrad 5304			donor:	Lehmann	Author:	
Wt	4378 Wl	0	Ra	77121/00	V	CV	K
Name:	Milion Zluty	yob/yinc:	/	Other info:			
Origin:	Mahndor.fr.x loc.var.Milevsko			donor:	Ruzyne	Author:	

PISUM COLLECTION WIATROWO - TAXONOMY

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SP: sativum L. s. l.
 SSP: sativum
 CONV: sativum
 VAR: superfluens

					CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	4379	W1	0	Ra	76250/95	V	CV	K
Name:	Grejtukaj	yob/yinc:	/	Other info:				
Origin:	(Zaljukaj * Adaptiv)			donor:	Ruzyne		Author:	
Wt	4380	W1	2279	Ra	76353/97	V	CV	K
Name:	Kleinwanzlebener	yob/yinc:	/	Other info:				
Origin:	DDR, Kleinwanzleben			donor:	Ruzyne		Author:	
Wt	4381	W1	0	Ra	75787/88	V	CV	K
Name:	Gorkowskij	yob/yinc:	/	Other info:				
Origin:	SUN			donor:	VIR		Author:	
Wt	4382	W1	0	Ra	76251/95	E	CV	K
Name:	White Brunswick	yob/yinc:	/	Other info:				
Origin:	GBR			donor:	Aitken		Author:	
Wt	4383	W1	2164	Ra	75126/95	V	CV	K
Name:	Ramonskij 77	yob/yinc:	/	Other info:				
Origin:	SUN			donor:	COBORU		Author:	
Wt	4384	W1	0	Ra	75680	E	PO	K
Name:	Population - 32	yob/yinc:	/	Other info:				
Origin:	AUS			donor:	Aitken		Author:	
Wt	4385	W1	0	Ra	75789/88	E	PO	K
Name:	Population - 33 (493)	yob/yinc:	/	Other info:				
Origin:	AUS			donor:	Aitken		Author:	
Wt	4386	W1	0	Ra	76354/97	E	PO	K
Name:	Population - 34 (495)	yob/yinc:	/	Other info:				
Origin:	AUS			donor:	Aitken		Author:	
Wt	4387	W1	0	Ra	76355/97	E	PO	K
Name:	Population - 35 (496)	yob/yinc:	/	Other info:				
Origin:	AUS			donor:	Aitken		Author:	
Wt	4388	W1	0	Ra	75251	E	PO	K
Name:	Population - 36 (635)	yob/yinc:	/	Other info:				
Origin:	AUS			donor:	Aitken		Author:	
Wt	4389	W1	0	Ra	77593/08	E	PO	K
Name:	Population - 37 (683)	yob/yinc:	/	Other info:				
Origin:	AUS			donor:	Aitken		Author:	

PISUM COLLECTION WIATROWO - TAXONOMY

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SP: sativum L. s. l.
 SSP: sativum
 CONV: sativum
 VAR: superfluens

					CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	4390	W1	0	Ra	77272/01	E	PO	K
Name:	Population - 38 (688)	yob/yinc:	/	Other info:				
Origin:	AUS	donor:	Aitken	Author:				
Wt	4391	W1	0	Ra	75681	E	PO	K
Name:	Population - 39 (695)	yob/yinc:	/	Other info:				
Origin:	AUS	donor:	Aitken	Author:				
Wt	4392	W1	0	Ra	76356/97	E	PO	K
Name:	Population - 40	yob/yinc:	/	Other info:				
Origin:	IND	donor:	Marx	Author:				
Wt	4393	W1	0	Ra	77594/08	V	CV	K
Name:	Emitaler	yob/yinc:	/	Other info:				
Origin:		donor:	Crampton	Author:				
Wt	4394	W1	0	Ra	76606/98	E	PO	K
Name:	Population - 41	yob/yinc:	/	Other info:				
Origin:	NZL	donor:	Crampton	Author:				
Wt	4395	W1	0	Ra	77273/01	V	CV	K
Name:	Tara	yob/yinc:	83 / 84	Other info:				
Origin:	(CenturyxChancellor)xPI 162567	donor:	CAN	Author:	Morden, Manitoba			
Wt	4396	W1	0	Ra	76253/95	V	CV	K
Name:	Latah 81	yob/yinc:	83 / 84	Other info:				
Origin:	USA	donor:	Beltsville	Author:				
Wt	4397	W1	0	Ra	75428/95	V	CV	K
Name:	Record	yob/yinc:	83 / 84	Other info:				
Origin:	Enza Zaden	donor:	Pedzinski	Author:				
Wt	4398	W1	0	Ra	75452/95	V	CV	K
Name:	Allerfrueheste Gelbe Mai	yob/yinc:	83 / 84	Other info:				
Origin:	DDR	donor:	Pedzinski	Author:				
Wt	4399	W1	0	Ra	75453/95	V	CV	K
Name:	Extra Early	yob/yinc:	83 / 84	Other info:				
Origin:		donor:	Pedzinski	Author:				
Wt	4400	W1	0	Ra	75461/95	V	CV	K
Name:	Libuchowickij Ranyj	yob/yinc:	83 / 84	Other info:				
Origin:	CSK	donor:	Pedzinski	Author:				

PISUM COLLECTION WIATROWO - TAXONOMY

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SP: sativum L. s. l.
 SSP: sativum
 CONV: sativum
 VAR: superfluens

				CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	4450 W1	0	Ra 75462/95	V	CV	K	
Name:	Saxa	yob/yinc:	83 / 84	Other info:			
Origin:				donor:	Pedzinski	Author:	
Wt	4451 W1	0	Ra 75527/95	V	CV	K	
Name:	Michaux de Paris	yob/yinc:	83 / 85	Other info:			
Origin:	FRA, Vilmorin			donor:	Pedzinski	Author:	
Wt	4452 W1	0	Ra 75528	V	CV	K	
Name:	Grosshuelsige Schnabel	yob/yinc:	83 / 85	Other info:			
Origin:				donor:	Pedzinski	Author:	
Wt	4453 W1	0	Ra 75546/95	V	CV	K	
Name:	Serpette Guilloteaux	yob/yinc:	83 / 85	Other info:			
Origin:	FRA, Vilmorin			donor:	Pedzinski	Author:	
Wt	4454 W1	0	Ra 76261/95	V	CV	K	
Name:	Quaranta deux Salceresmelio	yob/yinc:	83 / 85	Other info:			
Origin:	FRA, Vilmorin			donor:	Pedzinski	Author:	
Wt	4455 W1	0	Ra 76262/95	V	CV	K	
Name:	Majskij 220	yob/yinc:	83 / 85	Other info:			
Origin:				donor:	IHAR	Author:	
Wt	4456 W1	0	Ra 76263/95	V	CV	K	
Name:	Muehlhausener	yob/yinc:	83 / 85	Other info:			
Origin:				donor:	IHAR	Author:	
Wt	4457 W1	0	Ra 76264/95	V	CV	K	
Name:	Nordsaat	yob/yinc:	83 / 85	Other info:			
Origin:				donor:	IHAR	Author:	
Wt	4458 W1		Ra 77274/01	L	PO	K	
Name:	Trakenski Miejscowy	yob/yinc:	83 / 85	Other info:			
Origin:				donor:	POL, IHAR	Author:	
Wt	4459 W1	0	Ra 77275/01	V	CV	K	
Name:	Zborovicky Zluty	yob/yinc:	83 / 85	Other info:			
Origin:				donor:	IHAR	Author:	
Wt	4460 W1	0	Ra 77276/01	V	CV	K	
Name:	Dornburger Gelbe	yob/yinc:	83 / 85	Other info:			
Origin:				donor:	IHAR	Author:	

PISUM COLLECTION WIATROWO - TAXONOMY

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SP: sativum L. s. l.
 SSP: sativum
 CONV: sativum
 VAR: superfluens

					CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	4461	W1	0 Ra	77277/01	V	CV	K	
Name:	Mahbis 1	yob/yinc:	83 / 85	Other info:				
Origin:				donor:	IHAR	Author:		
Wt	4462	W1	0 Ra	76111/96	V	CV	K	
Name:	Masnickij	yob/yinc:	83 / 85	Other info:				
Origin:				donor:	IHAR	Author:		
Wt	4463	W1	0 Ra	76115/96	V	CV	K	
Name:	Neur Riesen Schnabel	yob/yinc:	83 / 85	Other info:				
Origin:				donor:	IHAR	Author:		
Wt	4464	W1	0 Ra	76116/96	V	CV	K	
Name:	Nordost Kleine Weisse	yob/yinc:	83 / 85	Other info:				
Origin:				donor:	IHAR	Author:		
Wt	4465	W1	0 Ra	76118/96	V	CV	K	
Name:	Rannyj Majskij	yob/yinc:	83 / 85	Other info:				
Origin:				donor:	IHAR	Author:		
Wt	4466	W1	0 Ra	76119/96	V	CV	K	
Name:	Svalofs Buttererbse	yob/yinc:	83 / 85	Other info:				
Origin:				donor:	IHAR	Author:		
Wt	4467	W1	0 Ra	77595/08	V	CV	K	
Name:	Weibulls Kloster Erbse	yob/yinc:	83 / 85	Other info:				
Origin:				donor:	IHAR	Author:		
Wt	4468	W1	0 Ra	77596/08	V	CV	K	
Name:	Charkowski 131	yob/yinc:	83 / 85	Other info:				
Origin:				donor:	IHAR	Author:		
Wt	4469	W1	0 Ra	76120/96	V	CV	K	
Name:	Czelabinski 71	yob/yinc:	83 / 85	Other info:				
Origin:				donor:	IHAR	Author:		
Wt	4470	W1	0 Ra	77597/08	V	CV	K	
Name:	Guisantes Blancos	yob/yinc:	83 / 85	Other info:				
Origin:				donor:	IHAR	Author:		
Wt	4471	W1	0 Ra	76121/96	L	PO	K	
Name:	E 0284	yob/yinc:	83 / 85	Other info:				
Origin:				donor:	IHAR	Author:		

PISUM COLLECTION WIATROWO - TAXONOMY

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SP: sativum L. s. l.
 SSP: sativum
 CONV: sativum
 VAR: superfluens

				CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	4472 W1	0 Ra	77745/04	V	CV	K	
Name:	Rostovski Wysoki Bialolistny	yob/yinc:	83 / 85	Other info:			
Origin:				donor:	IHAR	Author:	
Wt	4473 W1	0 Ra	77123/00	V	CV	K	
Name:	Szerokolistny	yob/yinc:	83 / 85	Other info:			
Origin:				donor:	IHAR	Author:	
Wt	4474 W1	0 Ra	75984/94	V	CV	K	
Name:	Tadzisky	yob/yinc:	83 / 85	Other info:			
Origin:				donor:	IHAR	Author:	
Wt	4475 W1	0 Ra	77598/08	V	CV	K	
Name:	Pfluecker	yob/yinc:	83 / 85	Other info:			
Origin:				donor:	IHAR	Author:	
Wt	4476 W1	0 Ra	77746/04	V	CV	K	
Name:	Stupicky Velkozerny	yob/yinc:	83 / 85	Other info:			
Origin:				donor:	IHAR	Author:	
Wt	4477 W1	0 Ra	76357/97	V	CV	K	
Name:	Wigzyn	yob/yinc:	83 / 85	Other info:			
Origin:				donor:	IHAR	Author:	
Wt	4478 W1	0 Ra	76361/97	V	CV	K	
Name:	Morse's Market	yob/yinc:	83 / 85	Other info:			
Origin:				donor:	IHAR	Author:	
Wt	4479 W1	0 Ra	75595	V	CV	K	
Name:	Odeon (HM 714)	yob/yinc:	83 / 85	Other info:			
Origin:	LUSerxCHWP V)x(LUSerxKM			donor:	CSK	Author:	
Wt	4480 W1	0 Ra	76607/98	V	CV	K	
Name:	Kormowoj 24	yob/yinc:	83 / 85	Other info:			
Origin:				donor:	IHAR	Author:	
Wt	4481 W1	0 Ra	76608/98	V	CV	K	
Name:	Rusky Bily Drobnozerny	yob/yinc:	83 / 85	Other info:			
Origin:				donor:	IHAR	Author:	
Wt	4482 W1	0 Ra	76363/97	V	CV	K	
Name:	Allerfrueheste Dunkelgrune	yob/yinc:	83 / 85	Other info:			
Origin:				donor:	IHAR	Author:	

PISUM COLLECTION WIATROWO - TAXONOMY

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SP: sativum L. s. l.
 SSP: sativum
 CONV: sativum
 VAR: superfluens

				CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	4483 W1	0 Ra	76364/97	V	CV	K	
Name:	Maifruethe	yob/yinc:	83 / 85	Other info:			
Origin:				donor:	IHAR	Author:	
Wt	4484 W1	0 Ra	75570	V	CV	K	
Name:	Tulski 2	yob/yinc:	83 / 85	Other info:			
Origin:				donor:	IHAR	Author:	
Wt	4485 W1	0 Ra	76367/97	V	CV	K	
Name:	Futterfreude	yob/yinc:	83 / 85	Other info:			
Origin:				donor:	IHAR	Author:	
Wt	4486 W1	0 Ra	76368/97	L	CO	K	
Name:	BG-1389-8	yob/yinc:	84 / 85	Other info:			
Origin:	ESP			donor:	Jambrina	Author:	
Wt	4487 W1	0 Ra	76369/97	L	CO	K	
Name:	BG-1682-8	yob/yinc:	84 / 85	Other info:			
Origin:	ESP			donor:	Jambrina	Author:	
Wt	4488 W1	0 Ra	76388/97	L	CO	K	
Name:	BG-1561-3	yob/yinc:	84 / 85	Other info:			
Origin:	ESP			donor:	Jambrina	Author:	
Wt	4489 W1	Ra	75791/88	V	CV	K	
Name:	A 93	yob/yinc:	86 / 88	Other info:			20002
Origin:	Nei Meng Gu			donor:	CHA,A.A.Sc	Author:	
Wt	4490 W1	Ra	77124/00	V	CV	K	
Name:	A 94	yob/yinc:	86 / 88	Other info:			20003
Origin:	Nei Meng Gu			donor:	CHA,A.A.Sc	Author:	
Wt	4491 W1	Ra	77125/00	V	CV	K	
Name:	A 92	yob/yinc:	86 / 88	Other info:			20005
Origin:	Nei Meng Gu			donor:	CHA,A.A.Sc	Author:	
Wt	4492 W1	0 Ra	76041/94	V	CV	K	
Name:	A 114	yob/yinc:	86 / 88	Other info:			20006
Origin:	Si Chnan			donor:	CHA,A.A.Sc	Author:	
Wt	4493 W1	Ra	75792/88	V	CV	K	
Name:	A 225	yob/yinc:	86 / 88	Other info:			20007
Origin:	Shan Xi			donor:	CHA,A.A.Sc	Author:	

PISUM COLLECTION WIATROWO - TAXONOMY

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SP: sativum L. s. l.
 SSP: sativum
 CONV: sativum
 VAR: superfluens

				CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	4494 W1	0 Ra	75793	V	CV	K	
Name:	A 229	yob/yinc:	86 / 88	Other info:			20008
Origin:	CHA, Shan Xi			donor:	Acad.A.Sci	Author:	
Wt	4495 W1	Ra	75091	V	CV	K	
Name:	Karo	yob/yinc:	81 / 90	Other info:			
Origin:	Pasterzowice			donor:	ZKZG-IHAR	Author:	
Wt	4496 W1	Ra	75985/94	V	CV	K	
Name:	Kama (KOB 385)	yob/yinc:	90 / 91	Other info:			
Origin:	Abisynska x Karo; POL			donor:	Kosieczyn	Author:	Kostrzewscy
Wt	4497 W1	Ra	76393/97	E	PO	K	
Name:	Nizegorodec	yob/yinc:	91 / 92	Other info:			
Origin:	SUN,Gorky Region			donor:	VIR 8036	Author:	
Wt	4498 W1	Ra	76397/97	E	PO	K	
Name:	Solnecnyj	yob/yinc:	91 / 92	Other info:			
Origin:	SUN,Kujbyshev Region			donor:	VIR 7819	Author:	
Wt	4499 W1	Ra	76398/97	V	CV	K	
Name:	Bellerue	yob/yinc:	91 / 92	Other info:			
Origin:				donor:	D.Putnam	Author:	
Wt	4500 W1	Ra	76609/98	V	CV	K	
Name:	Rex	yob/yinc:	90 / 92	Other info:			
Origin:	FRA			donor:	Momont	Author:	
Wt	4551 W1	Ra	76265/95	V	CV	K	
Name:	Vreta	yob/yinc:	95 / 95	Other info:			
Origin:				donor:	POL, IHAR	Author:	
Wt	4552 W1	Ra	76266/95	V	CV	K	
Name:	Virrega	yob/yinc:	95 / 95	Other info:			
Origin:				donor:	POL, IHAR	Author:	
Wt	4553 W1	Ra	77603/08	V	CV	K	
Name:	Wiktoria Lagiewnicki	yob/yinc:	95 / 96	Other info:			
Origin:	POL			donor:	Sumperk	Author:	
Wt	4554 W1	Ra	77604/08	V	CV	K	
Name:	Pomorski Zolty	yob/yinc:	95 / 96	Other info:			
Origin:	POL			donor:	Sumperk	Author:	

PISUM COLLECTION WIATROWO - TAXONOMY

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SP: sativum L. s. l.
 SSP: sativum
 CONV: sativum
 VAR: superfluens

			CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	4555 W1	Ra	76163/96 L	LR	K	
Name:	E 4382	yob/yinc:	95 / 96	Other info:		
Origin:	Ochotnica Dolna			donor:	IHAR	Author:
Wt	4556 W1	Ra	76164/96 L	LR	K	
Name:	E 4391	yob/yinc:	95 / 96	Other info:		
Origin:	Ochotnica Dola			donor:	IHAR	Author:
Wt	4557 W1	Ra	77605/08 V	CV	K	
Name:	Kama	yob/yinc:	99 / 00	Other info:		
Origin:	POL			donor:	Wiatrowo	Author: Kosieczyn
Wt	4558 W1	Ra	77747/04 V	CV	K	
Name:	Moravec	yob/yinc:	02 / 02	Other info:		
Origin:	YUG, Novi Sad			donor:	A. Mikic	Author:

PISUM COLLECTION WIATROWO - TAXONOMY

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SP: sativum L. s. l.
 SSP: sativum
 CONV: sativum
 VAR: vitelinum

					CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	4401	W1	2559	Ra	75036	V	CV	K
Name: Zeiners Gold		yob/yinc:	73 / 74	Other info:				
Origin: DSG				donor:	Tapioszele	Author:		
Wt	4402	W1	0	Ra	77122/00	L	MU	K
Name: Ek-14 Vielbluetige (aus: Vilmorin II)		yob/yinc:	73 / 74	Other info:				
Origin:				donor:	Melzer	Author:		
Wt	4403	W1	2390	Ra	75790/88	V	SE	K
Name: Pisum Vilmorin II		yob/yinc:	81 / 81	Other info:				
Origin: R.Schreiber&So				donor:	Blixt	Author:		

PISUM COLLECTION WIATROWO - TAXONOMY

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SP: sativum L. s. l.
 SSP: sativum
 CONV: sativum
 VAR: waterlooensis

					CLASS IFICATION	TYPE	MAINTE NANCE	TYPE OF USAGE
Wt	4501 W1	2514	Ra	77599/08	V	CV	K	
Name:	Early Bird	yob/yinc:	/ 69	Other info:				
Origin:	Quedlinburg, Dippe	donor:	Lehmann	Author:				
Wt	4502 W1	0	Ra	75037	V	CV	K	
Name:	Aviator	yob/yinc:	/	Other info:				
Origin:		donor:	Tapioszele	Author:				
Wt	4503 W1	2485	Ra	77600/08	V	CV	K	
Name:	British Lion	yob/yinc:	/	Other info:				
Origin:	GBR	donor:	Lehmann	Author:				
Wt	4504 W1	0	Ra	75038	V	CV	K	
Name:	A Trois Gousses Rames	yob/yinc:	73 / 74	Other info:				
Origin:	FRA	donor:	Sofia,IGPB	Author:				
Wt	4505 W1	0	Ra	77601/08	V	CV	K	
Name:	Yanco Packwell	yob/yinc:	73 / 74	Other info:				
Origin:	AUS	donor:	Aitken	Author:				
Wt	4506 W1	0	Ra	75252	V	CV	K	
Name:	Yanco Choice	yob/yinc:	73 / 74	Other info:				
Origin:	AUS	donor:	Aitken	Author:				
Wt	4507 W1	0	Ra	77126/00	E	PO	K	
Name:	Population - 2 Dembi Dollo	yob/yinc:	/	Other info:				
Origin:	ZMB	donor:	Sarmezy	Author:				
Wt	4508 W1	0	Ra	75682	E	PO	K	
Name:	Population - 1	yob/yinc:	/	Other info:				
Origin:	DDR	donor:	Melzer	Author:				
Wt	4509 W1	0	Ra	76399/97	E	PO	K	
Name:	Population - 3	yob/yinc:	/	Other info:				
Origin:	YUG	donor:	Marx	Author:				
Wt	4510 W1	1875	Ra	77127/00	L	CO	K	
Name:		yob/yinc:	81 / 81	Other info:				
Origin:	GRC	donor:	Blixt	Author:				
Wt	4511 W1	2484	Ra	77602/08	V	CV	K	
Name:	Automobil	yob/yinc:	81 / 81	Other info:				
Origin:	E.Benary, Erfurt	donor:	Blixt	Author:				

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SP: sativum L. s. l.
 SSP: sativum
 CONV: speciosum
 VAR: alveolare

					CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	5001 W1	0	Ra	76291/95	E	PO	K	
Name:	Population - 1	yob/yinc:	/	Other info:				
Origin:	ETH, Abyssinia	donor:	Lehmann	Author:				
Wt	5002 W1	0	Ra	76292/95	V	CV	K	
Name:	Ave	yob/yinc:	/ 69	Other info:				
Origin:	POL, Kosieczyn	donor:	Czapiewska	Author:				
Wt	5004 W1	1891	Ra	76293/95	E	CO	K	
Name:		yob/yinc:	81 / 81	Other info:				
Origin:	ETH	donor:	Blixt	Author:				
Wt	5005 W1	0	Ra	76294/95	L	PO	K	
Name:	Schrimphs	yob/yinc:	83 / 85	Other info:				
Origin:		donor:	IHAR	Author:				

PISUM COLLECTION WIATROWO - TAXONOMY

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SP: sativum L. s. l.
 SSP: sativum
 CONV: speciosum
 VAR: alveolatum

					CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	5101	W1	0	Ra	76403/97	E	PO	K
Name:	Population - 1	yob/yinc:	/	Other info:				
Origin:	FIN			donor:			Author:	
Wt	5102	W1	1995	Ra	77748/04	V	CV	K
Name:	Ostfriesische Grüne	yob/yinc:	81 / 81	Other info:				
Origin:				donor:	Blixt		Author:	
Wt	5103	W1	0	Ra	76610/98	L	PO	K
Name:	Kreta 40	yob/yinc:	83 / 85	Other info:				
Origin:				donor:	IHAR		Author:	
Wt	5104	W1	0	Ra	76123/96	V	CV	K
Name:	Nola II	yob/yinc:	83 / 85	Other info:				
Origin:				donor:	IHAR		Author:	
Wt	5105	W1	0	Ra	75571	L	PO	K
Name:	Finskij Rannyj	yob/yinc:	83 / 85	Other info:				
Origin:				donor:	IHAR		Author:	
Wt	5106	W1	0	Ra	76611/98	V	CV	K
Name:	Passkaja	yob/yinc:	83 / 85	Other info:				
Origin:				donor:	IHAR		Author:	

PISUM COLLECTION WIATROWO - TAXONOMY

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SP: sativum L. s. l.
 SSP: sativum
 CONV: speciosum
 VAR: angulare

					CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	5201 W1	0	Ra 77280/01		E	CO	K	
Name:	Population - 1	yob/yinc:	/	Other info:				
Origin:	CETH, Abyssinia	donor:	Lehmann	Author:				
Wt	5202 W1	1107	Ra 75896/89		V	CV	K	FF
Name:	Parvus	yob/yinc:	/ 69	Other info:				
Origin:	SWE	donor:	Blixt	Author:				
Wt	5203 W1	0	Ra 75140/95		E	CO	K	
Name:	Population - 2 (149)	yob/yinc:	73 / 74	Other info:				
Origin:	ETH, Abyssinia	donor:	Gentry	Author:				
Wt	5204 W1	0	Ra 75795/88		E	CO	K	
Name:	Population - 3	yob/yinc:	73 / 74	Other info:				
Origin:	ETH, Abyssinia	donor:	Gentry	Author:				
Wt	5205 W1	0	Ra 75684		E	CO	K	
Name:	Population - 4 (22887)	yob/yinc:	73 / 74	Other info:				
Origin:	ETH, Abyssinia	donor:	Gentry	Author:				
Wt	5206 W1	0	Ra 76404/97		E	PO	K	
Name:	Population - 5 (489/A)	yob/yinc:	/	Other info:				
Origin:	AUS	donor:	Aitken	Author:				
Wt	5207 W1	0	Ra 75988/94		E	PO	K	
Name:	Population - 6	yob/yinc:	/	Other info:				
Origin:	Wisconsin	donor:	Marx	Author:				
Wt	5208 W1	0	Ra 77409/97		L	XD	K	
Name:	Svalofs Notaart * Abisynska	yob/yinc:	74 / 75	Other info:				
Origin:	POL	donor:	Swiecicki	Author:			Swiecicki	
Wt	5209 W1	0	Ra 76431/97		E	CO	K	
Name:	Population - 7	yob/yinc:	/	Other info:				
Origin:	ETH, Abyssinia	donor:	Crampton	Author:				
Wt	5210 W1	0	Ra 76432/97		E	CO	K	
Name:	Population - 8	yob/yinc:	/	Other info:				
Origin:	ETH, Abyssinia	donor:	Crampton	Author:				
Wt	5211 W1	1892	Ra 75685		E	CO	K	
Name:		yob/yinc:	81 / 81	Other info:				
Origin:	ETH	donor:	Blixt	Author:				

PISUM COLLECTION WIATROWO - TAXONOMY

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SP: sativum L. s. l.
 SSP: sativum
 CONV: speciosum
 VAR: angulare

					CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	5212	W1	0 Ra	77749/04	L	PO	K	
Name:	No 2242	yob/yinc:	82 / 85	Other info:				
Origin:	CHN	donor:	CHAAS	Author:				
Wt	5213	W1	0 Ra	77750/04	L	PO	K	
Name:	No 2241	yob/yinc:	82 / 85	Other info:				
Origin:	CHN	donor:	CHAAS	Author:				
Wt	5214	W1	0 Ra	75572	L	XD	K	
Name:	WTD 3005	yob/yinc:	81 / 85	Other info:				
Origin:	Heros x Baranie Rogi	donor:	Swiecicki	Author:	Swiecicki			

PISUM COLLECTION WIATROWO - TAXONOMY

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SP: sativum L. s. l.
 SSP: sativum
 CONV: speciosum
 VAR: angulatum

					CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	5301 W1	0 Ra	76433/97	V		CV	K	
Name:	Vlasta	yob/yinc:	/	Other info:				
Origin:	CSK			donor:	Ruzyne	Author:		
Wt	5302 W1	0 Ra	76612/98	E		CO	K	
Name:	Population - 1	yob/yinc:	73 / 74	Other info:				
Origin:	ETH, Abyssinia			donor:	VIR	Author:		
Wt	5303 W1	0 Ra	77281/01	E		PO	K	
Name:	Population - 2 (681)	yob/yinc:	/	Other info:				
Origin:	AUS			donor:	Aitken	Author:		
Wt	5304 W1	0 Ra	76296/95	L		XD	K	FS
Name:	WTD 3007	yob/yinc:	/	Other info:				
Origin:	Finale x WTD 3002			donor:	Swiecicki	Author:	Swiecicki	

PISUM COLLECTION WIATROWO - TAXONOMY

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SP: sativum L. s. l.
 SSP: sativum
 CONV: speciosum
 VAR: ankoberense

					CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	5401 W1	1996	Ra	75686	V	CV	K	
Name:	Assas	yob/yinc:	/ 70	Other info:				
Origin:		donor:	Lehmann	Author:				
Wt	5402 W1	0	Ra	75687	E	PO	K	
Name:	Population - 1	yob/yinc:	/ 70	Other info:				
Origin:	Peloponnes	donor:	Lehmann	Author:				
Wt	5403 W1	0	Ra	75989/94	E	PO	K	
Name:	Can-Can	yob/yinc:	73 / 74	Other info:				
Origin:	SYR	donor:		Author:				
Wt	5405 W1	0	Ra	77619/08	E	PO	K	
Name:	Population - 2 (679)	yob/yinc:	/	Other info:				
Origin:		donor:	Aitken	Author:				
Wt	5406 W1	0	Ra	76435/97	V	CV	K	
Name:	Neuga	yob/yinc:	74 / 75	Other info:				
Origin:	DDR	donor:	Lehmann	Author:				
Wt	5407 W1	1893	Ra	76613/98	E	CO	K	
Name:		yob/yinc:	81 / 81	Other info:				
Origin:	Hindukusch	donor:	Blixt	Author:				
Wt	5408 W1	0	Ra	75897/89	V	CV	K	
Name:	Tigra	yob/yinc:	84 / 85	Other info:				
Origin:	DDR	donor:	Melzer	Author:	Melzer			
Wt	5409 W1	0	Ra	76124/96	L	XD	K	
Name:	WTD 3003 * Auralia	yob/yinc:	81 / 85	Other info:				
Origin:	2980/1/81	donor:	Swiecicki	Author:	Swiecicki			
Wt	5410 W1		Ra	77211/00	V	CV	K	
Name:	Dawo	yob/yinc:	96 / 96	Other info:				
Origin:	Pegro * LUFK	donor:	Swiecicki	Author:	Swiecicki			
Wt	5411 W1		Ra	77212/00	V	CV	K	
Name:	Idol	yob/yinc:	96 / 96	Other info:				
Origin:		donor:	Owsianny	Author:	Owsianny, Swiecicki			
Wt	5412 W1		Ra	76166/96	V	CV	K	
Name:	Timo	yob/yinc:	93 / 96	Other info:				
Origin:		donor:		Author:				

PISUM COLLECTION WIATROWO - TAXONOMY

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SP: sativum L. s. l.
 SSP: sativum
 CONV: speciosum
 VAR: apunctatum

				CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	5501 W1		Ra 75796/88	E	CO	K	
Name:	Population - 1	yob/yinc:	73 / 74	Other info:			
Origin:	ETH, Abyssinia			donor:	VIR	Author:	
Wt	5502 W1	0	Ra 76297/95	E	CO	K	
Name:	Population - 2	yob/yinc:	/	Other info:			
Origin:	Hindukusch			donor:	Lehmann	Author:	
Wt	5503 W1	2317	Ra 76436/97	V	CV	K	
Name:	Skorospelyj 16	yob/yinc:	73 / 74	Other info:			
Origin:	SUN			donor:	VIR	Author:	
Wt	5504 W1	0	Ra 77129/00	E	CO	K	
Name:	Population - 3 (22810)	yob/yinc:	73 / 74	Other info:			
Origin:	ETH, Abyssinia			donor:	Gentry	Author:	
Wt	5505 W1	0	Ra 75688	E	PO	K	
Name:	Arvejos Primitivas	yob/yinc:	73 / 74	Other info:			
Origin:	ARG			donor:		Author:	
Wt	5506 W1	2249	Ra 76438/97	V	CV	K	
Name:	Dun Field	yob/yinc:	/	Other info:			
Origin:	AUS			donor:	Tapioszele	Author:	
Wt	5507 W1	1895	Ra 75797/88	E	CO	K	
Name:		yob/yinc:	81 / 81	Other info:			
Origin:	Hindukusch			donor:	Blixt	Author:	

PISUM COLLECTION WIATROWO - TAXONOMY

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SP: sativum L. s. l.
 SSP: sativum
 CONV: speciosum
 VAR: arvense

					CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	5601	W1	0	Ra	76442/97	E	PO	K
Name:	Population - 1	yob/yinc:	/	Other info:				
Origin:	TUR			donor:	Izmir	Author:		
Wt	5602	W1	0	Ra	75990/94	E	PO	K
Name:	Population - 2	yob/yinc:	/	Other info:				
Origin:	TUR			donor:	Izmir	Author:		
Wt	5603	W1	1888	Ra	77130/00	E	CO	K
Name:		yob/yinc:	81 / 81	Other info:				
Origin:	ALB			donor:	Blixt	Author:		
Wt	5604	W1	1896	Ra	75253/95	L	CO	K
Name:		yob/yinc:	81 / 81	Other info:				
Origin:	ETH			donor:	Blixt	Author:		
Wt	5605	W1	0	Ra	77131/00	V	CV	K
Name:	Igar	yob/yinc:	/	Other info:				
Origin:	POL			donor:	Czapiewska	Author:		
Wt	5606	W1	0	Ra	75991/94	E	PO	K
Name:	Population - 3	yob/yinc:	/	Other info:				
Origin:	ITA			donor:	Scar.-Mugn	Author:		
Wt	5607	W1	0	Ra	76443/97	E	PO	K
Name:	Kagizman	yob/yinc:	/	Other info:				
Origin:	TUR			donor:	Izmir	Author:		
Wt	5609	W1	2776	Ra	76445/97	V	CV	K
Name:	Marma	yob/yinc:	/ 69	Other info:				
Origin:	SWE			donor:	Blixt	Author:		
Wt	5611	W1	0	Ra	77132/00	V	CV	K
Name:	Nak	yob/yinc:	/	Other info:				
Origin:	POL			donor:	Czapiewska	Author:		
Wt	5612	W1	0	Ra	76446/97	V	CV	K
Name:	Okla	yob/yinc:	/	Other info:				
Origin:	USA			donor:	Gentry	Author:		
Wt	5614	W1	0	Ra	76299/95	L	CV	K
Name:	Schrottenerbse Svalofs	yob/yinc:	/ 72	Other info:				
Origin:	SWE			donor:	Bingefors	Author:		

PISUM COLLECTION WIATROWO - TAXONOMY

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SP: sativum L. s. l.
 SSP: sativum
 CONV: speciosum
 VAR: arvense

					CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	5615	W1	0	Ra	76300/95	V	CV	K
Name:	Stendskaja	yob/yinc:	/ 70	Other info:				
Origin:	SUN	donor:			Ruzyne	Author:		
Wt	5617	W1	0	Ra	75254/95	V	CV	K
Name:	Violetta	yob/yinc:	/ 69	Other info:				
Origin:	Spaths	donor:			Tapioszele	Author:		
Wt	5618	W1	0	Ra	76447/97	E	CO	K
Name:	Population - 4	yob/yinc:	73 / 74	Other info:				
Origin:	ETH, Abyssinia	donor:			VIR	Author:		
Wt	5619	W1	0	Ra	76302/95	E	PO	K
Name:	Achalkalaskij Mestnyj	yob/yinc:	73 / 74	Other info:				
Origin:	SUN	donor:			Lehmann	Author:		
Wt	5620	W1	2103	Ra	76448/97	V	CV	K
Name:	Luna	yob/yinc:	/ 70	Other info:				
Origin:	CSK	donor:			Ruzyne	Author:		
Wt	5621	W1	0	Ra	76449/97	E	CO	K
Name:	Population - 5	yob/yinc:	/	Other info:				
Origin:	ETH, Abyssinia	donor:			Aitken	Author:		
Wt	5622	W1	0	Ra	75255/95	E	CO	K
Name:	Population - 6	yob/yinc:	/	Other info:				
Origin:	ETH, Abyssinia	donor:			Crampton	Author:		

PISUM COLLECTION WIATROWO - TAXONOMY

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SP: sativum L. s. l.
 SSP: sativum
 CONV: speciosum
 VAR: asmaricum

					CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	5701	W1	0	Ra	76450/97	L	PO	K
Name:	Graue Erbse 2	yob/yinc:	/	Other info:				
Origin:				donor:	Ruzyne	Author:		
Wt	5702	W1	0	Ra	75992/94	V	CV	K
Name:	Aureool	yob/yinc:	/	Other info:				
Origin:	NLD			donor:	Ruzyne	Author:		
Wt	5703	W1	0	Ra	75256/95	E	PO	K
Name:	Population - 1 (343982)	yob/yinc:	73 / 74	Other info:				
Origin:	CAN			donor:	Slinkard	Author:		
Wt	5704	W1	0	Ra	76451/97	E	PO	K
Name:	Population - 2	yob/yinc:	/	Other info:				
Origin:	ETH, Abyssinia			donor:	Aitken	Author:		
Wt	5705	W1	0	Ra	75573	L	PO	K
Name:	Abissinien ober Honaszelewe	yob/yinc:	83 / 85	Other info:				+Ra75993
Origin:				donor:	IHAR	Author:		
Wt	5706	W1	0	Ra	75574	L	PO	K
Name:	Prassia B II 97	yob/yinc:	83 / 85	Other info:				+Ra75994
Origin:				donor:	IHAR	Author:		
Wt	5707	W1	0	Ra	75575	V	CV	K
Name:	Nor	yob/yinc:	83 / 85	Other info:				+Ra75995
Origin:				donor:	IHAR	Author:		
Wt	5708	W1	0	Ra	75996/94	E	CO	K
Name:	Miejscowy Saratowska Oblast	yob/yinc:	83 / 85	Other info:				
Origin:				donor:	IHAR	Author:		
Wt	5709	W1	0	Ra	75997/94	V	CV	K
Name:	Moldawski 324	yob/yinc:	83 / 85	Other info:				
Origin:				donor:	IHAR	Author:		
Wt	5710	W1	0	Ra	75576	E	CO	K
Name:	Peloponnes	yob/yinc:	83 / 85	Other info:				
Origin:				donor:	IHAR	Author:		
Wt	5711	W1	0	Ra	75998/94	V	CV	K
Name:	Zaragoza	yob/yinc:	79 / 85	Other info:				
Origin:				donor:		Author:		

PISUM COLLECTION WIATROWO - TAXONOMY

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SP: sativum L. s. l.
 SSP: sativum
 CONV: speciosum
 VAR: asmaricum

				CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	5712	W1	0 Ra	77620/08	V	CV	K
Name:	Michjetskij	yob/yinc:	80 / 85	Other info:			
Origin:	SUN			donor:	IHAR	Author:	
Wt	5713	W1	0 Ra	75577	L	XD	K
Name:	WTD	yob/yinc:	80 / 85	Other info:			+Ra75999
Origin:	(5012 * 711) * 711			donor:	Owsianny	Author:	Swiecicki

PISUM COLLECTION WIATROWO - TAXONOMY

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SP: sativum L. s. l.
SSP: sativum
CONV: speciosum
VAR: biannulatum

				CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE	
Wt	5801	W1	1612	Ra	75798/88	E	CO	NANCE K
Name:	021	yob/yinc:	81 / 81	Other info:				
Origin:	BII439,Kukkli	donor:	Blixt	Author:				

PISUM COLLECTION WIATROWO - TAXONOMY

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SP: sativum L. s. l.
 SSP: sativum
 CONV: speciosum
 VAR: bimaculatum

					CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	5901	W1	1444	Ra	75257/95	E	CO	K
Name:	Population - 1	yob/yinc:	73 / 74	Other info:				
	(562)							
Origin:	TUR			donor:	Blixt	Author:		
Wt	5902	W1	0	Ra	75258/95	E	PO	K
Name:	Population - 2	yob/yinc:	73 / 74	Other info:				
Origin:	IND			donor:	Sharma	Author:		
Wt	5903	W1	0	Ra	75259	E	CO	K
Name:	Population - 3	yob/yinc:	73 / 74	Other info:				
	(22765)							
Origin:	ETH, Abyssinia			donor:	Gentry	Author:		
Wt	5904	W1	0	Ra	76452/97	E	CO	K
Name:	Population - 4	yob/yinc:	73 / 74	Other info:				
	(22766)							
Origin:	ETH, Abyssinia			donor:	Gentry	Author:		
Wt	5905	W1	1955	Ra	76453/97	E	CO	K
Name:		yob/yinc:	81 / 81	Other info:				
Origin:				donor:	Blixt	Author:		

PISUM COLLECTION WIATROWO - TAXONOMY

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SP: sativum L. s. l.
 SSP: sativum
 CONV: speciosum
 VAR: capucinatorum

					CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	6001 W1	2655	Ra	75260	V	CV	K	
Name:	Delfin	yob/yinc:	/ 70	Other info:				
Origin:	NLD	donor:	Madajewski	Author:				
Wt	6002 W1	0	Ra	77133/00	L	XD	K	
Name:	Delfin x Kieratynia	yob/yinc:	/ 70	Other info:				
Origin:	POL, Lagiewniki	donor:	Madajewski	Author:	Madajewski			
Wt	6003 W1	0	Ra	77134/00	V	CV	K	FS
Name:	Gastro	yob/yinc:	/ 72	Other info:				
Origin:	Koroza x (Nordhol.roz.x	donor:	Cebeco	Author:				
Wt	6004 W1	0	Ra	76454/97	V	CV	K	FS
Name:	Impossant	yob/yinc:	/ 72	Other info:				
Origin:	(Ceb.xZelka)x(A ureoolxAureool)	donor:	Cebeco	Author:				
Wt	6005 W1	0	Ra	76455/97	E	CO	K	
Name:	Population - 1	yob/yinc:	/	Other info:				
Origin:	ETH, Abyssinia	donor:	Addis Abeb	Author:				
Wt	6006 W1	0	Ra	76456/97	E	PO	K	
Name:	Population - 2	yob/yinc:	/	Other info:				
Origin:	Germany	donor:	Marx	Author:				
Wt	6007 W1	0	Ra	76457/97	E	PO	K	
Name:	Population - 3	yob/yinc:	/	Other info:				
Origin:	Germany	donor:	Marx	Author:				
Wt	6008 W1	0	Ra	76458/97	E	PO	K	
Name:	Population - 4	yob/yinc:	/	Other info:				
Origin:	Germany	donor:	Marx	Author:				
Wt	6009 W1	0	Ra	76459/97	E	PO	K	
Name:	Population - 5	yob/yinc:	/	Other info:				
Origin:	ESP	donor:	Marx	Author:				
Wt	6010 W1	2109	Ra	76000/94	L	CV	K	
Name:	Liblicky Bastard	yob/yinc:	/ 72	Other info:				
Origin:	CSK	donor:	Ruzyne	Author:				
Wt	6011 W1	0	Ra	77621/08	V	CV	K	
Name:	Mansholts	yob/yinc:	/ 72	Other info:				
Origin:	NLD	donor:	Barenbroug	Author:				

PISUM COLLECTION WIATROWO - TAXONOMY

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SP: sativum L. s. l.
 SSP: sativum
 CONV: speciosum
 VAR: capucinatorum

				CLASSIFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	6012	W1	0 Ra	76460/97	V	CV	K
Name:	Russische von Riedel	yob/yinc:	/ 72	Other info:			
Origin:				donor:	Lehmann	Author:	
Wt	6013	W1	1997 Ra	76461/97	V	CV	K
Name:	Brioart	yob/yinc:	/ 72	Other info:			
Origin:	SWE			donor:	Lehmann	Author:	
Wt	6014	W1	0 Ra	75261	E	PO	K
Name:	Population - 6	yob/yinc:	/	Other info:			
Origin:	CSK			donor:	Ruzyne	Author:	
Wt	6015	W1	0 Ra	75262	E	PO	K
Name:	Population - 7	yob/yinc:	/	Other info:			
Origin:	NLD			donor:	Marx	Author:	
Wt	6016	W1	0 Ra	77622/08	E	PO	K
Name:	Population - 8	yob/yinc:	/	Other info:			
Origin:	NLD			donor:	Marx	Author:	
Wt	6017	W1	0 Ra	77623/08	E	PO	K
Name:	Population - 9	yob/yinc:	73 / 74	Other info:			
Origin:	NLD			donor:	Marx	Author:	
Wt	6018	W1	0 Ra	75127/82	L	XD	K
Name:	Kapuzin x Ethiopia	yob/yinc:	79 / 80	Other info:			
Origin:	2064/79			donor:	Swiecicki	Author:	Swiecicki
Wt	6019	W1	0 Ra	75263	L	XD	K
Name:	Lysima x Paloma	yob/yinc:	79 / 80	Other info:			
Origin:	933/79			donor:	Swiecicki	Author:	Swiecicki
Wt	6020	W1	0 Ra	77135/00	V	CV	K
Name:	Vinco	yob/yinc:	73 / 74	Other info:			
Origin:	NLD			donor:	Sofia	Author:	
Wt	6021	W1	0 Ra	76462/97	E	PO	K
Name:	Population - 10	yob/yinc:	/	Other info:			
Origin:	NLD			donor:	Marx	Author:	
Wt	6022	W1	0 Ra	76614/98	V	PO	K
Name:	Purple Pod	yob/yinc:	/ 69	Other info:			
Origin:	AUS			donor:	Aitken	Author:	

PISUM COLLECTION WIATROWO - TAXONOMY

165 z 225 7 października 2013

SP: sativum L. s. l.
 SSP: sativum
 CONV: speciosum
 VAR: capucinatorum

				CLASSIFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	6023 W1	0	Ra 77624/08	E	PO	K	
Name:	Population - 11	yob/yinc:	/	Other info:			
Origin:	NLD			donor:	Marx	Author:	
Wt	6024 W1	0	Ra 75264	L	XD	K	FS
Name:	WTD 3001	yob/yinc:	74 / 75	Other info:			
Origin:	Ranger x Impossant			donor:	Swiecicki	Author:	Swiecicki
Wt	6025 W1	0	Ra 75039	L	XD	K	FS
Name:	WTD 3003	yob/yinc:	74 / 75	Other info:			
Origin:	Ranger x Gastro			donor:	Swiecicki	Author:	
Wt	6026 W1	0	Ra 77136/00	L	XD	K	FS
Name:	WTD 3004	yob/yinc:	74 / 75	Other info:			
Origin:	Impossant x Satellite			donor:	Swiecicki	Author:	Swiecicki
Wt	6027 W1	0	Ra 75265	L	XD	K	FS
Name:	WTD 3005	yob/yinc:	74 / 75	Other info:			
Origin:	Heros x Baranie Rogi			donor:	Swiecicki	Author:	Swiecicki
Wt	6028 W1	0	Ra 75799/88	L	XD	K	
Name:	Gastro x Pirat	yob/yinc:	80 / 81	Other info:			
Origin:	POL, Wiatrowo			donor:	Swiecicki	Author:	Swiecicki
Wt	6029 W1	0	Ra 75040	L	XD	K	
Name:	R 1	yob/yinc:	79 / 80	Other info:			
Origin:	DDR, Granskewitz			donor:	Melzer	Author:	
Wt	6030 W1	0	Ra 75689	L	XD	K	
Name:	R 2	yob/yinc:	79 / 80	Other info:			
Origin:	DDR, Granskewitz			donor:	Melzer	Author:	
Wt	6031 W1	0	Ra 75690	L	XD	K	
Name:	R 3	yob/yinc:	79 / 80	Other info:			
Origin:	DDR, Granskewitz			donor:	Melzer	Author:	
Wt	6032 W1	0	Ra 75691	L	XD	K	
Name:	R 4	yob/yinc:	79 / 80	Other info:			
Origin:	DDR, Granskewitz			donor:	Melzer	Author:	
Wt	6033 W1	0	Ra 76465/97	L	XD	K	
Name:	R 5	yob/yinc:	79 / 80	Other info:			
Origin:	DDR, Granskewitz			donor:	Melzer	Author:	

PISUM COLLECTION WIATROWO - TAXONOMY

166 z 225 7 października 2013

SP: sativum L. s. l.
 SSP: sativum
 CONV: speciosum
 VAR: capucinatorum

					CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	6034	W1	0	Ra 76466/97	L	XD	K	
Name:	R 8	yob/yinc:	79 / 80	Other info:				
Origin:	DDR, Granskewitz			donor:	Melzer	Author:		
Wt	6035	W1	0	Ra 76467/97	L	XD	K	
Name:	R 9	yob/yinc:	79 / 80	Other info:				
Origin:	DDR, Granskewitz			donor:	Melzer	Author:		
Wt	6036	W1	0	Ra 75041	E	XD	K	
Name:	Armenia x P. sativum	yob/yinc:	80 / 81	Other info:				
Origin:	1977/90			donor:	Swiecicki	Author:	Swiecicki	
Wt	6037	W1	1598	Ra 75800/88	E	CO	K	
Name:	081	yob/yinc:	81 / 81	Other info:				
Origin:	AFG, Hindukusch			donor:	Blixt	Author:		
Wt	6038	W1	1820	Ra 77625/08		CO	K	
Name:		yob/yinc:	81 / 81	Other info:				
Origin:				donor:	Blixt	Author:		
Wt	6039	W1	0	Ra 76307/95	L	XD	K	
Name:	WTD 3002 * Flavanda	yob/yinc:	83 / 83	Other info:				
Origin:				donor:	Swiecicki	Author:	Swiecicki	
Wt	6040	W1	0	Ra 76308/95	L	XD	K	
Name:	WTD 3010	yob/yinc:	83 / 83	Other info:				
Origin:	WTD 3002 x Auralia			donor:	Swiecicki	Author:	Swiecicki	
Wt	6041	W1	0	Ra 76309/95	L	XD	K	
Name:	WTD 3009	yob/yinc:	83 / 83	Other info:				
Origin:	16013 * Jupiter			donor:	Swiecicki	Author:	Swiecicki	
Wt	6043	W1	0	Ra 77282/01	V	CV	K	
Name:	Mansholts Dolfijn	yob/yinc:	83 / 85	Other info:				
Origin:				donor:	IHAR	Author:		
Wt	6044	W1	0	Ra 77283/01	V	CV	K	
Name:	Purpurviolettshotige Nero	yob/yinc:	83 / 85	Other info:				
Origin:				donor:	IHAR	Author:		
Wt	6045	W1	0	Ra 75578/94	L	CO	K	
Name:	BG-1494-7	yob/yinc:	84 / 85	Other info:				+Ra76001
Origin:				donor:	Jambrina	Author:		

PISUM COLLECTION WIATROWO - TAXONOMY

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SP: sativum L. s. l.
 SSP: sativum
 CONV: speciosum
 VAR: capucinatorum

				CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	6046 W1	0 Ra	76125/96	L	XD	K	
Name:	WTD	yob/yinc:	80 / 85	Other info:			
Origin:	711 * 5012			donor:	Owsianny	Author:	Swiecicki
Wt	6047 W1	Ra	75801/88	L	CO	K	
Name:	Grochopeluska	yob/yinc:	87 / 88	Other info:			20014
Origin:	POL			donor:		Author:	
Wt	6048 W1	Ra	75898/89	V	CV	K	
Name:	Pegro	yob/yinc:	89 / 89	Other info:			WTD 3006,WTD 583
Origin:	(Delfin x Neuga) x Paloma			donor:	Swiecicki	Author:	Swiecicki
Wt	6049 W1	Ra	75899/95	L	XD	K	
Name:	WTD 986	yob/yinc:	89 / 89	Other info:			WTD 3008
Origin:	(WTD 3002 x Flavanda)x Flav.			donor:	Swiecicki	Author:	Swiecicki
Wt	6050 W1	Ra	75900/89	V	CV	K	
Name:	Gomik	yob/yinc:	89 / 89	Other info:			
Origin:	POL, Przebedowo			donor:	Przebedowo	Author:	
Wt	6051 W1	Ra	77626/08	L	PO	K	
Name:	Kapucynek	yob/yinc:	93 / 94	Other info:			
Origin:	POL			donor:	Milczak	Author:	
Wt	6052 W1	0 Ra	77284/01	V	CV	K	
Name:	Grapis	yob/yinc:	95 / 97	Other info:			
Origin:	DEU			donor:	Melzer	Author:	
Wt	6053 W1	Ra	77213/00	V	CV	K	
Name:	Bart	yob/yinc:	99 / 00	Other info:			
Origin:	POL			donor:	Wiatrowo	Author:	Kosieczyn
Wt	6054 W1	Ra	77221/00	V	CV	K	
Name:	Zagloba	yob/yinc:	00 / 00	Other info:			
Origin:	POL, WTD3096(K.86			donor:	Wiatrowo	Author:	Swiecicki
Wt	6055 W1	Ra	77222/00	V	CV	K	
Name:	Wiato	yob/yinc:	00 / 00	Other info:			
Origin:	POL, (01373*3006)*G			donor:	Wiatrowo	Author:	Owsianny

PISUM COLLECTION WIATROWO - TAXONOMY

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SP: sativum L. s. l.
 SSP: sativum
 CONV: speciosum
 VAR: centrali-sibiricum

					CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	6101	W1	1998	Ra	76615/98	V	CV	K
Name: Svalofs Notaart		yob/yinc:	/ 70		Other info:			
Origin: SWE				donor:	Lehmann	Author:		
Wt	6102	W1	0	Ra	76042/94	E	PO	K
Name: Population - 1		yob/yinc:	73 / 74		Other info:			
Origin:				donor:	Snoad	Author:		
Wt	6103	W1	2296	Ra	77137/00	V	CV	K
Name: Nola II		yob/yinc:	/ 72		Other info:			
Origin: SWE				donor:	Tapioszele	Author:		
Wt	6104	W1	0	Ra	75692	V	CV	K
Name: Vesta		yob/yinc:	/ 72		Other info:			
Origin: SWE				donor:		Author:		
Wt	6105	W1	0	Ra	75266	E	CO	K
Name: Population - 2		yob/yinc:	/		Other info:			
Origin: SUN				donor:	VIR	Author:		

PISUM COLLECTION WIATROWO - TAXONOMY

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SP: sativum L. s. l.
 SSP: sativum
 CONV: speciosum
 VAR: commato-semineum

					CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	6201 W1	0	Ra	76469/97	E	CO	K	
Name:	Population - 1	yob/yinc:	/	Other info:				
Origin:	Hindukusch	donor:	Lehmann	Author:				
Wt	6202 W1	0	Ra	76470/97	E	CO	K	
Name:	Population - 2	yob/yinc:	/	Other info:				
Origin:	Hindukusch	donor:	Lehmann	Author:				
Wt	6203 W1	0	Ra	76471/97	V	CV	K	
Name:	Svalofs Solvart	yob/yinc:	/	Other info:				
Origin:	SWE	donor:	Lehmann	Author:				
Wt	6204 W1	1901	Ra	75267/95	E	CO	K	
Name:		yob/yinc:	81 / 81	Other info:				
Origin:	Hindukusch	donor:	Blixt	Author:				

PISUM COLLECTION WIATROWO - TAXONOMY

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SP: sativum L. s. l.
 SSP: sativum
 CONV: speciosum
 VAR: concolor

					CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	6301 W1	1902	Ra	75128/95	E	CO	K	
Name:	yob/yinc:		81 / 81	Other info:				
Origin:	ETH			donor:	Blixt	Author:		
Wt	6302 W1	0	Ra	75802/88	E	CO	K	
Name:	Population - 1	yob/yinc:	/ 70	Other info:				
Origin:	ETH, Abyssinia			donor:	Lehmann	Author:		
Wt	6303 W1	0	Ra	76313/95	E	CO	K	
Name:	Population - 2	yob/yinc:	73 / 74	Other info:				
Origin:	ETH, Abyssinia			donor:	VIR	Author:		
Wt	6304 W1	0	Ra	75129/95	E	CO	K	
Name:	Population - 3	yob/yinc:	73 / 74	Other info:				
Origin:	ETH, Abyssinia			donor:	VIR	Author:		
Wt	6305 W1	0	Ra	76315/95	E	CO	K	
Name:	Population - 4	yob/yinc:	73 / 74	Other info:				
Origin:	ETH, Abyssinia			donor:	VIR	Author:		
Wt	6306 W1	0	Ra	76316/95	E	CO	K	
Name:	Population - 5	yob/yinc:	73 / 74	Other info:				
Origin:	ETH, Abyssinia			donor:	VIR	Author:		
Wt	6307 W1	0	Ra	75130/95	E	CO	K	
Name:	Population - 6	yob/yinc:	73 / 74	Other info:				
Origin:	ETH, Abyssinia			donor:	VIR	Author:		
Wt	6308 W1	0	Ra	76318/95	E	CO	K	
Name:	Population - 7	yob/yinc:	73 / 74	Other info:				
Origin:	ETH, Abyssinia			donor:	VIR	Author:		
Wt	6309 W1	0	Ra	76319/95	E	CO	K	
Name:	Population - 8	yob/yinc:	73 / 74	Other info:				
Origin:	ETH, Abyssinia			donor:	VIR	Author:		
Wt	6310 W1	0	Ra	76320/95	L	CO	K	
Name:	Population - 9	yob/yinc:	73 / 74	Other info:				
Origin:	ETH, Abyssinia			donor:	VIR	Author:		
Wt	6311 W1	0	Ra	75693	E	CO	K	
Name:	Population - 10	yob/yinc:	73 / 74	Other info:				
Origin:	ETH, Abyssinia			donor:	VIR	Author:		

PISUM COLLECTION WIATROWO - TAXONOMY

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SP: sativum L. s. l.
 SSP: sativum
 CONV: speciosum
 VAR: concolor

				CLASS IFICATION	TYPE	MAINTE NANCE	TYPE OF USAGE
Wt	6312 W1	0 Ra	75268/95	L	PO	K	FF
Name:	Peluska-116	yob/yinc:	73 / 74	Other info:			
Origin:	CSK			donor:	Sofia,IGPB	Author:	
Wt	6313 W1	0 Ra	75042	V	CV	K	
Name:	Jasna	yob/yinc:	73 / 74	Other info:			
Origin:	POL			donor:	Czapiewska	Author:	
Wt	6314 W1	0 Ra	75131/82	V	CV	K	
Name:	Romac	yob/yinc:	/ 70	Other info:			
Origin:	USA			donor:		Author:	
Wt	6315 W1	0 Ra	77138/00	E	CO	K	
Name:	Population - 11	yob/yinc:	73 / 74	Other info:			
Origin:	Hindukusch			donor:	Lehmann	Author:	
Wt	6316 W1	0 Ra	75043	E	CO	K	
Name:	Population - 12	yob/yinc:	73 / 74	Other info:			
Origin:	ETH, Abyssinia			donor:	VIR	Author:	
Wt	6317 W1	0 Ra	77139/00	E	CO	K	
Name:	Population - 13	yob/yinc:	73 / 74	Other info:			
Origin:	ETH, Abyssinia			donor:	VIR	Author:	
Wt	6318 W1	0 Ra	75044	E	CO	K	
Name:	Population - 14	yob/yinc:	73 / 74	Other info:			
Origin:	ETH, Abyssinia			donor:	VIR	Author:	
Wt	6319 W1	0 Ra	75045	E	CO	K	
Name:	Population - 15	yob/yinc:	73 / 74	Other info:			
Origin:	ETH, Abyssinia			donor:	VIR	Author:	
Wt	6320 W1	0 Ra	75269/95	E	CO	K	
Name:	Population - 16	yob/yinc:	73 / 74	Other info:			
Origin:	ETH, Abyssinia			donor:	VIR	Author:	
Wt	6321 W1	0 Ra	77140/00	E	CO	K	
Name:	Population - 17	yob/yinc:	73 / 74	Other info:			
Origin:	ETH, Abyssinia			donor:	VIR	Author:	
Wt	6322 W1	0 Ra	75046	E	CO	K	
Name:	Population - 18	yob/yinc:	73 / 74	Other info:			
Origin:	ETH, Abyssinia			donor:	VIR	Author:	

PISUM COLLECTION WIATROWO - TAXONOMY

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SP: sativum L. s. l.
 SSP: sativum
 CONV: speciosum
 VAR: concolor

				CLASS IFICATION	TYPE	MAINTE NANCE	TYPE OF USAGE
Wt	6323	W1	0 Ra	77141/00	L	XD	K
Name:	R 725	yob/yinc:	73 / 74	Other info:			
Origin:	POL, Szyldak			donor:	Czapiewska	Author:	
Wt	6324	W1	0 Ra	75047	V	CV	K
Name:	Holeta Shiro	yob/yinc:	73 / 74	Other info:			
Origin:	JPN			donor:	Hiratsuka	Author:	
Wt	6325	W1	0 Ra	77142/00	L	XD	K
Name:	Kolomsa 185	yob/yinc:	73 / 74	Other info:			
Origin:				donor:	VIR	Author:	
Wt	6326	W1	0 Ra	75048	E	CO	K
Name:	Population - 19	yob/yinc:	73 / 74	Other info:			
Origin:				donor:	VIR	Author:	
Wt	6327	W1	0 Ra	75049	E	CO	K
Name:	Population - 20	yob/yinc:	73 / 74	Other info:			
Origin:				donor:	VIR	Author:	
Wt	6328	W1	0 Ra	75050	E	CO	K
Name:	Population - 21	yob/yinc:	73 / 74	Other info:			
Origin:				donor:	VIR	Author:	
Wt	6329	W1	0 Ra	75051	E	CO	K
Name:	Population - 22	yob/yinc:	73 / 74	Other info:			
Origin:				donor:	VIR	Author:	
Wt	6330	W1	0 Ra	75052	E	CO	K
Name:	Population - 23 (436)	yob/yinc:	73 / 74	Other info:			
Origin:	ETH, Abyssinia			donor:	Gentry	Author:	
Wt	6331	W1	0 Ra	75053	E	CO	K
Name:	Population - 24 (22776)	yob/yinc:	73 / 74	Other info:			
Origin:	ETH, Abyssinia			donor:	Gentry	Author:	
Wt	6332	W1	0 Ra	77143/00	E	CO	K
Name:	Population - 25 (22770)	yob/yinc:	73 / 74	Other info:			
Origin:	ETH, Abyssinia			donor:	Gentry	Author:	
Wt	6333	W1	0 Ra	75270	E	CO	K
Name:	Population - 26 (22782)	yob/yinc:	73 / 74	Other info:			
Origin:	ETH, Abyssinia			donor:	Gentry	Author:	

PISUM COLLECTION WIATROWO - TAXONOMY

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SP: sativum L. s. l.
 SSP: sativum
 CONV: speciosum
 VAR: concolor

				CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	6334 Wl	0	Ra 76323/95	E	CO	K	
	Name: Population - 27 (22792)	yob/yinc:	73 / 74	Other info:			
	Origin: ETH, Abyssinia			donor: Gentry		Author:	
Wt	6335 Wl	0	Ra 75054	E	CO	K	
	Name: Population - 28 (22820)	yob/yinc:	73 / 74	Other info:			
	Origin: ETH, Abyssinia			donor: Gentry		Author:	
Wt	6336 Wl	0	Ra 75803/88	E	CO	K	
	Name: Population - 29 (22845)	yob/yinc:	73 / 74	Other info:			
	Origin: ETH, Abyssinia			donor: Gentry		Author:	
Wt	6337 Wl	0	Ra 77144/00	E	CO	K	
	Name: Population - 30 (22854)	yob/yinc:	73 / 74	Other info:			
	Origin: ETH, Abyssinia			donor: Gentry		Author:	
Wt	6338 Wl	0	Ra 75055	E	CO	K	
	Name: Population - 31 (22802)	yob/yinc:	73 / 74	Other info:			
	Origin: ETH, Abyssinia			donor: Gentry		Author:	
Wt	6339 Wl	0	Ra 77145/00	E	CO	K	
	Name: Population - 32 (22827)	yob/yinc:	73 / 74	Other info:			
	Origin:			donor: VIR		Author:	
Wt	6340 Wl	0	Ra 76324/95	E	CO	K	
	Name: Population - 33 (22904)	yob/yinc:	73 / 74	Other info:			
	Origin:			donor: VIR		Author:	
Wt	6341 Wl	0	Ra 75056	E	CO	K	
	Name: Population - 34 (6494)	yob/yinc:	73 / 74	Other info:			
	Origin:			donor: VIR		Author:	
Wt	6342 Wl	0	Ra 76002/94	E	CO	K	
	Name: Population - 35	yob/yinc:	/	Other info:			
	Origin: IND			donor: Sharma		Author:	
Wt	6343 Wl	0	Ra 76472/97	E	PO	K	
	Name: Population - 36	yob/yinc:	/	Other info:			
	Origin: AUS			donor: Aitken		Author:	
Wt	6344 Wl	0	Ra 76473/97	E	PO	K	
	Name: Population - 37	yob/yinc:	/	Other info:			
	Origin: Hindukusch			donor: Aitken		Author:	

PISUM COLLECTION WIATROWO - TAXONOMY

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SP: sativum L. s. l.
 SSP: sativum
 CONV: speciosum
 VAR: concolor

				CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	6345 W1	0 Ra	75057	E	PO	K	
Name:	Population - 38 (491)	yob/yinc:	/	Other info:			
Origin:	AUS			donor:	Aitken	Author:	
Wt	6346 W1	0 Ra	76474/97	E	PO	K	
Name:	Population - 39 (499)	yob/yinc:	/	Other info:			
Origin:	AUS			donor:	Aitken	Author:	
Wt	6347 W1	0 Ra	75271/95	E	PO	K	
Name:	Population - 40 (685)	yob/yinc:	/	Other info:			
Origin:	AUS			donor:	Aitken	Author:	
Wt	6348 W1	0 Ra	76475/97	E	CO	K	
Name:	Population - 41	yob/yinc:	/	Other info:			
Origin:	ETH, Abyssinia			donor:	Crampton	Author:	
Wt	6349 W1	0 Ra	76476/97	E	CO	K	
Name:	Population - 42	yob/yinc:	/	Other info:			
Origin:				donor:	Crampton	Author:	
Wt	6350 W1	0 Ra	77146/00	L	XD	K	FF
Name:	WTD 5001	yob/yinc:	77 / 78	Other info:			
Origin:	Kosieczynska x Skory Express			donor:	Swiecicki	Author:	Swiecicki
Wt	6351 W1	0 Ra	76477/97	L	XD	K	FF
Name:	WTD 5012	yob/yinc:	77 / 78	Other info:			
Origin:	Kosieczynska x Skory Express			donor:	Swiecicki	Author:	Swiecicki
Wt	6352 W1	0 Ra	76478/97	L	XD	K	
Name:	R 6	yob/yinc:	79 / 80	Other info:			
Origin:	DDR, Granskewitz			donor:	Melzer	Author:	
Wt	6353 W1	Ra	76479/97	V	XD	K	
Name:	Weibulls 047	yob/yinc:	83 / 85	Other info:			
Origin:				donor:	IHAR	Author:	

PISUM COLLECTION WIATROWO - TAXONOMY

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SP: sativum L. s. l.
 SSP: sativum
 CONV: speciosum
 VAR: fusco-umbilicatum

				CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	6401 W1	0	Ra 75804/88	E	CO	K	
Name:	Population - 1	yob/yinc:	73 / 74	Other info:			
Origin:	ETH, Abyssinia			donor:	Addis Abeb	Author:	
Wt	6402 W1	0	Ra 76071/94	V	CV	K	
Name:	Poneka	yob/yinc:	73 / 74	Other info:			
Origin:	DDR, Neugatersleben			donor:	Berger	Author:	
Wt	6403 W1	0	Ra 76480/97	E	PO	K	
Name:	Population - 2	yob/yinc:	/	Other info:			
Origin:	AUS			donor:	Aitken	Author:	
Wt	6404 W1	0	Ra 76003/94	E	PO	K	
Name:	Population - 3	yob/yinc:	74 / 75	Other info:			
Origin:	ARG			donor:		Author:	
Wt	6406 W1	0	Ra 76616/98	L	XD	K	
Name:	WTD 3012	yob/yinc:	/	Other info:			
Origin:	POL, Wiatrowo			donor:	Swiecicki	Author:	Swiecicki
Wt	6407 W1	1903	Ra 75272/95	E	CO	K	
Name:		yob/yinc:	81 / 81	Other info:			
Origin:	ETH			donor:	Blixt	Author:	

PISUM COLLECTION WIATROWO - TAXONOMY

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SP: sativum L. s. l.
 SSP: sativum
 CONV: speciosum
 VAR: grandigriseum

				CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	6501 W1	0	Ra 76481/97	E	CO	K	
Name:	Population - 1	yob/yinc:	/	Other info:			
Origin:	ETH, Abyssinia			donor:	Lehmann	Author:	
Wt	6502 W1	0	Ra 76482/97	V	CV	K	
Name:	Spartanec	yob/yinc:	74 / 75	Other info:			
Origin:	SUN			donor:	Ruzyne	Author:	
Wt	6503 W1	0	Ra 76328/95	L	XD	K	
Name:	Norda	yob/yinc:	74 / 75	Other info:			
Origin:	FRA			donor:		Author:	
Wt	6504 W1	1907	Ra 76617/98	E	CO	K	
Name:		yob/yinc:	81 / 81	Other info:			
Origin:	ETH			donor:	Blixt	Author:	
Wt	6505 W1		Ra 76483/97	E	PO	K	
Name:	SZM-85	yob/yinc:	91 / 92	Other info:			
Origin:	SUN, Vologodskaja			donor:	VIR 7821	Author:	

PISUM COLLECTION WIATROWO - TAXONOMY

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SP: sativum L. s. l.
 SSP: sativum
 CONV: speciosum
 VAR: griseo-coloratum

					CLASS IFICATION	TYPE	MAINTE NANCE	TYPE OF USAGE
Wt	6601	W1	0	Ra	75058	E	CO	K
Name:	Population - 1	yob/yinc:	/	Other info:				
Origin:	ETH, Abyssinia	donor:	Lehmann	Author:				
Wt	6602	W1	1791	Ra	75883/89	L	LR	K
Name:	Gris d'Hiver	yob/yinc:	/	Other info:				(h)
Origin:	FRA	donor:	Cousin	Author:				
Wt	6603	W1	0	Ra	75273/95	E	CO	K
Name:	Population - 2	yob/yinc:	73 / 74	Other info:				
Origin:	SUN	donor:	Oslo	Author:				
Wt	6604	W1	0	Ra	77147/00	V	CV	K
Name:	Stupicky Jarni	yob/yinc:	73 / 74	Other info:				
Origin:	CSK	donor:	Ruzyne	Author:				
Wt	6605	W1	0	Ra	76618/98	L	PO	K
Name:	WZ-25	yob/yinc:	73 / 74	Other info:				
Origin:	AUS	donor:	Aitken	Author:				
Wt	6606	W1	0	Ra	77148/00	E	CO	K
Name:	Population - 3 (22771)	yob/yinc:	73 / 74	Other info:				
Origin:	ETH, Abyssinia	donor:	Gentry	Author:				
Wt	6607	W1	0	Ra	76043/94	E	CO	K
Name:	Population - 4 (22785)	yob/yinc:	73 / 74	Other info:				
Origin:	ETH, Abyssinia	donor:	Gentry	Author:				
Wt	6608	W1	2500	Ra	75274/95	V	CV	K
Name:	Graue Pariser Schwert	yob/yinc:	/	Other info:				
Origin:	Erfurt	donor:	Melzer	Author:				
Wt	6609	W1	0	Ra	77149/00	V	CV	K
Name:	Mugla	yob/yinc:	/ 72	Other info:				
Origin:	TUR	donor:	Izmir	Author:				
Wt	6610	W1	0	Ra	76484/97	E	PO	K
Name:	Population - 5	yob/yinc:	/	Other info:				
Origin:	IND	donor:	Sharma	Author:				
Wt	6611	W1	0	Ra	76485/97	V	CV	K
Name:	Borgkamp	yob/yinc:	/	Other info:				
Origin:		donor:	Ruzyne	Author:				

PISUM COLLECTION WIATROWO - TAXONOMY

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SP: sativum L. s. l.
 SSP: sativum
 CONV: speciosum
 VAR: griseo-coloratum

					CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	6612	Wl	0	Ra	77285/01	E	PO	K
Name:	Population - 6	yob/yinc:	/	Other info:				
Origin:	NLD	donor:	Marx	Author:				
Wt	6613	Wl	0	Ra	75132/95	L	XD	K
Name:	Line 137/1/72	yob/yinc:	74 / 75	Other info:				
Origin:	Angulare x Sval.Notaart	donor:	Swiecicki	Author:	Swiecicki			Swiecicki
Wt	6614	Wl	0	Ra	75616/95	L	XD	K
Name:	Line 137/2/72	yob/yinc:	74 / 75	Other info:				
Origin:	Angulare x Sval.Notaart	donor:	Swiecicki	Author:	Swiecicki			Swiecicki
Wt	6615	Wl	2254	Ra	76486/97	V	CV	K
Name:	Felicitas	yob/yinc:	74 / 75	Other info:				
Origin:		donor:	Tapioszele	Author:				
Wt	6616	Wl	1552	Ra	77150/00	E	CO	K
Name:	031	yob/yinc:	81 / 81	Other info:				
Origin:	ETH	donor:	Blixt	Author:				
Wt	6617	Wl	1821	Ra	77151/00	L	CO	K
Name:		yob/yinc:	81 / 81	Other info:				
Origin:	GRC	donor:	Blixt	Author:				

PISUM COLLECTION WIATROWO - TAXONOMY

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SP: sativum L. s. l.
 SSP: sativum
 CONV: speciosum
 VAR: hibernicum

					CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	7001	W1	0	Ra	76489/97	E	PO	K
Name:	Population - 1	yob/yinc:	/	Other info:				(h)
Origin:	ALB	donor:	Lehmann	Author:				
Wt	7002	W1	0	Ra	75695	E	PO	K
Name:	Population - 2	yob/yinc:	73 / 74	Other info:				
Origin:		donor:	Beltsville	Author:				
Wt	7003	W1	0	Ra	76490/97	E	PO	K
Name:	Population - 3	yob/yinc:	/	Other info:				(h)
Origin:	GRC	donor:	Lehmann	Author:				
Wt	7004	W1	0	Ra	75275/95	V	CV	K
Name:	Triver	yob/yinc:	/	Other info:				
Origin:	FRA	donor:	Cousin	Author:				
Wt	7005	W1	0	Ra	76491/97	E	PO	K
Name:	Population - 4	yob/yinc:	73 / 74	Other info:				
Origin:	CHN	donor:	VIR	Author:				
Wt	7006	W1	0	Ra	75807/88	E	PO	K
Name:	Population - 5	yob/yinc:	/	Other info:				
Origin:	CHN	donor:	VIR	Author:				
Wt	7007	W1	0	Ra	75276/95	V	PO	K
Name:	Uzbekskij	yob/yinc:	/	Other info:				
Origin:	SUN	donor:	VIR	Author:				
Wt	7008	W1	0	Ra	75902/95	E	PO	K
Name:	Austrian Winter	yob/yinc:	/	Other info:				(h)
Origin:	AUS	donor:	Aitken	Author:				
Wt	7009	W1	0	Ra	75696	V	CV	K
Name:	Reichesberger	yob/yinc:	74 / 75	Other info:				
Origin:	Germany	donor:		Author:				
Wt	7010	W1	0	Ra	75697	E	PO	K
Name:	Population - 6	yob/yinc:	/	Other info:				
Origin:	Dagestan	donor:	Crampton	Author:				
Wt	7011	W1	0	Ra	76492/97	E	PO	K
Name:	Population - 7	yob/yinc:	/	Other info:				
Origin:		donor:	Crampton	Author:				

PISUM COLLECTION WIATROWO - TAXONOMY

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SP: sativum L. s. l.
 SSP: sativum
 CONV: speciosum
 VAR: hibernicum

				CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	7012 W1	0	Ra 76004/94	V	CV	K	
Name:	Artona	yob/yinc:	79 / 80	Other info:			
Origin:	BGL, Fundulea			donor: IHAR		Author:	
Wt	7013 W1	1602	Ra 76337/95	E	CO	K	
Name:	05	yob/yinc:	81 / 81	Other info:			
Origin:	Balkan			donor: Blixt		Author:	
Wt	7014 W1	1913	Ra 75903/95	E	CO	K	
Name:	PIS 405	yob/yinc:	81 / 81	Other info:			
Origin:	ALB			donor: Blixt		Author:	
Wt	7015 W1	0	Ra 76619/98	V	CV	K	
Name:	Melrose	yob/yinc:	82 / 85	Other info:			
Origin:	Perfection * Austrian Winter			donor: Crock, USA		Author:	
Wt	7016 W1	0	Ra 76493/97	V	CV	K	
Name:	Glacier	yob/yinc:	82 / 85	Other info:			
Origin:	JD 89-1 * JD 36			donor: Crock, USA		Author:	
Wt	7017 W1	0	Ra 76339/95	V	CV	K	
Name:	Muenchener Tiroler Wintererbse	yob/yinc:	83 / 85	Other info:			
Origin:				donor: IHAR		Author:	
Wt	7018 W1	0	Ra 76340/95	V	CV	K	
Name:	Kortowska	yob/yinc:	83 / 85	Other info:			
Origin:				donor: IHAR		Author:	
Wt	7019 W1		Ra 76494/97	E	PO	K	
Name:	Odesskij-58	yob/yinc:	91 / 92	Other info:			
Origin:	SUN, Odessa Region			donor: VIR 8035		Author:	
Wt	7020 W1	0	Ra 77627/08	E	PO	K	
Name:	Population-7(680)	yob/yinc:	/	Other info:			
Origin:				donor: Aitken		Author:	

PISUM COLLECTION WIATROWO - TAXONOMY

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SP: sativum L. s. l.
 SSP: sativum
 CONV: speciosum
 VAR: hiemale

					CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	6801 W1	1917	Ra	77152/00	E	CO	K	
Name:	yob/yinc:		81 / 81	Other info:				
Origin:	ALB			donor:	Blixt	Author:		
Wt	6802 W1	0	Ra	76487/97	E	PO	K	
Name:	Population - 1	yob/yinc:	/	Other info:				(h)
Origin:	GRC			donor:	Lehmann	Author:		
Wt	6803 W1	0	Ra	76488/97	E	CO	K	
Name:	Population - 2	yob/yinc:	73 / 74	Other info:				
Origin:	ETH, Abyssinia			donor:	VIR	Author:		
Wt	6804 W1	0	Ra	77153/00	E	CO	K	
Name:	Population - 3	yob/yinc:	73 / 74	Other info:				
Origin:	ETH, Abyssinia			donor:	VIR	Author:		
Wt	6805 W1	0	Ra	77154/00	E	CO	K	
Name:	Population - 4	yob/yinc:	73 / 74	Other info:				
Origin:	ETH, Abyssinia			donor:	VIR	Author:		
Wt	6806 W1	0	Ra	76333/95	E	CO	K	
Name:	Population - 5	yob/yinc:	/	Other info:				(h)
Origin:	ALB			donor:	Lehmann	Author:		
Wt	6807 W1	1605	Ra	75805/88	E	CO	K	
Name:	012	yob/yinc:	81 / 81	Other info:				
Origin:	ALB			donor:	Blixt	Author:		
Wt	6808 W1		Ra	77535/08	L	CO	K	
Name:	PIS 2115	yob/yinc:	97 / 97	Other info:				
Origin:	GEO			donor:	DEU, Gat.	Author:		

PISUM COLLECTION WIATROWO - TAXONOMY

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SP: sativum L. s. l.
 SSP: sativum
 CONV: speciosum
 VAR: jomardi

					CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	6951	W1	0 Ra	75694	E	PO	K	
Name:	Population - 1	yob/yinc:	/		Other info:			
Origin:	NZL				donor: Snoad		Author:	
Wt	6952	W1	0 Ra	75806/88	E	PO	K	
Name:	Population - 2	yob/yinc:	/		Other info:			
Origin:	NZL				donor: Snoad		Author:	
Wt	6953	W1	0 Ra	75901/89	L	PO	K	
Name:	LR-Egypt	yob/yinc:	83 / 85		Other info:			cotyled. green
Origin:					donor: IHAR		Author:	

PISUM COLLECTION WIATROWO - TAXONOMY

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SP: sativum L. s. l.
 SSP: sativum
 CONV: speciosum
 VAR: melanocarpum

				CLASSIFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	7301	W1	0 Ra	77628/08 E	CO	K	
Name:	Population - 1	yob/yinc:	/	Other info:			
Origin:	Hindukusch			donor:	VIR	Author:	
Wt	7302	W1	0 Ra	75277/95 E	PO	K	
Name:	Population - 2	yob/yinc:	/	Other info:			
Origin:	Germany			donor:	VIR	Author:	
Wt	7303	W1	0 Ra	76495/97 E	PO	K	
Name:	Population - 3	yob/yinc:	73 / 74	Other info:			
Origin:				donor:	VIR	Author:	
Wt	7304	W1	1957 Ra	75630 E	CO	K	
Name:		yob/yinc:	/	Other info:			
Origin:				donor:	Blixt	Author:	

PISUM COLLECTION WIATROWO - TAXONOMY

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SP: sativum L. s. l.
SSP: sativum
CONV: speciosum
VAR: minuto-semineum

					CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	7401	W1	2247	Ra	75904/95	V	CV	K
Name:	Dorina	yob/yinc:	/	Other info:				
Origin:	DDR			donor:	Ruzyne	Author:		

PISUM COLLECTION WIATROWO - TAXONOMY

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SP: sativum L. s. l.
 SSP: sativum
 CONV: speciosum
 VAR: nanoquadratum

				CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	7601 W1	0	Ra 76499/97	V	CV	K	
Name:	Eroica	yob/yinc:	/	Other info:			
Origin:	CSK			donor:	Ruzyne	Author:	
Wt	7602 W1	0	Ra 76500/97	E	CO	K	
Name:	Population - 1	yob/yinc:	73 / 74	Other info:			
Origin:	ETH, Abyssinia			donor:	VIR	Author:	
Wt	7603 W1	0	Ra 75905/89	V	CV	K	
Name:	Ivora	yob/yinc:	/ 72	Other info:			
Origin:	NLD			donor:	Ruzyne	Author:	
Wt	7604 W1	0	Ra 75133/82	E	PO	K	
Name:	Population - 2	yob/yinc:	/	Other info:			
Origin:	NLD			donor:	Marx	Author:	
Wt	7605 W1	0	Ra 76501/97	V	CV	K	
Name:	Koroza	yob/yinc:	74 / 75	Other info:			
Origin:	BGL			donor:	Sofia,IGPB	Author:	
Wt	7606 W1	1640	Ra 76350/95	E	CO	K	
Name:	07	yob/yinc:	81 / 81	Other info:			
Origin:	Kreta			donor:	Blixt	Author:	
Wt	7607 W1	0	Ra 76351/95	V	CV	K	
Name:	Brillant	yob/yinc:	83 / 85	Other info:			
Origin:				donor:	IHAR	Author:	
Wt	7608 W1		Ra 75906/94	V	CV	K	
Name:	Grapis	yob/yinc:	89 / 90	Other info:			+Ra76021
Origin:	DDR			donor:	Melzer	Author:	
Wt	7609 W1		Ra 76168/96	V	CV	K	
Name:	NEG KRUPP PELUSCHKE	yob/yinc:	95 / 96	Other info:			
Origin:				donor:		Author:	

PISUM COLLECTION WIATROWO - TAXONOMY

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SP: sativum L. s. l.
 SSP: sativum
 CONV: speciosum
 VAR: navale

					CLASS IFICATION	TYPE	MAINTE NANCE	TYPE OF USAGE
Wt	7501 W1	2231	Ra	76496/97	V	CV	K	
Name:	Bello	yob/yinc:	/ 69	Other info:				
Origin:	SWE			donor:	Blixt	Author:		
Wt	7502 W1	0	Ra	77155/00	E	PO	K	
Name:	Coimbra	yob/yinc:	/ 70	Other info:				
Origin:	PRT			donor:	Coimbra	Author:		
Wt	7503 W1	0	Ra	77286/01	E	PO	K	
Name:	Population - 1	yob/yinc:	/	Other info:				
Origin:	GRC			donor:	Lehmann	Author:		
Wt	7504 W1	1957	Ra	76005/94	V	CV	K	
Name:	Perdro	yob/yinc:	/ 70	Other info:				
Origin:	FRA			donor:	Lehmann	Author:		
Wt	7505 W1	1926	Ra	77629/08	E	CO	K	
Name:		yob/yinc:	81 / 81	Other info:				
Origin:	GRC			donor:	Blixt	Author:		
Wt	7506 W1	0	Ra	76620/98	L	PO	K	
Name:	K-129	yob/yinc:	/ 69	Other info:				
Origin:	GRC			donor:	Larissa	Author:		
Wt	7507 W1	0	Ra	76621/98	L	PO	K	
Name:	Pleven-2	yob/yinc:	/	Other info:				
Origin:	BGL			donor:	Sofia,IGPB	Author:		
Wt	7509 W1	0	Ra	75808/88	E	CO	K	
Name:	Population - 2	yob/yinc:	73 / 74	Other info:				
Origin:	ETH, Abyssinia			donor:	Gentry	Author:		
Wt	7510 W1	0	Ra	75698	V	CV	K	
Name:	Marathor	yob/yinc:	73 / 74	Other info:				
Origin:				donor:	Ruzyne	Author:		
Wt	7511 W1	0	Ra	75699	E	PO	K	
Name:	Population - 3	yob/yinc:	73 / 74	Other info:				
Origin:	IND			donor:	Sharma	Author:		
Wt	7512 W1	1890	Ra	77156/00	L	CO	K	
Name:	Uzbekskij 71	yob/yinc:	/	Other info:				
Origin:	SUN			donor:	Ruzyne	Author:		

PISUM COLLECTION WIATROWO - TAXONOMY

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SP: sativum L. s. l.
 SSP: sativum
 CONV: speciosum
 VAR: navale

					CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	7513 W1	2602	Ra	76497/97	V	CV	K	
Name:	Benton	yob/yinc:	/	Other info:				
Origin:	Germany, Rastatt	donor:		Lehmann	Author:			
Wt	7514 W1	0	Ra	76343/95	L	XD	K	
Name:	WTD 01373	yob/yinc:	/	Other info:				
Origin:	POL, Poneka x St.38/10	donor:		Swiecicki	Author:			
Wt	7515 W1	0	Ra	75080	L	XD	K	FFFS
Name:	Helia(WTD 2814)	yob/yinc:	/	Other info:				
Origin:	Poneka x Dorina	donor:		Swiecicki	Author:	Swiecicki		
Wt	7516 W1	0	Ra	76344/95	V	CV	K	
Name:	IP-5	yob/yinc:	83 / 85	Other info:				
Origin:		donor:		IHAR	Author:			
Wt	7517 W1	0	Ra	76345/95	V	CV	K	
Name:	Julich	yob/yinc:	83 / 85	Other info:				
Origin:		donor:		IHAR	Author:			
Wt	7518 W1	0	Ra	77157/00	L	PO	K	
Name:	60 M-10	yob/yinc:	83 / 85	Other info:				
Origin:		donor:		IHAR	Author:			
Wt	7519 W1	0	Ra	76622/98	L	PO	K	
Name:	Pudukat	yob/yinc:	83 / 85	Other info:				
Origin:		donor:		IHAR	Author:			
Wt	7520 W1	0	Ra	76346/95	V	PO	K	
Name:	Recka	yob/yinc:	83 / 85	Other info:				
Origin:		donor:		IHAR	Author:			
Wt	7521 W1	0	Ra	76347/95	L	PO	K	
Name:	Stendskij	yob/yinc:	83 / 85	Other info:				
Origin:		donor:		IHAR	Author:			
Wt	7522 W1	0	Ra	76623/98	L	PO	K	
Name:	LR-Pskowskaja Oblast	yob/yinc:	83 / 85	Other info:				
Origin:		donor:		IHAR	Author:			
Wt	7523 W1	0	Ra	76348/95	L	PO	K	
Name:	Puskinskij	yob/yinc:	83 / 85	Other info:				
Origin:		donor:		IHAR	Author:			

PISUM COLLECTION WIATROWO - TAXONOMY

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SP: sativum L. s. l.
 SSP: sativum
 CONV: speciosum
 VAR: navale

					CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	7524 Wl	0 Ra	77630/08	L		PO	K	
Name:	Moravski Krajowy	yob/yinc:	83 / 85	Other info:				
Origin:				donor:	IHAR	Author:		
Wt	7525 Wl	0 Ra	76126/96	V		CV	K	
Name:	Unrra	yob/yinc:	83 / 85	Other info:				
Origin:				donor:	IHAR	Author:		
Wt	7526 Wl	0 Ra	76127/96	V		CV	K	
Name:	Burszak	yob/yinc:	83 / 85	Other info:				
Origin:				donor:	IHAR	Author:		
Wt	7527 Wl	0 Ra	76128/96	V		CV	K	
Name:	Frivert	yob/yinc:	83 / 85	Other info:				
Origin:				donor:	IHAR	Author:		
Wt	7528 Wl	0 Ra	77631/08	E		PO	K	
Name:	Pop. Botlich	yob/yinc:	80 / 83	Other info:				
Origin:				donor:	IHAR	Author:		
Wt	7529 Wl	0 Ra	76624/98	L		PO	K	
Name:	No 2173	yob/yinc:	82 / 85	Other info:				
Origin:	CHN, Pekin			donor:	CHAAS	Author:		
Wt	7530 Wl	0 Ra	76129/96	L		XD	K	
Name:	R 23/2	yob/yinc:	80 / 85	Other info:				
Origin:	POL, Wiatrowo			donor:	Owsianny	Author:	J.Jankowski	
Wt	7531 Wl	Ra	75115	L		PO	K	
Name:	AL 91/70	yob/yinc:	82 / 93	Other info:				
Origin:				donor:	IHAR	Author:		
Wt	7533 Wl	Ra	76023/94	V		CV	K	
Name:	Vatra	yob/yinc:	93 / 93	Other info:				
Origin:	POL, Wiatrowo			donor:	Owsianny	Author:		
Wt	7534 Wl	Ra	77287/01	V		CV	K	
Name:	Lisa	yob/yinc:	95 / 95	Other info:				
Origin:				donor:	POL, IHAR	Author:		
Wt	7535 Wl	Ra	76349/95	V		CV	K	
Name:	Picar	yob/yinc:	95 / 95	Other info:				
Origin:				donor:	POL, IHAR	Author:		

PISUM COLLECTION WIATROWO - TAXONOMY

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SP: sativum L. s. l.
 SSP: sativum
 CONV: speciosum
 VAR: navale

				CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	7536 W1	Ra	77618/08	V	CV	K	
Name:	Eureka	yob/yinc:	03 / 04	Other info:			
Origin:	Grapis *(Pegro*LUFK)			donor:	Swiecicki	Author:	Swiecicki
Wt	7537 W1	Ra	77804/09	V	CV	K	
Name:	Hubal	yob/yinc:	08 / 09	Other info:			
Origin:	POL			donor:	SZD	Author:	

PISUM COLLECTION WIATROWO - TAXONOMY

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SP: sativum L. s. l.
 SSP: sativum
 CONV: speciosum
 VAR: nigro-umbilicatum

				CLASS IFICATION	TYPE	MAINTE NANCE	TYPE OF USAGE
Wt	7701 W1	0 Ra	75700	L	PO	K	
Name:	Dr. Kreuz	yob/yinc:	/ 69	Other info:			(h)
Origin:	Germany			donor:	Lehmann	Author:	
Wt	7702 W1	0 Ra	76502/97	E	PO	K	
Name:	Population - 1	yob/yinc:	/	Other info:			
Origin:	GRC			donor:	Lehmann	Author:	
Wt	7703 W1	0 Ra	76625/98	E	CV	K	
Name:	Population - 2	yob/yinc:	/	Other info:			
Origin:	Hindukusch			donor:	Lehmann	Author:	
Wt	7704 W1	0 Ra	76503/97	V	CV	K	
Name:	Desi	yob/yinc:	/	Other info:			
Origin:	IND			donor:	Sharma	Author:	
Wt	7705 W1	0 Ra	76352/95	V	CV	K	
Name:	Milas Mugla	yob/yinc:	/	Other info:			
Origin:	TUR			donor:	Izmir	Author:	
Wt	7706 W1	0 Ra	76044/94	E	CO	K	
Name:	Population - 3 (6840)	yob/yinc:	/	Other info:			
Origin:	ETH, Abyssinia			donor:	VIR	Author:	
Wt	7707 W1	0 Ra	77158/00	E	CO	K	
Name:	Population - 4	yob/yinc:	73 / 74	Other info:			
Origin:	Hindukusch			donor:	Lehmann	Author:	
Wt	7708 W1	0 Ra	75141/82	E	CO	K	
Name:	Population - 5 (22774)	yob/yinc:	73 / 74	Other info:			
Origin:	ETH, Abyssinia			donor:	Gentry	Author:	
Wt	7709 W1	0 Ra	75059/95	V	CV	K	FF
Name:	Fioletowa	yob/yinc:	/ 72	Other info:			
Origin:	Pop. * Vict.Folger *			donor:	IHAR	Author:	
Wt	7710 W1	0 Ra	75098/95	V	CV	K	
Name:	Kosieczynska (Enka)	yob/yinc:	/	Other info:			
Origin:	(P.sat.* P.arv.)* P.quadratum			donor:	Kosieczyn	Author:	
Wt	7711 W1	0 Ra	76006/94	V	CV	K	
Name:	Magistra	yob/yinc:	79 / 80	Other info:			
Origin:	BGL, Fundulea			donor:	IHAR	Author:	

PISUM COLLECTION WIATROWO - TAXONOMY

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SP: sativum L. s. l.
 SSP: sativum
 CONV: speciosum
 VAR: nigro-umbilicatum

				CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	7712 W1	0	Ra 75097	V	CV	K	FF
Name:	Mazurska	yob/yinc:	/ 71	Other info:			
Origin:	(Pop.antocj.* Weibull)*Mut.361			donor:	Czapiewska	Author:	
Wt	7713 W1	0	Ra 75278/95	V	CV	K	
Name:	Norsup	yob/yinc:	/	Other info:			
Origin:	FRA			donor:	Sofia,IGPB	Author:	
Wt	7714 W1	0	Ra 76504/97	E	CO	K	
Name:	Population - 7	yob/yinc:	/	Other info:			
Origin:	ETH, Abyssinia			donor:	Crampton	Author:	
Wt	7715 W1	1928	Ra 77159/00	E	CO	K	
Name:		yob/yinc:	81 / 81	Other info:			
Origin:	GRC			donor:	Blixt	Author:	
Wt	7716 W1	0	Ra 75092/95	V	CV	K	
Name:	Pomorska	yob/yinc:	81 / 85	Other info:			
Origin:	Pop.294Litwa* P.197			donor:	COBORU	Author:	Mikolajczyk, IHAR

PISUM COLLECTION WIATROWO - TAXONOMY

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SP: sativum L. s. l.
 SSP: sativum
 CONV: speciosum
 VAR: nigro-violaceum

					CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	7801	W1	0 Ra	75701	E	PO	K	
Name:	Population - 1	yob/yinc:	/	Other info:				
Origin:		donor:		Beltsville		Author:		
Wt	7802	W1	0 Ra	76505/97	E	PO	K	
Name:	Vilmorin VI	yob/yinc:	/	Other info:				
Origin:	FRA	donor:		Cousin		Author:		
Wt	7803	W1	0 Ra	76506/97	E	PO	K	
Name:	Population - 2	yob/yinc:	73 / 74	Other info:				
Origin:	MAR	donor:		Casablanca		Author:		
Wt	7804	W1	0 Ra	75702	E	PO	K	
Name:	Population - 3	yob/yinc:	73 / 74	Other info:				
Origin:	Germany	donor:		Marx		Author:		
Wt	7805	W1	2003 Ra	77160/00	L	SE	K	
Name:	Pisum Vilmorin V1	yob/yinc:	73 / 74	Other info:				
Origin:	FRA	donor:		Lehmann		Author:		

PISUM COLLECTION WIATROWO - TAXONOMY

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SP: sativum L. s. l.
 SSP: sativum
 CONV: speciosum
 VAR: praecox

					CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	7901	W1	0	Ra	76070/94	V	CV	K
Name:	Timo	yob/yinc:	/	Other info:				
Origin:	SWE			donor:	Bingefors	Author:		
Wt	7902	W1	1932	Ra	76507/97	E	CO	K
Name:		yob/yinc:	81 / 81	Other info:				
Origin:	Hindukusch			donor:	Blixt	Author:		

PISUM COLLECTION WIATROWO - TAXONOMY

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SP: sativum L. s. l.
 SSP: sativum
 CONV: speciosum
 VAR: pseudorozeum

					CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	8001	W1	0	Ra	76358/95	E	CO	K
Name:	Population - 1	yob/yinc:	/	Other info:				
Origin:	CHN	donor:	Lehmann	Author:				
Wt	8002	W1	0	Ra	76359/95	V	CV	K
Name:	Dragamowa	yob/yinc:	/	Other info:				
Origin:		donor:	Ruzyne	Author:				
Wt	8003	W1	0	Ra	75060	E	PO	K
Name:	Population - 2	yob/yinc:	/	Other info:				
Origin:	MAR	donor:	Casablanca	Author:				
Wt	8004	W1	2105	Ra	75061	V	CV	K
Name:	Vesna	yob/yinc:	73 / 74	Other info:				
Origin:		donor:	Ruzyne	Author:				
Wt	8005	W1	0	Ra	76007/94	V	CV	K
Name:	Magnificent	yob/yinc:	73 / 74	Other info:				
Origin:		donor:	Sofia,IGPB	Author:				
Wt	8006	W1	0	Ra	75617	E	CO	K
Name:	Population - 3	yob/yinc:	/	Other info:				
Origin:	ETH, Abyssinia	donor:	Aitken	Author:				
Wt	8007	W1	0	Ra	76360/95	V	CV	K
Name:	Rosacrone	yob/yinc:	/ 72	Other info:				FF
Origin:	DEU	donor:	Seidewitz	Author:				
Wt	8008	W1	1934	Ra	76130/96	E	CO	K
Name:		yob/yinc:	81 / 81	Other info:				
Origin:	CHN	donor:	Blixt	Author:				
Wt	8009	W1	0	Ra	77632/08	L	CO	K
Name:	BG-1449-11	yob/yinc:	84 / 85	Other info:				
Origin:	ESP	donor:	Jambrina	Author:				

PISUM COLLECTION WIATROWO - TAXONOMY

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SP: sativum L. s. l.
SSP: sativum
CONV: speciosum
VAR: punctatum

					CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	8101 W1	1958	Ra	77161/00	E	CO	K	
Name:	yob/yinc:	81 / 81	Other info:					
Origin:			donor:	Blixt		Author:		

PISUM COLLECTION WIATROWO - TAXONOMY

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SP: sativum L. s. l.
 SSP: sativum
 CONV: speciosum
 VAR: roseum

					CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	8201	W1	0	Ra	76508/97	V	CV	K
Name:	Engeln	yob/yinc:	/	Other info:				
Origin:	DEU	donor:		Author:	Seidewitz			
Wt	8202	W1	0	Ra	76509/97	V	CV	K
Name:	Strengs Weihenstephan	yob/yinc:	/	Other info:				
Origin:	DEU	donor:		Author:	Seidewitz			
Wt	8203	W1	0	Ra	77633/08	L	XD	K
Name:	WTD 3007	yob/yinc:	80 / 85	Other info:				
Origin:	Finale x WTD 3002	donor:		Author:	Swiecicki			Swiecicki
Wt	8204	W1	0	Ra	75579	L	CO	K
Name:	BG-1462-5	yob/yinc:	84 / 85	Other info:				
Origin:	ESP	donor:		Author:	Jambrina			
Wt	8205	W1	0	Ra	75580	L	CO	K
Name:	BG-1662-7	yob/yinc:	84 / 85	Other info:				
Origin:	ESP	donor:		Author:	Jambrina			
Wt	8206	W1	0	Ra	76131/96	L	CO	K
Name:	BG-1634-9	yob/yinc:	84 / 85	Other info:				
Origin:	ESP	donor:		Author:	Jambrina			
Wt	8207	W1	0	Ra	77634/08	L	XD	K
Name:	WTD	yob/yinc:	80 / 85	Other info:				
Origin:	Lamp. x R 3007	donor:		Author:	Owsianny			Swiecicki

PISUM COLLECTION WIATROWO - TAXONOMY

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SP: sativum L. s. l.
 SSP: sativum
 CONV: speciosum
 VAR: sanguivitta

					CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	8301	W1	0	Ra	77162/00	E	CO	K
Name:	Population - 1	yob/yinc:	/	Other info:				
Origin:	ETH, Abyssinia	donor:	Aitken	Author:				
Wt	8302	W1	0	Ra	75809/88	L	XD	K
Name:	Koskor x Local India	yob/yinc:	74 / 75	Other info:				
Origin:	136/74	donor:	Swiecicki	Author:	Swiecicki			
Wt	8303	W1	0	Ra	75810/95	L	XD	K
Name:	Kosieczynska x Skory Express	yob/yinc:	74 / 75	Other info:				
Origin:	349/74/1	donor:	Swiecicki	Author:	Swiecicki			
Wt	8305	W1	0	Ra	76510/97	L	XD	K
Name:	Kosieczynska x Skory Express	yob/yinc:	74 / 75	Other info:				
Origin:	350/74/4	donor:	Swiecicki	Author:	Swiecicki			
Wt	8306	W1	1935	Ra	75279	E	CO	K
Name:		yob/yinc:	81 / 81	Other info:				
Origin:	CHN	donor:	Blixt	Author:				

PISUM COLLECTION WIATROWO - TAXONOMY

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SP: sativum L. s. l.
SSP: sativum
CONV: speciosum
VAR: sanguivittopsis

					CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	8401 W1	1937	Ra	75134/82	E	CO	K	
Name:		yob/yinc:	81 / 81	Other info:				
Origin:	Hindukusch			donor:	Blixt	Author:		

PISUM COLLECTION WIATROWO - TAXONOMY

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SP: sativum L. s. l.
 SSP: sativum
 CONV: speciosum
 VAR: smyrnense

				CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	8501 W1	0 Ra	77635/08	E	PO	K	
Name:	Population - 1	yob/yinc:	73 / 74	Other info:			
Origin:	Wisconsin			donor:	Marx	Author:	
Wt	8502 W1	0 Ra	75703	E	PO	K	
Name:	Azuki-Endo(000014)	yob/yinc:	73 / 74	Other info:			
Origin:	JPN			donor:	Hiratsuka	Author:	
Wt	8503 W1	0 Ra	75704	E	PO	K	
Name:	Population - 3 (492)	yob/yinc:	/	Other info:			
Origin:				donor:	Aitken	Author:	

PISUM COLLECTION WIATROWO - TAXONOMY

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SP: sativum L. s. l.
 SSP: sativum
 CONV: speciosum
 VAR: subgriseo-viridulum

				CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	8701 W1	0 Ra	77164/00	V	CV	K	
Name:	Pjatnickij	yob/yinc:	/	Other info:			
Origin:	SUN			donor:	Ruzyne	Author:	
Wt	8702 W1	0 Ra	76045/94	E	CO	K	
Name:	Population - 1	yob/yinc:	73 / 74	Other info:			
Origin:	ETH, Abyssinia			donor:	VIR	Author:	

PISUM COLLECTION WIATROWO - TAXONOMY

201 z 225 7 października 2013

SP: sativum L. s. l.
 SSP: sativum
 CONV: speciosum
 VAR: subharraricum

					CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	8601 W1	0	Ra	77163/00	E	CO	K	
Name:	Population - 1	yob/yinc:	/	Other info:				
Origin:	ETH, Abyssinia			donor:	Lehmann	Author:		
Wt	8602 W1	0	Ra	76626/98	E	PO	K	
Name:	Population - 2	yob/yinc:	/	Other info:				
Origin:	ETH, Abyssinia			donor:	Lehmann	Author:		
Wt	8603 W1	0	Ra	77636/08	E	PO	K	
Name:	Katsu-Endo (000007)	yob/yinc:	73 / 74	Other info:				
Origin:	JPN			donor:	Hiratsuka	Author:		
Wt	8604 W1	0	Ra	75280/95	E	CO	K	
Name:	Population - 3	yob/yinc:	73 / 74	Other info:				
Origin:	ETH, Abyssinia			donor:	Lehmann	Author:		
Wt	8605 W1	1938	Ra	75135/95	E	CO	K	
Name:		yob/yinc:	81 / 81	Other info:				
Origin:	ETH			donor:	Blixt	Author:		

PISUM COLLECTION WIATROWO - TAXONOMY

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SP: sativum L. s. l.
 SSP: sativum
 CONV: speciosum
 VAR: subrufum

					CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	8801	W1	0	Ra	75811/88	E	CO	K
Name:	Population - 1	yob/yinc:	73 / 74	Other info:				
Origin:	ETH, Abyssinia			donor:	Addis Abeb	Author:		
Wt	8802	W1	0	Ra	77637/08	E	PO	K
Name:	Population - 2	yob/yinc:	/	Other info:				
Origin:	AFG			donor:	Crampton	Author:		
Wt	8803	W1	0	Ra	76511/97	E	PO	K
Name:	Population - 3	yob/yinc:	/	Other info:				
Origin:				donor:	Crampton	Author:		
Wt	8804	W1	1959	Ra	77165/00	E	CO	K
Name:		yob/yinc:	81 / 81	Other info:				
Origin:				donor:	Blixt	Author:		

PISUM COLLECTION WIATROWO - TAXONOMY

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SP: sativum L. s. l.
 SSP: sativum
 CONV: speciosum
 VAR: subunicolor

					CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	8901 W1	0	Ra	75812/88	V	CV	K	
Name:	Alzirskij	yob/yinc:	/	Other info:				
Origin:	SUN			donor:	Ruzyne	Author:		
Wt	8902 W1	2295	Ra	75090	V	CV	K	FF
Name:	Nieznanicka	yob/yinc:	/	Other info:				
Origin:	sel.from LR, Nieznanice			donor:	Radwanski	Author:		
Wt	8903 W1	0	Ra	75618	E	CO	K	
Name:	Population - 1	yob/yinc:	73 / 74	Other info:				
Origin:	ETH, Abyssinia			donor:	VIR	Author:		
Wt	8904 W1	0	Ra	75771/88	V	CV	K	
Name:	Verne	yob/yinc:	73 / 74	Other info:				
Origin:	SWE			donor:	Bingefors	Author:		
Wt	8905 W1	0	Ra	75813/95	E	PO	K	
Name:	Population - 2	yob/yinc:	73 / 74	Other info:				
Origin:	SUN			donor:	Sofia,IGPB	Author:		
Wt	8907 W1	0	Ra	76512/97	V	CV	K	
Name:	Hohenheimer Rosabluehende	yob/yinc:	74 / 75	Other info:				
Origin:	DDR			donor:	Melzer	Author:		
Wt	8908 W1	0	Ra	76365/95	V	CV	K	
Name:	Nieznanicka Jasna	yob/yinc:	83 / 85	Other info:				
Origin:	POL			donor:	IHAR	Author:		
Wt	8909 W1	0	Ra	75087/95	V	CV	K	
Name:	Mewa (T II)	yob/yinc:	82 / 85	Other info:				
Origin:	Fioletowa*Przebedowska Oliwk.			donor:	Przebedowo	Author:	Mikolajczyk	

PISUM COLLECTION WIATROWO - TAXONOMY

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SP: sativum L. s. l.
 SSP: sativum
 CONV: speciosum
 VAR: thebaicum

					CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	9001 W1	2004	Ra	76513/97	E	CV	K	
Name:	Hero	yob/yinc:	/ 69	Other info:				
Origin:	SWE, Svalof			donor:	Lehmann	Author:		
Wt	9002 W1	0	Ra	75062	V	CV	K	
Name:	Iygeva Kirju	yob/yinc:	73 / 74	Other info:				
Origin:	AFG			donor:	Lehmann	Author:		
Wt	9003 W1	1939	Ra	75136/95	E	CO	K	
Name:		yob/yinc:	81 / 81	Other info:				
Origin:	Peloponnes			donor:	Blixt	Author:		
Wt	9004 W1	0	Ra	75815/88	E	PO	K	
Name:	Population - 1	yob/yinc:	/	Other info:				
Origin:				donor:	Aitken	Author:		
Wt	9005 W1	0	Ra	75063	E	PO	K	
Name:	Population - 2 (343984)	yob/yinc:	73 / 74	Other info:				
Origin:	Canbera			donor:	Aitken	Author:		
Wt	9006 W1	0	Ra	75064	E	PO	K	
Name:	Population - 3 (343985)	yob/yinc:	73 / 74	Other info:				
Origin:	Canbera			donor:	Aitken	Author:		
Wt	9007 W1	0	Ra	75816/88	V	CV	K	
Name:	Skorospelyj	yob/yinc:	73 / 74	Other info:				
Origin:	SUN			donor:	Sofia,IGPB	Author:		
Wt	9008 W1	0	Ra	77166/00	L	PO	K	
Name:	Vilmorin X	yob/yinc:	/	Other info:				
Origin:	FRA			donor:	Cousin	Author:		
Wt	9009 W1	0	Ra	75065	V	CV	K	
Name:	Abed Marmor	yob/yinc:	73 / 74	Other info:				
Origin:				donor:	Ruzyne	Author:		
Wt	9011 W1	0	Ra	75705	V	CV	K	
Name:	Minerva	yob/yinc:	73 / 74	Other info:				
Origin:	GBR			donor:	Ruzyne	Author:		
Wt	9012 W1	0	Ra	75817/88	E	CO	K	
Name:	Population - 4 (22874)	yob/yinc:	73 / 74	Other info:				
Origin:	ETH, Abyssinia			donor:	Beltsville	Author:		

PISUM COLLECTION WIATROWO - TAXONOMY

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SP: sativum L. s. l.
 SSP: sativum
 CONV: speciosum
 VAR: thebaicum

				CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	9013 W1	0 Ra	77167/00	E	PO	K	
Name:	Population - 5 Pskow	yob/yinc:	/	Other info:			
Origin:	SUN			donor:	Lehmann	Author:	
Wt	9014 W1	0 Ra	77288/01	E	CO	K	
Name:	Population - 6	yob/yinc:	/	Other info:			
Origin:	Thibet			donor:	Aitken	Author:	
Wt	9015 W1	0 Ra	75706	V	CV	K	
Name:	Partridge	yob/yinc:	/	Other info:			
Origin:				donor:	Aitken	Author:	
Wt	9016 W1	0 Ra	75281/95	E	PO	K	
Name:	Bielorussia	yob/yinc:	/	Other info:			
Origin:	SUN			donor:	VIR	Author:	
Wt	9017 W1	0 Ra	75818/88	E	PO	K	
Name:	Population - 7	yob/yinc:	/	Other info:			
Origin:	IND			donor:	Marx	Author:	
Wt	9018 W1	0 Ra	76514/97	E	PO	K	
Name:	Population - 8	yob/yinc:	/	Other info:			
Origin:				donor:		Author:	
Wt	9019 W1	0 Ra	75282/95	L	XD	K	
Name:	Koskor x Local India	yob/yinc:	74 / 75	Other info:			
Origin:	POL, Wiatrowo			donor:	Swiecicki	Author:	Swiecicki
Wt	9021 W1	0 Ra	75283	E	PO	K	
Name:	Population - 9	yob/yinc:	/	Other info:			
Origin:	Thibet			donor:	Crampton	Author:	
Wt	9022 W1	0 Ra	76515/97	E	PO	K	
Name:	Population - 10	yob/yinc:	/	Other info:			
Origin:				donor:	Crampton	Author:	
Wt	9023 W1	0 Ra	76516/97	L	XD	K	FF
Name:	WTD 6844	yob/yinc:	/	Other info:			
Origin:	sel.from WTD 2814			donor:	Swiecicki	Author:	Swiecicki
Wt	9024 W1	0 Ra	76370/95	V	CV	K	
Name:	Lysima	yob/yinc:	83 / 85	Other info:			
Origin:				donor:	IHAR	Author:	

PISUM COLLECTION WIATROWO - TAXONOMY

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SP: sativum L. s. l.
 SSP: sativum
 CONV: speciosum
 VAR: thebaicum

				CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	9025 W1	0	Ra 76371/95	V	CV	K	
Name:	Halorengold	yob/yinc:	83 / 85	Other info:			
Origin:				donor: IHAR		Author:	
Wt	9026 W1	0	Ra 76372/95	V	CV	K	
Name:	Falenskaja 42	yob/yinc:	83 / 85	Other info:			
Origin:				donor: IHAR		Author:	
Wt	9027 W1	0	Ra 76373/95	V	CV	K	
Name:	Nieznanicka Jasna	yob/yinc:	83 / 85	Other info:			
Origin:				donor: IHAR		Author:	
Wt	9028 W1	0	Ra 76374/95	V	CV	K	
Name:	Fregero 210	yob/yinc:	83 / 85	Other info:			
Origin:				donor: IHAR		Author:	
Wt	9029 W1	0	Ra 77289/01	V	CV	K	
Name:	Solo	yob/yinc:	83 / 85	Other info:			
Origin:				donor: IHAR		Author:	
Wt	9030 W1	0	Ra 76375/95	V	CV	K	
Name:	Balikus	yob/yinc:	83 / 85	Other info:			
Origin:				donor: IHAR		Author:	
Wt	9031 W1	0	Ra 77290/01	V	CV	K	
Name:	Svalofs Soloerbse	yob/yinc:	83 / 85	Other info:			
Origin:				donor: IHAR		Author:	
Wt	9032 W1	0	Ra 76376/95	V	CV	K	
Name:	Tjumenskij	yob/yinc:	83 / 85	Other info:			
Origin:				donor: IHAR		Author:	
Wt	9033 W1	0	Ra 76377/95	V	CV	K	
Name:	Konik Garbusek	yob/yinc:	83 / 85	Other info:			
Origin:				donor: IHAR		Author:	
Wt	9034 W1	0	Ra 76517/97	V	CV	K	
Name:	Litewska	yob/yinc:	83 / 85	Other info:			
Origin:				donor: IHAR		Author:	
Wt	9035 W1	0	Ra 76518/97	V	CV	K	
Name:	Litevsky	yob/yinc:	83 / 85	Other info:			
Origin:				donor: IHAR		Author:	

PISUM COLLECTION WIATROWO - TAXONOMY

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SP: sativum L. s. l.
 SSP: sativum
 CONV: speciosum
 VAR: thebaicum

				CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	9036 W1	0	Ra 76378/95	V	CV	K	
Name:	Maple Peas	yob/yinc:	83 / 85	Other info:			
Origin:				donor: IHAR		Author:	
Wt	9037 W1	0	Ra 76379/95	L	PO	K	
Name:	Miejscowy z Afganistanu	yob/yinc:	83 / 85	Other info:			
Origin:				donor: IHAR		Author:	
Wt	9038 W1	0	Ra 76380/95	L	PO	K	
Name:	Miejscowy z Afganistanu	yob/yinc:	/	Other info:			
Origin:				donor: IHAR		Author:	
Wt	9039 W1	0	Ra 76381/95	L	PO	K	
Name:	Miejscowy z Afganistanu	yob/yinc:	/	Other info:			
Origin:				donor: IHAR		Author:	
Wt	9040 W1	0	Ra 76382/95	L	PO	K	
Name:	Mramornyj	yob/yinc:	83 / 85	Other info:			
Origin:				donor: IHAR		Author:	
Wt	9041 W1	0	Ra 76383/95	V	PO	K	
Name:	Regina	yob/yinc:	83 / 85	Other info:			
Origin:				donor: IHAR		Author:	
Wt	9042 W1	0	Ra 76384/95	E	PO	K	
Name:	Rudukai	yob/yinc:	83 / 85	Other info:			
Origin:				donor: IHAR		Author:	
Wt	9043 W1	0	Ra 76385/95	L	PO	K	
Name:	Tasmanskij	yob/yinc:	83 / 85	Other info:			
Origin:				donor: IHAR		Author:	
Wt	9044 W1	0	Ra 76386/95	L	PO	K	
Name:	Angerner	yob/yinc:	83 / 85	Other info:			
Origin:				donor: IHAR		Author:	
Wt	9045 W1	0	Ra 76387/95	L	PO	K	
Name:	Baszkirskij	yob/yinc:	83 / 85	Other info:			
Origin:				donor: IHAR		Author:	
Wt	9046 W1	0	Ra 76078/94	V	CV	K	
Name:	Bondi	yob/yinc:	83 / 85	Other info:			
Origin:				donor: IHAR		Author:	

PISUM COLLECTION WIATROWO - TAXONOMY

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SP: sativum L. s. l.
 SSP: sativum
 CONV: speciosum
 VAR: thebaicum

				CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	9047	W1	0 Ra	76389/95	V	CV	K
Name:	Gali	yob/yinc:	83 / 85	Other info:		Author:	
Origin:				donor:	IHAR		
Wt	9048	W1	0 Ra	76390/95	L	PO	K
Name:	Grey	yob/yinc:	83 / 85	Other info:		Author:	
Origin:				donor:	IHAR		
Wt	9049	W1	0 Ra	76391/95	L	PO	K
Name:	Hero Stendskij	yob/yinc:	83 / 85	Other info:		Author:	
Origin:				donor:	IHAR		
Wt	9050	W1	0 Ra	76392/95	L	PO	K
Name:	Miejscowy Kolsz	yob/yinc:	83 / 85	Other info:		Author:	
Origin:				donor:	IHAR		
Wt	9051	W1	0 Ra	75907/89	L	PO	K
Name:	B.I. 1439	yob/yinc:	83 / 85	Other info:		Author:	
Origin:				donor:	IHAR		
Wt	9052	W1	0 Ra	76132/96	L	PO	K
Name:	No 15858	yob/yinc:	83 / 85	Other info:		Author:	
Origin:				donor:	IHAR		
Wt	9053	W1	0 Ra	75581	V	CV	K
Name:	Klatovsky Jary	yob/yinc:	83 / 85	Other info:		Author:	
Origin:				donor:	IHAR		
Wt	9054	W1	0 Ra	77638/08	V	CV	K
Name:	Gruzinskij	yob/yinc:	83 / 85	Other info:		Author:	
Origin:				donor:	IHAR		
Wt	9055	W1	0 Ra	75582	E	CO	K
Name:	Miejscowy z Ukrainy	yob/yinc:	83 / 85	Other info:		Author:	
Origin:				donor:	IHAR		
Wt	9056	W1	0 Ra	75583	E	CO	K
Name:	Miejscowy z Etiopii	yob/yinc:	83 / 85	Other info:		Author:	
Origin:				donor:	IHAR		
Wt	9057	W1	0 Ra	75584/94	V	CV	K
Name:	Cesky Banan	yob/yinc:	83 / 85	Other info:		Author:	+Ra76008
Origin:				donor:	IHAR		

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SP: sativum L. s. l.
 SSP: sativum
 CONV: speciosum
 VAR: thebaicum

				CLASSIFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	9058 W1	0 Ra	77751/04	V	CV	K	
Name:	Fregero 200	yob/yinc:	83 / 85	Other info:			
Origin:				donor: IHAR		Author:	
Wt	9059 W1	0 Ra	75585	V	CV	K	
Name:	Wymiel	yob/yinc:	80 / 85	Other info:			
Origin:	SUN			donor: IHAR		Author:	
Wt	9060 W1	0 Ra	75586	V	CV	K	
Name:	Sputnik	yob/yinc:	80 / 85	Other info:			
Origin:	SUN			donor: IHAR		Author:	
Wt	9061 W1	0 Ra	76133/96	V	CV	K	
Name:	Nike	yob/yinc:	81 / 85	Other info:			
Origin:				donor: Ruzyne		Author:	
Wt	9062 W1	0 Ra	76134/94	L	PO	K	
Name:	BG-1100-2	yob/yinc:	84 / 85	Other info:			
Origin:	ESP			donor: Jambrina		Author:	
Wt	9063 W1	0 Ra	75587	L	PO	K	
Name:	BG-1634-5	yob/yinc:	84 / 85	Other info:			
Origin:	ESP			donor: Jambrina		Author:	
Wt	9064 W1	0 Ra	75588/94	L	XD	K	
Name:	WTD	yob/yinc:	80 / 85	Other info:			+Ra76009
Origin:	711 * (Kelv.Hur.*			donor: Owskianny		Author: Swiecicki	
Wt	9065 W1	Ra	75627/95	V	CV	K	
Name:	Tyla	yob/yinc:	85 / 89	Other info:			
Origin:	CSK			donor: H.Streda		Author:	
Wt	9066 W1	Ra	75908/89	V	CV	K	
Name:	Kormoran	yob/yinc:	89 / 89	Other info:			
Origin:	Porta x (R.332 x R.11),Szyldak			donor: Wenclowicz		Author:	
Wt	9067 W1	Ra	77639/08	L	XD	K	
Name:	WTD 5035	yob/yinc:	88 / 90	Other info:			
Origin:	Koskor x WTD4006			donor: Owskianny		Author: Owskianny,Wiatrowo	
Wt	9068 W1	Ra	76519/97	E	PO	K	
Name:	Malinowka	yob/yinc:	91 / 92	Other info:			
Origin:	SUN, Orel Region			donor: VIR 7820		Author:	

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SP: sativum L. s. l.
 SSP: sativum
 CONV: speciosum
 VAR: thebaicum

				CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	9069 W1	1992	Ra 75780/88	L	SE	K	
Name:	Vilmorin III	yob/yinc:	73 / 74	Other info:			
Origin:	FRA			donor:	Cousin	Author:	
Wt	9070 W1		Ra 76065/94	V	CV	K	
Name:	Stella	yob/yinc:	93 / 93	Other info:			
Origin:	POL, Wiatrowo			donor:	Dusina	Author:	
Wt	9071 W1		Ra 76057/94	V	CV	K	
Name:	Turkan	yob/yinc:	93 / 94	Other info:			
Origin:	POL, Szyldak			donor:	Wenclowicz	Author:	Wenclowicz
Wt	9072 W1		Ra 76026/94	V	CV	K	
Name:	Perkoz	yob/yinc:	93 / 94	Other info:			
Origin:	POL, Szyldak			donor:	Wenclowicz	Author:	Wenclowicz
Wt	9073 W1		Ra 76056/94	V	CV	K	
Name:	Pelikan	yob/yinc:	93 / 94	Other info:			
Origin:	POL, Szyldak			donor:	Wenclowicz	Author:	Wenclowicz
Wt	9074 W1		Ra 77168/00	V	CV	K	
Name:	Paisa	yob/yinc:	88 / 94	Other info:			
Origin:	ITA, DI Portici			donor:	Zielonki	Author:	
Wt	9075 W1		Ra 76394/95	V	CV	K	
Name:	Polaris	yob/yinc:	95 / 95	Other info:			
Origin:				donor:	POL, IHAR	Author:	
Wt	9076 W1		Ra 77291/01	V	CV	K	
Name:	Alma	yob/yinc:	95 / 95	Other info:			
Origin:				donor:	POL, IHAR	Author:	
Wt	9077 W1		Ra 77292/01	V	CV	K	
Name:	Dundale	yob/yinc:	95 / 95	Other info:			
Origin:				donor:	POL, IHAR	Author:	
Wt	9078 W1		Ra 76395/95	V	CV	K	
Name:	Salome	yob/yinc:	95 / 95	Other info:			
Origin:				donor:	POL, IHAR	Author:	
Wt	9079 W1		Ra 76396/95	V	CV	K	
Name:	Binar	yob/yinc:	95 / 95	Other info:			
Origin:				donor:	POL, IHAR	Author:	

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SP: sativum L. s. l.
 SSP: sativum
 CONV: speciosum
 VAR: thebaicum

				CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	9080 W1	Ra	76169/96	L	LR	K	
Name:	E 4396	yob/yinc:	95 / 96	Other info:			
Origin:	Piekelnik 324, alt600			donor:	IHAR	Author:	
Wt	9081 W1	Ra	76172/96	L	LR	K	
Name:	E 4398	yob/yinc:	95 / 96	Other info:			
Origin:	Piekelnik, alt 600			donor:	IHAR	Author:	
Wt	9082 W1	Ra	77640/08	L	CO	K	
Name:	K.2322	yob/yinc:	94 / 97	Other info:			
Origin:	GEO			donor:		Author:	
Wt	9083 W1	Ra	77190/00	L	CO	K	
Name:	POLBES 99	yob/yinc:	99 / 00	Other info:			alt 650m
Origin:	POL, Beskid,Piekelik			donor:	IHAR	Author:	
Wt	9084 W1	Ra	77214/00	V	CV	K	
Name:	Roch	yob/yinc:	99 / 00	Other info:			
Origin:	POL, 01373*HM383(donor:	Wiatrowo	Author:	Wiatrowo
Wt	9085 W1	Ra	77649/08	L	PO	K	
Name:	P. speciosum	yob/yinc:	02 / 04	Other info:			J12157, PIS2050
Origin:				donor:	GBR, JI	Author:	
Wt	9086 W1	Ra	77722/08	V	CV	K	
Name:	Winerek	yob/yinc:	03 / 04	Other info:			
Origin:	POL, Szyldak			donor:	Wenclowicz	Author:	

PISUM COLLECTION WIATROWO - TAXONOMY

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SP: sativum L. s. l.
 SSP: sativum
 CONV: speciosum
 VAR: umbellatum

					CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	9101 W1	1342	Ra	76520/97	E	SE	K	
	Name: Population - 1 (L.G. 141)	yob/yinc:	/	Other info:				
	Origin: USA, Geneva,N.Y.			donor:	Blixt	Author:		
Wt	9102 W1	0	Ra	76521/97	L	XD	K	
	Name: Kosieczynska x Szlachetna Perla	yob/yinc:	74 / 75	Other info:				
	Origin: 360/8/74			donor:	Swiecicki	Author:	Swiecicki	
Wt	9103 W1	0	Ra	76522/97	L	XD	K	
	Name: Kosieczynska x Szlachetna Perla	yob/yinc:	74 / 75	Other info:				
	Origin: 362/7/74			donor:	Swiecicki	Author:	Swiecicki	
Wt	9104 W1	0	Ra	76523/97	L	XD	K	
	Name: Kosieczynska x Szlachetna Perla	yob/yinc:	74 / 75	Other info:				
	Origin: 367/2/74			donor:	Swiecicki	Author:	Swiecicki	
Wt	9105 W1	0	Ra	76524/97	L	XD	K	
	Name: Kosieczynska x Szlachetna Perla	yob/yinc:	74 / 75	Other info:				
	Origin: 368/1/74			donor:	Swiecicki	Author:	Swiecicki	
Wt	9106 W1	0	Ra	76525/97	L	XD	K	
	Name: Kosieczynska x Szlachetna Perla	yob/yinc:	74 / 75	Other info:				
	Origin: 368/4/74			donor:	Swiecicki	Author:	Swiecicki	
Wt	9107 W1	0	Ra	76526/97	L	XD	K	
	Name: Kosieczynska x Szlachetna Perla	yob/yinc:	74 / 75	Other info:				
	Origin: 368/9/74			donor:	Swiecicki	Author:	Swiecicki	
Wt	9108 W1	0	Ra	76527/97	L	XD	K	
	Name: Kosieczynska x Szlachetna Perla	yob/yinc:	74 / 75	Other info:				
	Origin: 369/5/74			donor:	Swiecicki	Author:	Swiecicki	
Wt	9109 W1	0	Ra	76528/97	L	XD	K	
	Name: Kosieczynska x Szlachetna Perla	yob/yinc:	74 / 75	Other info:				
	Origin: 371/1/74			donor:	Swiecicki	Author:	Swiecicki	
Wt	9110 W1	0	Ra	75707	L	XD	K	
	Name: Kosieczynska x Szlachetna Perla	yob/yinc:	74 / 75	Other info:				
	Origin: 377/1/74			donor:	Swiecicki	Author:	Swiecicki	
Wt	9111 W1	0	Ra	75284/95	L	XD	K	
	Name: Kosieczynska x Szlachetna Perla	yob/yinc:	74 / 75	Other info:				
	Origin: 379/6/74			donor:	Swiecicki	Author:	Swiecicki	

PISUM COLLECTION WIATROWO - TAXONOMY

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SP: sativum L. s. l.
 SSP: sativum
 CONV: speciosum
 VAR: umbilicatum

					CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	9801	W1	2467	Ra	76540/97	V	CV	K
Name:	Vilmorin IV	yob/yinc:	/	Other info:				
Origin:	FRA	donor:	Cousin	Author:				
Wt	9802	W1	2311	Ra	76541/97	V	CV	K
Name:	Rustica	yob/yinc:	/ 70	Other info:				
Origin:	DEU	donor:	Ruzyne	Author:				
Wt	9803	W1	0	Ra	76542/97	V	CV	K
Name:	Baltersbacher	yob/yinc:	73 / 74	Other info:				
Origin:	Germany	donor:	Ruzyne	Author:				
Wt	9804	W1	0	Ra	77172/00	V	CV	K
Name:	Kubanskij	yob/yinc:	73 / 74	Other info:				
Origin:	SUN	donor:	Ruzyne	Author:				
Wt	9805	W1	0	Ra	76543/97	V	CV	K
Name:	Kefermarkter	yob/yinc:	74 / 75	Other info:				
Origin:		donor:	Ruzyne	Author:				

PISUM COLLECTION WIATROWO - TAXONOMY

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SP: sativum L. s. l.
SSP: sativum
CONV: speciosum
VAR: uniflorum

				CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	9201	W1	0 Ra	75819/88	V	CV	K
Name:	Svycarsky	yob/yinc:	/	Other info:			
	Obrovsky						
Origin:				donor:	Ruzyne	Author:	

PISUM COLLECTION WIATROWO - TAXONOMY

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SP: sativum L. s. l.
 SSP: sativum
 CONV: speciosum
 VAR: urgaeum

				CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	9302 W1	0 Ra	76135/96	L	PO	K	
Name:	N.F.G. Peluschke	yob/yinc:	/	Other info:			
Origin:	Germany			donor:	Ruzyne	Author:	
Wt	9303 W1	0 Ra	75820/88	E	CO	K	
Name:	Population - 1 (22764)	yob/yinc:	73 / 74	Other info:			
Origin:	ETH, Abyssinia			donor:	Gentry	Author:	
Wt	9304 W1	0 Ra	75137/95	E	CO	K	
Name:	Population - 2	yob/yinc:	/	Other info:			
Origin:	ETH, Abyssinia			donor:	Gentry	Author:	
Wt	9305 W1	0 Ra	75285/95	E	CO	K	
Name:	Population - 3 (22794)	yob/yinc:	73 / 74	Other info:			
Origin:	ETH, Abyssinia			donor:	Gentry	Author:	
Wt	9306 W1	0 Ra	76627/98	L	XD	K	
Name:	Oliwkowa * ((Kos. * P. abys.) * Kos.)	yob/yinc:	74 / 75	Other info:			
Origin:	85/72			donor:	Swiecicki	Author:	Swiecicki

PISUM COLLECTION WIATROWO - TAXONOMY

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SP: sativum L. s. l.

SSP: sativum

CONV: speciosum

VAR: violaceo-punctatum

					CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	9401	W1	0	Ra	76628/98	E	PO	K
Name:	Greece	yob/yinc:	/	Other info:				(h)
Origin:	GRC	donor:	Lehmann	Author:				
Wt	9402	W1	0	Ra	76529/97	V	CV	K
Name:	Luzienhofer	yob/yinc:	/ 69	Other info:				(h)
Origin:	Germany	donor:	Lehmann	Author:				
Wt	9404	W1	0	Ra	75619	L	PO	K
Name:	N.F.G. Krupp 1	yob/yinc:	/	Other info:				
Origin:	Germany	donor:	Lehmann	Author:				
Wt	9405	W1	0	Ra	76530/97	L	PO	K
Name:	N.F.G. Krupp 2	yob/yinc:	/	Other info:				
Origin:	Germany	donor:	Lehmann	Author:				
Wt	9406	W1	0	Ra	75620	E	CO	K
Name:	Population - 2	yob/yinc:	/	Other info:				(h)
Origin:	GRC, Peloponnes	donor:	Lehmann	Author:				
Wt	9407	W1	2018	Ra	76629/98	V	CV	K
Name:	Tiver	yob/yinc:	/ 70	Other info:				(h)
Origin:	FRA	donor:	Cousin	Author:				
Wt	9408	W1	0	Ra	75621	E	PO	K
Name:	Population - 3	yob/yinc:	/	Other info:				(h)
Origin:	Muenchener Germany	donor:	Lehmann	Author:				
Wt	9409	W1	0	Ra	76630/98	V	CV	K
Name:	Klatovsky Ozimy	yob/yinc:	/ 72	Other info:				(h)
Origin:	CSK	donor:	Ruzyne	Author:				
Wt	9410	W1	0	Ra	75286/95	E	CO	K
Name:	Population - 4	yob/yinc:	/	Other info:				
Origin:	Hindukusch	donor:	Lehmann	Author:				
Wt	9411	W1	2005	Ra	76531/97	E	CV	K
Name:	Nitschkes Riesen Gebirgs	yob/yinc:	/ 69	Other info:				(h)
Origin:	Germany	donor:	Lehmann	Author:				
Wt	9412	W1	0	Ra	77169/00	E	PO	K
Name:	Wirtenberger	yob/yinc:	/ 69	Other info:				(h)
Origin:	Germany	donor:	Lehmann	Author:				

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SP: sativum L. s. l.
 SSP: sativum
 CONV: speciosum
 VAR: violaceo-punctatum

				CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	9413 W1	0	Ra 75821/88	E	PO	K	
Name:	Population - 5	yob/yinc:	73 / 74	Other info:			
Origin:	SYR			donor:	Oslo	Author:	
Wt	9414 W1	0	Ra 75814/88	E	PO	K	
Name:	Population - 6	yob/yinc:	73 / 74	Other info:			
Origin:	SWE			donor:	Marx	Author:	
Wt	9415 W1	0	Ra 75066	E	PO	K	
Name:	Population - 7	yob/yinc:	73 / 74	Other info:			
Origin:	DNK			donor:	Marx	Author:	
Wt	9416 W1	0	Ra 77170/00	E	CO	K	
Name:	Population - 8	yob/yinc:	73 / 74	Other info:			
Origin:	Hindukusch			donor:	Lehmann	Author:	
Wt	9417 W1	0	Ra 75067	E	CO	K	
Name:	Population - 9	yob/yinc:	73 / 74	Other info:			
Origin:	ETH, Abyssinia			donor:	VIR	Author:	
Wt	9418 W1	0	Ra 77171/00	E	PO	K	
Name:	Population - 10	yob/yinc:	73 / 74	Other info:			
Origin:	ETH, Abyssinia			donor:	VIR	Author:	
Wt	9419 W1	0	Ra 76532/97	V	CV	K	
Name:	Falenskij 40	yob/yinc:	73 / 74	Other info:			
Origin:	SUN			donor:	Ruzyne	Author:	
Wt	9420 W1	0	Ra 75822/95	V	CV	K	
Name:	Jubilejny	yob/yinc:	73 / 74	Other info:			
Origin:	CSK			donor:	Ruzyne	Author:	
Wt	9421 W1	0	Ra 77752/04	V	CV	K	
Name:	Rudenskij	yob/yinc:	73 / 74	Other info:			
Origin:	SUN			donor:	Ruzyne	Author:	
Wt	9422 W1	0	Ra 75909/89	V	CV	K	
Name:	Pirat	yob/yinc:	73 / 74	Other info:			
Origin:				donor:		Author:	
Wt	9423 W1	1940	Ra 76402/95	E	CO	K	
Name:		yob/yinc:	81 / 81	Other info:			
Origin:	ALB			donor:	Blixt	Author:	

PISUM COLLECTION WIATROWO - TAXONOMY

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SP: sativum L. s. l.
SSP: sativum
CONV: speciosum
VAR: violaceo-punctatum

			CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	9424 W1	Ra	V	CV	K	
Name: Klif	yob/yinc:	11 / 13	Other info:			
Origin: SZC547xKTA70 0			donor: Swiecicki	Author: Swiecicki		

PISUM COLLECTION WIATROWO - TAXONOMY

219 z 225 7 października 2013

SP: sativum L. s. l.
 SSP: sativum
 CONV: speciosum
 VAR: viridipunctulum

					CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	9501 W1	0	Ra 77641/08		E	PO	K	
Name:	Population - 1	yob/yinc:	73 / 73	Other info:				
Origin:	BGL			donor:	Sofia,IGPB	Author:		
Wt	9502 W1	0	Ra 77642/08		E	PO	K	
Name:	Uzbekskij	yob/yinc:	73 / 74	Other info:				
Origin:	SUN			donor:	Sofia,IGPB	Author:		
Wt	9503 W1	0	Ra 75287/95		L	XD	K	FF
Name:	WTD 5011	yob/yinc:	/	Other info:				
Origin:	Kosieczynska x Fruche Niedrige			donor:	Swiecicki	Author:	Swiecicki	
Wt	9504 W1	1945	Ra 75138/95		E	CO	K	
Name:		yob/yinc:	81 / 81	Other info:				
Origin:	SUN			donor:	Blixt	Author:		

PISUM COLLECTION WIATROWO - TAXONOMY

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SP: sativum L. s. l.
 SSP: sativum
 CONV: speciosum
 VAR: zeylanicum

					CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	9601	W1	2329	Ra	76533/97	V	CV	K
Name:	Valorart	yob/yinc:	/	Other info:				
Origin:	SWE	donor:	Blixt	Author:				
Wt	9602	W1	1201	Ra	76631/98	E	CO	K
Name:	Population - 1	yob/yinc:	/	Other info:				
Origin:	SUN	donor:	Blixt	Author:				
Wt	9603	W1	0	Ra	76010/94	V	CV	K
Name:	Ornamenta	yob/yinc:	/	Other info:				
Origin:	DEU	donor:	Seidewitz	Author:				
Wt	9604	W1	0	Ra	76405/95	V	CV	K
Name:	Palma	yob/yinc:	/ 72	Other info:				
Origin:	BEL	donor:	Lehmann	Author:				
Wt	9605	W1	0	Ra	75708	V	CV	K
Name:	Falenskaja 42	yob/yinc:	/	Other info:				
Origin:		donor:		Author:				
Wt	9606	W1	2104	Ra	75068	V	CV	K
Name:	Kocovsky	yob/yinc:	/	Other info:				
Origin:	CSK	donor:	Ruzyne	Author:				
Wt	9607	W1	0	Ra	76534/97	V	CV	K
Name:	Arvika	yob/yinc:	73 / 74	Other info:				
Origin:	CSK	donor:	Zlamal	Author:				
Wt	9608	W1	0	Ra	76535/97	V	CV	K
Name:	Vostok	yob/yinc:	/	Other info:				
Origin:	SUN	donor:	VIR	Author:				
Wt	9609	W1	0	Ra	76536/97	V	CV	K
Name:	Collegian	yob/yinc:	/	Other info:				
Origin:	AUS	donor:	Aitken	Author:				
Wt	9610	W1	0	Ra	77643/08	E	PO	K
Name:	Population - 2 (490 A)	yob/yinc:	/	Other info:				
Origin:	AUS	donor:	Aitken	Author:				
Wt	9611	W1	0	Ra	76537/97	E	PO	K
Name:	Population - 3 (617)	yob/yinc:	/	Other info:				
Origin:	AUS	donor:	Aitken	Author:				

PISUM COLLECTION WIATROWO - TAXONOMY

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SP: sativum L. s. l.
 SSP: sativum
 CONV: speciosum
 VAR: zeylanicum

				CLASS IFICATION	TYPE	MAINTE NANCE	TYPE OF USAGE
Wt	9612 W1	0	Ra 76632/98	E	PO	K	
Name:	Population - 4	yob/yinc:	/	Other info:			
Origin:				donor:	Crampton	Author:	
Wt	9613 W1	0	Ra 76538/97	E	PO	K	
Name:	Population - 5	yob/yinc:	/	Other info:			
Origin:				donor:	Crampton	Author:	
Wt	9614 W1	0	Ra 75079	V	CV	K	FSA
Name:	Fidelia	yob/yinc:	80 / 81	Other info:			WTD 16013
Origin:	Zeiners kurz und gut x R.1002			donor:	Swiecicki	Author:	Swiecicki
Wt	9615 W1	0	Ra 76539/97	V	CV	K	
Name:	Sirius	yob/yinc:	79 / 80	Other info:			
Origin:				donor:		Author:	
Wt	9616 W1	0	Ra 76406/95	V	CV	K	
Name:	WTD 5034	yob/yinc:	83 / 83	Other info:			
Origin:	Luna x WTD 3007			donor:	Owsianny	Author:	Swiecicki
Wt	9617 W1	0	Ra 75709	V	CV	K	
Name:	WTD 5039	yob/yinc:	83 / 83	Other info:			
Origin:	Luna x Fidelia			donor:	Owsianny	Author:	Swiecicki
Wt	9618 W1		Ra 76633/98	E	PO	K	
Name:	ZP-138	yob/yinc:	89 / 92	Other info:			
Origin:	ESP, Valladolid			donor:	Serv.in.Ag	Author:	P. Codesal
Wt	9619 W1		Ra 77753/04	V	CV	K	
Name:	Zuraw	yob/yinc:	99 / 00	Other info:			
Origin:	POL, Sztydak			donor:	Wiatrowo	Author:	Sztydak

PISUM COLLECTION WIATROWO - TAXONOMY

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SP: sativum L. s. l.
 SSP: tibeticum
 CONV:
 VAR:

					CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	701	W1	806	Ra	75003	E	CO	K
Name:	Population - 1		yob/yinc:	/	Other info:			
Origin:	Thibet				donor:	von Rosen	Author:	
Wt	703	W1	611	Ra	75633	L	CO	K
Name:	P. tibeticum		yob/yinc:	81 / 81	Other info:			
Origin:	Thibet				donor:	Blixt	Author:	

PISUM COLLECTION WIATROWO - TAXONOMY

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SP: sativum L. s. l.
 SSP: transcaucasicum
 CONV:
 VAR:

					CLASS IFICATION	TYPE	MAINTE NANCE	TYPE OF USAGE
Wt	801 W1	0	Ra	77233/01	E	CO	K	
Name:	Population - 1	yob/yinc:	/	Other info:				
Origin:	SUN	donor:	VIR	Author:				
Wt	802 W1	0	Ra	76091/95	E	CO	K	
Name:	Population - 2	yob/yinc:	/	Other info:				
Origin:	SUN	donor:	VIR	Author:				
Wt	803 W1	0	Ra	75169	E	CO	K	
Name:	Population - 3	yob/yinc:	/	Other info:				
Origin:	Caucasus	donor:	Snoad	Author:				
Wt	804 W1	0	Ra	75170/95	E	CO	K	
Name:	Population - 4	yob/yinc:	/	Other info:				
Origin:	SUN	donor:	VIR	Author:				
Wt	805 W1	0	Ra	77412/08	E	CO	K	
Name:	Population - 5	yob/yinc:	73 / 74	Other info:				
Origin:	AFG	donor:	VIR	Author:				
Wt	806 W1	0	Ra	76093/95	E	CO	K	
Name:	Population - 6	yob/yinc:	/	Other info:				
Origin:	AFG	donor:	VIR	Author:				
Wt	807 W1	1060	Ra	75615/95	L	CO	K	
Name:	P. sativum ssp. transcaucasicum	yob/yinc:	81 / 81	Other info:				+Ra75943
Origin:		donor:	Blixt	Author:				
Wt	808 W1	1951	Ra	76095/95	E	CO	K	
Name:		yob/yinc:	81 / 81	Other info:				
Origin:	SUN	donor:	Blixt	Author:				
Wt	809 W1		Ra	77413/08	E	PO	K	
Name:	P. transcaucasicum	yob/yinc:	97 / 97	Other info:				
Origin:	GEO, PIS 132/84	donor:	Gat.	Author:				
Wt	810 W1		Ra	77414/08	E	PO	K	
Name:	P. transcaucasicum	yob/yinc:	97 / 97	Other info:				
Origin:	GEO, PIS 1397/73	donor:	Gat.	Author:				

PISUM COLLECTION WIATROWO - TAXONOMY

224 z 225 7 października 2013

SP: syriacum (humile)

SSP:

CONV:

VAR:

					CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	401 Wl	936	Ra	77055/00	E	CO	K	
Name:	Population - 1	yob/yinc:	/	Other info:				
Origin:	SYR			donor:	von Rosen	Author:		
Wt	402 Wl	0	Ra	77399/08	E	CO	K	
Name:	Population - 2 (241)	yob/yinc:	/	Other info:				
Origin:	ISR			donor:	Snoad	Author:		
Wt	403 Wl	0	Ra	77400/08	E	CO	K	
Name:	Population - 3	yob/yinc:	/	Other info:				
Origin:	Palestine			donor:	VIR	Author:		
Wt	404 Wl	0	Ra	77401/08	E	CO	K	
Name:	Population - 4a	yob/yinc:	/	Other info:				
Origin:	SYR			donor:	Izmir	Author:		
Wt	405 Wl	0	Ra	77402/08	E	CO	K	
Name:	Population - 4b	yob/yinc:	/	Other info:				
Origin:	SYR			donor:	Izmir	Author:		
Wt	407 Wl	0	Ra	77403/08	E	CO	K	
Name:	Population - 6	yob/yinc:	/	Other info:				
Origin:	IND			donor:	Izmir	Author:		
Wt	408 Wl	0	Ra	77404/08	E	CO	K	
Name:	Population - 7	yob/yinc:	/	Other info:				
Origin:	IND			donor:	Izmir	Author:		
Wt	410 Wl	0	Ra	75742/88	E	CO	K	
Name:	Kirikhane	yob/yinc:	/	Other info:				
Origin:	TUR			donor:	Izmir	Author:		
Wt	411 Wl	0	Ra	77228/01	E	CO	K	
Name:	Population - 9 (6562)	yob/yinc:	/	Other info:				
Origin:	AFG			donor:	VIR	Author:		
Wt	412 Wl	1433	Ra	75612	E	CO	K	
Name:	Population - 10	yob/yinc:	/	Other info:				
Origin:	AFG			donor:	Iowa	Author:		
Wt	413 Wl	0	Ra	75940/94	E	CO	K	
Name:	Karsyiaka II	yob/yinc:	/	Other info:				
Origin:	TUR			donor:	Izmir	Author:		

PISUM COLLECTION WIATROWO - TAXONOMY

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SP: syriacum (humile)

SSP:

CONV:

VAR:

				CLASSIFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	415 Wl	0 Ra	77405/08	E	CO	K	
Name:	Population - 11	yob/yinc:	73 / 74	Other info:			
Origin:	Katmanda			donor:	Snoad	Author:	
Wt	416 Wl	0 Ra	75166	E	CO	K	
Name:	Population - 12	yob/yinc:	73 / 74	Other info:			
Origin:	SUN			donor:	VIR	Author:	
Wt	417 Wl	0 Ra	77229/01	E	CO	K	
Name:	Population - 13	yob/yinc:	73 / 74	Other info:			
Origin:	TUR			donor:	Izmir	Author:	
Wt	418 Wl	0 Ra	75167	E	CO	K	
Name:	Population - 14	yob/yinc:	73 / 74	Other info:			
Origin:	NLD			donor:	Marx	Author:	
Wt	419 Wl	0 Ra	77230/01	E	CO	K	
Name:	Population - 15	yob/yinc:	/	Other info:			
Origin:	SUN			donor:	Marx	Author:	
Wt	420 Wl	0 Ra	77231/01	E	CO	K	
Name:	Population - 16	yob/yinc:	/	Other info:			
Origin:	AUT			donor:	Marx	Author:	
Wt	421 Wl	0 Ra	75743/88	E	CO	K	
Name:	Musting	yob/yinc:	/	Other info:			
Origin:				donor:	Marx	Author:	
Wt	422 Wl	0 Ra	77406/08	E	CO	K	
Name:	Population - 17	yob/yinc:	/	Other info:			
Origin:	AFG			donor:	Aitken	Author:	
Wt	423 Wl	0 Ra	77407/08	E	CO	K	
Name:	Population - 18	yob/yinc:	/	Other info:			
Origin:	IND			donor:	Marx	Author:	
Wt	425 Wl	0 Ra	76087/95	E	CO	K	
Name:	Population - 20	yob/yinc:	/	Other info:			
Origin:	TUR			donor:	Marx	Author:	
Wt	427 Wl	0 Ra	77408/08	E	CO	K	
Name:	Population - 22	yob/yinc:	/	Other info:			
Origin:	IND			donor:	Marx	Author:	

PISUM COLLECTION WIATROWO – MUTATION GROUPS

1 z 187

1 Chromosome mutations

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					CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	13001 W1	0 Ra	77675/08		L	MU	K	
Name: L.43						yob/yinc:	82 / 82	
Origin: POL				donor:	Kasperek	Author:	Kasperek, AR Poznan	
Other information:								
mutations: 1.0		Chromosome mutations						
Wt	13002 W1	0 Ra	77676/08		L	MU	K	
Name: L.44						yob/yinc:	82 / 82	
Origin: POL				donor:	Kasperek	Author:	Kasperek, AR Poznan	
Other information:								
mutations: 1.0		Chromosome mutations						
Wt	13003 W1	0 Ra	76680/98		L	MU	K	
Name: L.56						yob/yinc:	82 / 82	
Origin: POL				donor:	Kasperek	Author:	Kasperek, AR Poznan	
Other information:								
mutations: 1.0		Chromosome mutations						
Wt	13005 W1	Ra	75864/88		L	MU	K	
Name: L. 461						yob/yinc:	88 / 88	
Origin: POL				donor:	Kasperek	Author:	Kasperek, AR Poznan	
Other information:								
mutations: 1.0		Chromosome mutations						

2 Physiological characters

1 Disease resistance

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				CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	10200 W1	200 Ra	76699/99	L	CV	K	
Name: Witham Wonder				yob/yinc:		79 / 80	
Origin: SWE, Alnarp fnr.0702				donor: Blixt		Author:	
Other information:							
mutations: 2.1				Lr			
3.8 rugosus				r			
4.2 internodes much longer				cry>c			
Wt	11001 W1	Ra	76687/98	L	XD	K	
Name: WI 741				yob/yinc:		97 / 98	
Origin: USA				donor: Gritton		Author: Gritton	
Other information: Canner							
mutations: 2.1 res. to bean virus 2							
2.1 res. to powdery mildew							
2.1 res. to F. oxysporum race 1+2							
Wt	11002 W1	Ra	76688/98	L	XD	K	
Name: WI 7102				yob/yinc:		97 / 98	
Origin: USA, DSP				donor: Gritton		Author: Gritton	
Other information: Back cross							
mutations: 2.1 res. to powdery mildew							
Wt	11003 W1	Ra	76689/98	L	XD	K	
Name: WI 7105				yob/yinc:		97 / 98	
Origin: USA				donor: Gritton		Author: Gritton	
Other information:							
mutations: 2.1 res. to PSbMV							
Wt	11004 W1	Ra	76690/98	L	XD	K	
Name: Breed. Mat.				yob/yinc:		97 / 98	
Origin: USA, Root rot recur. sel.				donor: Gritton		Author: Gritton	
Other information: Pea common root rot							
mutations: 2.1 res. to Aphanomyces euteiches							
Wt	11166 W1	Ra	76778/99	L	XD	K	
Name: WI 9301				yob/yinc:		98 / 98	
Origin: USA, recurrent selection				donor: Gritton		Author: Gritton	
Other information: res. to pea root rot							
mutations: 2.1 res. to Aphanomyces euteiches							
8.1 cream flower				crw			

2 Physiological characters

1 Disease resistance

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				CLASSIFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	11363 Wl	1363	Ra	76797/99	L	SE	K
Name: Lamms L30							
Origin: 187/62							
Other information: +Ra76437							
mutations: 2.1 res. Peronospora viciae rpv-1, rpv-2							
Wt	11366 Wl	0	Ra	76149/96	L	SE	K
Name: Melzer 1							
Origin: DDR							
Other information:							
mutations: 2.1 res. PEMV							
Wt	11367 Wl	0	Ra	76975/99	L	SE	K
Name: Melzer 2							
Origin: DDR							
Other information:							
mutations: 2.1 res. PEMV							
Wt	11527 Wl	1527	Ra		L	MU	K
Name: leaflets assymmetrically reduced							
Origin: L 58							
Other information:							
mutations: 2.1 Rpv-1,Rpv-2							
5.4 leaflets assymmetrically reduced asre							
Wt	11677 Wl	1677	Ra	76669/98	L	CV	K
Name: Mexique 4							
Origin:							
Other information:							
mutations: 2.1 res. Erysiphe polygoni er-1, er-2							
Wt	11735 Wl	0	Ra	75212	L	XD	K
Name: Heros							
Origin: POL							
Other information:							
mutations: 2.1 res. BYMV							
Wt	11737 Wl	1737	Ra	76806/99	L	CV	K
Name: Onward							
Origin: C 15							
Other information: smi							
mutations: 2.1 res. BV-2, PV-2 mo							

2 Physiological characters

1 Disease resistance

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					CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	11740 W1	0 Ra	76570/97		L	XD	K	
Name: HM-1879						yob/yinc:	83 / 85	
Origin: CSK, Horni Mostenice					donor:	Chalupa	Author:	
Other information:								
mutations: 2.1		Res. Fusarium						
Wt	11741 W1	1741 Ra	76809/99		L	CV	K	
Name: New Season						yob/yinc:	79 / 80	
Origin:					donor:	Blixt	Author:	
Other information:								
mutations: 2.1		Res. Fusarium oxysporum			Fnw			
Wt	11777 W1	Ra	76913/99		L	XD	K	
Name: sbm - recombinant						yob/yinc:	88 / 90	
Origin: Wt12074 x Wt1602					donor:	Skarzynska	Author:	Skarzynska
Other information: sbm Arg art wlo PI								
mutations: 2.1		res.sbm						
Wt	11778 W1	1778 Ra	76051/94		L	SE	K	
Name: PI 193586						yob/yinc:	79 / 80	
Origin: arl. 71477					donor:	Blixt	Author:	
Other information:								
mutations: 2.1		res. PSbMV			sbm			
Wt	11779 W1	1779 Ra	75733		L	SE	K	
Name: PI 193835						yob/yinc:	79 / 80	
Origin: arl. 71478					donor:	Blixt	Author:	
Other information:								
mutations: 2.1		res. PSbMV			sbm, Repr			
Wt	11780 W1	1781 Ra	75926/89		L	SE	K	
Name: Wis 7105						yob/yinc:	81 / 81	
Origin:					donor:	Blixt	Author:	
Other information:								
mutations: 2.1		res. PSbMV						
Wt	12066 W1	2066 Ra	76826/99		L	CV	K	
Name: Cobri						yob/yinc:	79 / 80	
Origin:					donor:	Blixt	Author:	
Other information:								
mutations: 2.1		res. PLRV			lr			

2 Physiological characters

1 Disease resistance

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				CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	12069 W1	0 Ra	77335/01	L	XD	K	
Name: Wis 7105				yob/yinc:		85 / 86	
Origin: PI 193586 * New Season				donor:	Gritton	Author:	USA, Gritton
Other information:							
mutations: 2.1		Res. to PSbMV					
Wt	12070 W1	0 Ra	76151/96	L	XD	K	
Name: Wis 7106				yob/yinc:		85 / 86	
Origin: PI 193586 * D.S.P.				donor:	Gritton	Author:	USA, Gritton
Other information:							
mutations: 2.1		Res. to PSbMV					
Wt	12072 W1	0 Ra	76906/99	L	XD	K	
Name: Testerline - 6 chr.				yob/yinc:		87 / 87	
Origin: Wt 11778 * Wt 16140				donor:	Skarzynska	Author:	Skarzynska, Zielonki
Other information: sbm art-1 wlo							
mutations: 2.1		res. to PSbMV					
Wt	12073 W1	Ra	76827/99	L	XD	K	
Name: Testerline - chr6				yob/yinc:		88 / 88	
Origin: Wt 12069 x Wt 12367				donor:	Skarzynska	Author:	Skarzynska, Zielonki
Other information: sbm,PI,Arg(part.expr							
mutations: 2.1		res.to PSbMV					
Wt	12074 W1	Ra	76152/96	L	XD	K	
Name: Testerline - chr6				yob/yinc:		88 / 88	
Origin: Wt 12367 x Wt 12070				donor:	Skarzynska	Author:	Skarzynska, Zielonki
Other information: sbm,PI,Arg(part.expr							
mutations: 2.1		res.to PSbMV					
Wt	12075 W1	2033 Ra	77784/04	L	SE	K	
Name: Keerau pea				yob/yinc:		87 / 88	
Origin: JI 181				donor:	P.Matthews	Author:	
Other information: 20024,res.to A.pin.							
mutations: 2.1		res.to Phoma medicaginis					
Wt	12076 W1	Ra	76828/99	L	SE	K	
Name: P. elatius				yob/yinc:		87 / 88	
Origin: JI 198				donor:	P.Matthews	Author:	
Other information: 20025,test-1,pathot.							
mutations: 2.1		res. to Ascochyta pisi					

2 Physiological characters

1 Disease resistance

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					CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	12077 W1	2055	Ra	76052/94	L	SE	K	
Name:	P. jomardii					yob/yinc:	87 / 88	
Origin:	JI 250				donor:	P.Matthews	Author:	
Other information:	20026,susc.to isolat							
mutations:	2.1	res. to Ascochyta pisi						
Wt	12078 W1	1619	Ra	76154/96	L	SE	K	
Name:	P. sativum-Greece					yob/yinc:	87 / 88	
Origin:	JI 288				donor:	P.Matthews	Author:	
Other information:	20027,res.to race C							
mutations:	2.1	res. to Ascochyta pisi						
Wt	12079 W1		Ra	76829/99	L	SE	K	
Name:	Wyola					yob/yinc:	87 / 88	
Origin:	JI 320				donor:	P.Matthews	Author:	
Other information:	20028,different.line							
mutations:	2.1	res. to Ascochyta pisi						
Wt	12080 W1		Ra	77336/01	L	SE	K	
Name:	Vitalis					yob/yinc:	87 / 88	
Origin:	JI 395				donor:	P.Matthews	Author:	
Other information:	20029,pathot.ident.							
mutations:	2.1	res.to Ascochyta pisi						
Wt	12081 W1		Ra	76830/99	L	SE	K	
Name:	Frazer					yob/yinc:	87 / 88	
Origin:	JI 403				donor:	P.Matthews	Author:	
Other information:	20030, path. ident.							
mutations:	2.1	res .to Ascochyta pisi						
Wt	12082 W1		Ra	76053/94	L	SE	K	
Name:	Cobri					yob/yinc:	87 / 88	
Origin:	JI 411				donor:	P.Matthews	Author:	
Other information:	20031, full res.							
mutations:	2.1	res.to Ph.medicaginis var.pinodella						
Wt	12083 W1		Ra	76831/99	L	SE	K	
Name:	Dik Trom					yob/yinc:	87 / 88	
Origin:	JI 423				donor:	P.Matthews	Author:	
Other information:	20032, most pathot.							
mutations:	2.1	res.to Ph.medicaginis var.pinodella						

2 Physiological characters

1 Disease resistance

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				CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	12085 W1	Ra	76832/99	L	SE	K	
Name:	815				yob/yinc:	87 / 88	
Origin:	JI 494			donor:	P.Matthews	Author:	
Other information:	20034,A.pisi+pinodes						
mutations:	2.1	res.to Ph.medicaginis var.pinodella					
Wt	12086 W1	Ra	76993/99	L	SE	K	
Name:	Olympic A				yob/yinc:	87 / 88	
Origin:	JI 513			donor:	P.Matthews	Author:	
Other information:	20035						
mutations:	2.1	res.to A.pisi + pinodes					
Wt	12087 W1	Ra	76994/99	L	SE	K	
Name:	Sun Valley				yob/yinc:	87 / 88	
Origin:	JI 580			donor:	P.Matthews	Author:	
Other information:	20036						
mutations:	2.1	res.to A.pisi + pinodes					
Wt	12088 W1	Ra	76995/99	L	SE	K	
Name:	Citation (WV-100F)				yob/yinc:	87 / 88	
Origin:	JI 569			donor:	P.Matthews	Author:	
Other information:	20037						
mutations:	2.1	res.to A.pisi + pinodes					
Wt	12089 W1	Ra	76833/99	L	SE	K	
Name:	Rondo				yob/yinc:	87 / 88	
Origin:	JI 502			donor:	P.Matthews	Author:	
Other information:	20038						
mutations:	2.1	res.to A.pisi + pinodes					
Wt	12090 W1	Ra	76834/99	L	SE	K	
Name:	Wis 183				yob/yinc:	87 / 88	
Origin:	USA, Delwiche Commando select.			donor:	Gritton	Author:	Hagedorn, Gritton
Other information:	20039, res. to BYMV						
mutations:	2.1	res.to F. oxysporum race 1					
Wt	12091 W1	Ra	76835/99	L	SE	K	
Name:	Wis 709				yob/yinc:	87 / 88	
Origin:	USA			donor:	Gritton	Author:	Hagedorn, Gritton
Other information:	20040						
mutations:	2.1	res. to F. oxysporum race 1 and 2					

2 Physiological characters

1 Disease resistance

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				CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	12092 W1	Ra	76836/99	L	SE	K	
Name:	Wis 711				yob/yinc:	87 / 88	
Origin:	USA			donor:	Gritton	Author:	Hagedorn, Gritton
Other information:	20041						
mutations:	2.1 res. to F. oxysporum race 1 and 2						
Wt	12093 W1	Ra	76837/99	L	XD	K	
Name:	Wis 715				yob/yinc:	87 / 88	
Origin:	USA, New Era x Finette			donor:	Gritton	Author:	Hagedorn, Gritton
Other information:	20042						
mutations:	2.1 res. to F. oxysporum race 1 and 2						
Wt	12094 W1	Ra	76838/99	L	XD	K	
Name:	Wis 716				yob/yinc:	87 / 88	
Origin:	USA, New Era x Finette			donor:	Gritton	Author:	Hagedorn, Gritton
Other information:	20043						
mutations:	2.1 res. to F. oxysporum race 1 and 2						
Wt	12095 W1	Ra	76054/94	L	XD	K	
Name:	Wis 729				yob/yinc:	87 / 88	
Origin:	USA, Oregon S.U. 42xN.Y. 59-29			donor:	Gritton	Author:	Hagedorn, Gritton
Other information:	20044						
mutations:	2.1 res. to BYMV						
	2.1 res. to Erysiphe polygoni						
	2.1 res. to F. oxysporum race 1 and 2						
Wt	12096 W1	Ra	76839/99	L	XD	K	
Name:	Wis 741				yob/yinc:	87 / 88	
Origin:	USA, Oregon S.U. 42xN.Y. 59-29			donor:	Gritton	Author:	Hagedorn, Gritton
Other information:	20045						
mutations:	2.1 res. to BYMV						
	2.1 res. to F. oxysporum race 1 and 2						
	2.1 res. to Erysiphe polygoni						
Wt	12097 W1	Ra	76996/99	L	XD	K	
Name:	sbm-recombinant				yob/yinc:	89 / 90	
Origin:				donor:	Skarzynska	Author:	Skarzynska,Zielonki
Other information:	sbm art-1 wlo						
mutations:	2.1 res.to PSbMV						

2 Physiological characters

1 Disease resistance

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				CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	12116 W1	0 Ra	76840/99	L	XD	K	
Name: DE 292/2703				yob/yinc: 85 / 85			
Origin: CSK, Detenice				donor: Chalupa	Author:		
Other information:							
mutations: 2.1		Res. to diseases					
Wt	12117 W1	0 Ra	76841/99	L	XD	K	
Name: DE 293/2707				yob/yinc: 85 / 85			
Origin: CSK, Detenice				donor: Chalupa	Author:		
Other information:							
mutations: 2.1		Res. to diseases					
Wt	12118 W1	0 Ra	76842/99	L	XD	K	
Name: Te 01				yob/yinc: 83 / 85			
Origin: CSK, Temenice				donor: Chalupa	Author:		
Other information:							
mutations: 2.1		Res. to diseases					
Wt	12119 W1	0 Ra	75607	L	XD	K	
Name: Te 02				yob/yinc: 83 / 85			
Origin: CSK, Temenice				donor: Chalupa	Author:		
Other information:							
mutations: 2.1		Res to diseases					
Wt	12120 W1	0 Ra	75608	L	XD	K	
Name: Te 03				yob/yinc: 83 / 85			
Origin: CSK, Temenice				donor: Chalupa	Author:		
Other information:							
mutations: 2.1		Res. to diseases					
Wt	12121 W1	0 Ra	75609	L	XD	K	
Name: Te 04				yob/yinc: 83 / 85			
Origin: CSK, Temenice				donor: Chalupa	Author:		
Other information:							
mutations: 2.1		Res. to diseases					
Wt	12122 W1	0 Ra	75610	L	XD	K	
Name: Te 05				yob/yinc: 83 / 85			
Origin: CSK, Temenice				donor: Chalupa	Author:		
Other information:							
mutations: 2.1		Res. to diseases					

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2 Physiological characters

1 Disease resistance

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				CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	12124 W1	2124	Ra	76843/99	E	PO	K
Name:	WP 525a				yob/yinc:	79 / 80	
Origin:	AFG				donor:	Blixt Author:	
Other information:							
mutations:	2.1	res. Peronospora viciae		rpv-1, Rpv-2			
	5.7			D>tet			
Wt	12176 W1	2176	Ra	76848/99	L	SE	K
Name:	G 168-6-3-1				yob/yinc:	82 / 82	
Origin:	USA, PI 140295				donor:	Blixt Author: Schroeder	
Other information:							
mutations:	2.1	Res. PEMV		En			
Wt	12183 W1	2183	Ra	76849/99	L	CV	K
Name:	Darkskin Perfection				yob/yinc:	79 / 80	
Origin:					donor:	Blixt Author:	
Other information:							
mutations:	2.1	Res. Fusarium oxysporum		Fw			
Wt	12184 W1	2184	Ra	76850/99	L	CV	K
Name:	New Era				yob/yinc:	79 / 80	
Origin:					donor:	Blixt Author:	
Other information:							
mutations:	2.1	Res. Fusarium oxysporum		Fnw, Fw			

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2 Physiological characters

2 Fertility

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					CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	10963 W1	963	Ra	76956/99	L	MU	K	
Name: infecunda					yob/yinc:		79 / 80	
Origin: SWE, Nilsson					donor:	Blixt	Author:	Nilsson
Other information:								
mutations: 2.2 infecunda					re			
Wt	15137 W1	5137	Ra	77011/99	L	MU	K	
Name: cochlearis					yob/yinc:		79 / 80	
Origin: SWE, Weitor					donor:	Blixt	Author:	Blixt
Other information:								
mutations: 2.2 reduced fertility					rfe			
5.2 cochlearis					coch>w			
8.3 flower anomalies					fla			
Wt	16007 W1	6007	Ra	76884/99	L	MU	K	
Name: asynaptic					yob/yinc:		/	
Origin: Dippes Gelbe Victoria					donor:	Blixt	Author:	Gottschalk
Other information:								
mutations: 2.2 asynapsis					as-1			

2 Physiological characters

3 Flowering period and maturity

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				CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	10102 W1	102 Ra	77755/04	L	CV	K	
Name:	Acacia				yob/yinc:	79 / 80	
Origin:				donor:	Blixt	Author:	FRA, Vilmorin
Other information:							
mutations:	2.3	sterile nodes few		lf>d			
	4.2	brevi-internodium		le			
	5.2	clavicula		tl			
	5.7	aeromaculata		fl			
Wt	10238 W1	Ra		L	XD	K	
Name:	M 373				yob/yinc:	97 / 99	
Origin:	USA, W6 15228			donor:	Pullman	Author:	Marx
Other information:	lf a i le						
mutations:	2.3	sterile nodes few					
Wt	10249 W1	Ra	77757/04	L	XD	K	
Name:	M 258				yob/yinc:	97 / 99	
Origin:	USA, W6 15275			donor:	Pullman	Author:	Marx
Other information:	lf						
mutations:	2.3	sterile nodes few					
Wt	10465 W1	Ra		L	XD	K	
Name:	M 591				yob/yinc:	97 / 99	
Origin:	USA, W6 15335			donor:	Pullman	Author:	Marx
Other information:	lf a						
mutations:	2.3	sterile nodes few					
Wt	10474 W1	0 Ra		L	XD	K	
Name:	M 544				yob/yinc:	97 / 99	
Origin:	USA, W6 15480			donor:	Pullman	Author:	Marx
Other information:	wsp A						
mutations:	2.3	sterile nodes few					
Wt	10496 W1	Ra		L	XD	K	
Name:	lf-recomb.				yob/yinc:	06 / 07	
Origin:	POL, K.2815			donor:	Swiecicki	Author:	Swiecicki
Other information:	lf chi29						
mutations:	2.3	sterile nodes few					

2 Physiological characters

3 Flowering period and maturity

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				CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	10594 W1	Ra	77660/08	L	MU	K	
Name: Early flowering				yob/yinc:		87 / 88	
Origin:				donor:	BGRC 49018	Author:	
Other information: 20067							
mutations: 2.3 early flowering							
Wt	11769 W1	1769 Ra	75732	L	MU	K	
Name: early tall				yob/yinc:		79 / 80	
Origin: L 1770				donor:	Blixt	Author: NLD, Wellensiek	
Other information:							
mutations: 2.3 sterile nodes 4-11				no			
4.2				Na			
Wt	11770 W1	1770 Ra	76810/99	L	MU	K	
Name: medium tall				yob/yinc:		79 / 80	
Origin: L 1776				donor:	Blixt	Author: Wellensiek	
Other information:							
mutations: 2.3				No>m			
Wt	11771 W1	1771 Ra	76811/99	L	SE	K	
Name: Wellensiek's 71/11(p5)				yob/yinc:		79 / 80	
Origin: Dominant Late				donor:	Blixt	Author:	
Other information:							
mutations: 2.3				No>h			
Wt	11776 W1	1776 Ra	76812/99	L	SE	K	
Name: Wellensiek's 71/11(p5)				yob/yinc:		79 / 80	
Origin: Dominant Late				donor:	Blixt	Author:	
Other information:							
mutations: 2.3				Lf>d			
Wt	11781 W1	Ra	76988/99	L	XD	K	
Name: lf-recomb.				yob/yinc:		91 / 92	
Origin: POL,Wt10851xWt3838				donor:	Swiecicki	Author: Swiecicki	
Other information: A lf Got/S							
mutations: 2.3 sterile nodes few							
Wt	11782 W1	Ra	76989/99	L	XD	K	
Name: lf - recomb.				yob/yinc:		91 / 92	
Origin: POL,Wt10851 x Wt3838				donor:	Swiecicki	Author: Swiecicki	
Other information: a lf Got/F							
mutations: 2.3 sterile nodes few							

2 Physiological characters

3 Flowering period and maturity

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				CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	11790 Wl	0 Ra	75862/88	L	MU	K	
Name: early flowering node				yob/yinc:		82 / 85	
Origin: POL,Porta, 200rNf, 1/7				donor:	Swiecicki	Author:	Swiecicki
Other information:							
mutations: 2.3 early flowering node							
Wt	11791 Wl	0 Ra	75863/88	L	MU	K	
Name: early flowering node				yob/yinc:		82 / 85	
Origin: POL, Porta,200rNf, 1/71				donor:	Swiecicki	Author:	Swiecicki
Other information:							
mutations: 2.3 early flowering node							
Wt	11792 Wl	1792 Ra	76990/99	L	SE	K	
Name: Murfet's L58				yob/yinc:		79 / 80	
Origin: AUS, Murfet's L53 * Massey				donor:	Blixt	Author:	Murfet,Tasmania
Other information:							
mutations: 2.3				e			
2.3				sn			
2.3 sterile nodes few				lf			
2.3				hr			
Wt	11794 Wl	0 Ra	76670/98	L	MU	K	
Name: early flowering node				yob/yinc:		81 / 81	
Origin: Paloma, 200rNf/0.014%NEU				donor:	Swiecicki	Author:	Swiecicki
Other information:							
mutations: 2.3 early flowering node							
Wt	11795 Wl	0 Ra	76671/98	L	MU	K	
Name: early flowering node				yob/yinc:		81 / 81	
Origin: Paloma, 0.014%NEU, 3064/24/80				donor:	Swiecicki	Author:	Swiecicki
Other information:							
mutations: 2.3 early flowering node							
Wt	11796 Wl	0 Ra	76813/99	L	MU	K	
Name: early flowering node				yob/yinc:		81 / 81	
Origin: Kaliski, 500rNf, 3068/196/80				donor:	Swiecicki	Author:	Swiecicki
Other information:							
mutations: 2.3 early flowering node							

2 Physiological characters

3 Flowering period and maturity

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				CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	11797 W1	0 Ra	76814/99	L	MU	K	
Name:	earlyness				yob/yinc:	81 / 81	
Origin:	Kaliski, 0.014%NEU,3066/253/80			donor:	Swiecicki	Author:	Swiecicki
Other information:							
mutations:	2.3	earlyness					
Wt	11798 W1	0 Ra	76815/99	L	MU	K	
Name:	earlyness				yob/yinc:	81 / 81	
Origin:	Kaliski, 500rNf, 3068/275/80			donor:	Swiecicki	Author:	Swiecicki
Other information:							
mutations:	2.3	earlyness					
Wt	11799 W1	0 Ra	77674/08	L	MU	K	
Name:	lateness				yob/yinc:	81 / 81	
Origin:	Paloma, 0.014%NEU, 150/5/81			donor:	Swiecicki	Author:	Swiecicki
Other information:							
mutations:	2.3	lateness					
Wt	11801 W1	0 Ra	76816/99	L	XD	K	
Name:	early flowering node				yob/yinc:	80 / 85	
Origin:	(Auralia * Arabal), F4			donor:	Swiecicki	Author:	Swiecicki
Other information:							
mutations:	2.3	early flowering node					
Wt	11802 W1	0 Ra	76672/98	L	XD	K	
Name:	early flowering node				yob/yinc:	81 / 85	
Origin:	Arabal * Jupiter, 1511/81			donor:	Swiecicki	Author:	Swiecicki
Other information:							
mutations:	2.3	early flowering node					
Wt	11803 W1	0 Ra	77333/01	L	MU	K	
Name:	Hobart L.110				yob/yinc:	85 / 86	
Origin:	SUN, Sidorova M18			donor:	Murfet	Author:	Murfet,Tasmania
Other information:							
mutations:	2.3	day neutral		dne			
Wt	11804 W1	0 Ra	76673/98	L	SE	K	
Name:	Hobart L.24				yob/yinc:	85 / 87	
Origin:	sel. from Greenfeast			donor:	Murfet	Author:	Murfet,Tasmania
Other information:							
mutations:	2.3	late photoperiodic					

2 Physiological characters

3 Flowering period and maturity

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				CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	11805 W1	0 Ra	76674/98	L	XD	K	
Name:	Hobart L.53				yob/yinc:	85 / 87	
Origin:	sel. from 7x2			donor:	Murfet	Author:	Murfet,Tasmania
Other information:							
mutations:	2.3	late photoperiodic		Sn			
Wt	11806 W1	0 Ra	76675/98	L	XD	K	
Name:	Hobart L.58				yob/yinc:	85 / 87	
Origin:	sel. from 53x22			donor:	Murfet	Author:	Murfet,Tasmania
Other information:							
mutations:	2.3	early day neutral		e,lf,sn,hr			
Wt	11807 W1	0 Ra	76817/99	L	SE	K	
Name:	Hobart L.59				yob/yinc:	85 / 87	
Origin:	sel. from cv. Massey			donor:	Murfet	Author:	Murfet,Tasmania
Other information:							
mutations:	2.3	early day neutral		E			
Wt	11808 W1	0 Ra	76818/99	L	XD	K	
Name:	Hobart L.60				yob/yinc:	85 / 87	
Origin:	sel. from 2x53			donor:	Murfet	Author:	Murfet,Tasmania
Other information:							
mutations:	2.3	early photoperiodic					
Wt	11809 W1	0 Ra	76150/96	L	XD	K	
Name:	Hobart L.67				yob/yinc:	85 / 87	
Origin:	sel. from 7x16			donor:	Murfet	Author:	Murfet,Tasmania
Other information:							
mutations:	2.3	very late, high resp. to photop.		Lf>d repr.			
Wt	11810 W1	0 Ra	76819/99	L	XD	K	
Name:	Hobart L.63				yob/yinc:	85 / 87	
Origin:	sel. from 51x53			donor:	Murfet	Author:	Murfet,Tasmania
Other information:							
mutations:	2.3	late, high resp. to photop.					
Wt	11811 W1	0 Ra	76820/99	L	XD	K	
Name:	Hobart L.65E				yob/yinc:	85 / 87	
Origin:	sel. from 24x58			donor:	Murfet	Author:	Murfet,Tasmania
Other information:							
mutations:	2.3	day neutral		Lf			

2 Physiological characters

3 Flowering period and maturity

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				CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	11812 W1	0 Ra	76991/99	L	XD	K	
Name: Hobart L.69				yob/yinc: 85 / 87			
Origin: sel. from 7x58				donor: Murfet	Author: Murfet,Tasmania		
Other information:							
mutations: 2.3		early day neutral		lf>a repr.			
Wt	11813 W1	0 Ra	76821/99	L	CV	K	
Name: Hobart L.107				yob/yinc: 85 / 87			
Origin: Torstag				donor: Murfet	Author: Murfet,Tasmania		
Other information:							
mutations: 2.3		late photoperiodic		Dne			
Wt	11814 W1	5879 Ra	77334/01	L	MU	K	
Name: gigas				yob/yinc: 91 / 92			
Origin: Virtus, ind. III/83				donor: Murfet	Author: Vasilieva, SUN		
Other information:							
mutations: 2.3		gigas		gi			
Wt	12683 W1	2683 Ra	77006/99	L	SE	K	
Name: L.53				yob/yinc: 79 / 80			
Origin: AUS				donor: Blixt	Author: Murfet,Tasmania		
Other information:							
mutations: 2.3		sterile nodes few		Sn			
Wt	12686 W1	2686 Ra	76679/98	L	SE	K	
Name: L.64/1/2/3				yob/yinc: 79 / 80			
Origin: AUS				donor: Blixt	Author: Murfet,Tasmania		
Other information:							
mutations: 2.3		Photoperiodism		Hr			
Wt	12687 W1	2687 Ra	76856/99	L	SE	K	
Name: L.65E/1				yob/yinc: 79 / 80			
Origin: AUS				donor: Blixt	Author: Murfet,Tasmania		
Other information:							
mutations: 2.3				Lf			
Wt	16012 W1	6012 Ra	76886/99	L	MU	K	
Name: praecox				yob/yinc: 79 / 80			
Origin: Parvus				donor: Blixt	Author: Monti		
Other information:							
mutations: 2.3		praecox		pra, Repr.			

PISUM COLLECTION WIATROWO – MUTATION GROUPS

18 z 187

2 Physiological characters

4 Chemical composition

7 października 2013

					CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	10180 Wl	180	Ra	76407/95	L	CO	K	
Name: arvense					yob/yinc:		79 / 80	
Origin: HUN (south)					donor:	Blixt	Author:	
Other information:								
mutations: 2.4					lap>s			
3.4 Marmoreus					M			
8.1					A			
Wt	10851 Wl	851	Ra	75071	L	MU	K	
Name: procumbens					yob/yinc:		79 / 80	
Origin: L 232 * L 470					donor:	Blixt	Author: Lamprecht	
Other information: EP I								
mutations: 2.4 Albumin a					Aba>A			
4.1 procumbens					pro			
4.1 fruticosus					fr,fru			
Wt	11238 Wl	1238	Ra	75073/95	L	XD	K	
Name: K.954					yob/yinc:		79 / 80	
Origin: L 741 * L 851					donor:	Blixt	Author: SWE,Lamprecht	
Other information: Testerline-1,2,3,5,7								
mutations: 2.4 Albumin a					Aba>A Repr.			
4.2 brevi-internodium					coh			
4.3 stem thickness					t			
8.8 Bracteatus					Bra			
9.3 Purple pods					pur>b			
Wt	11533 Wl	1533	Ra	76801/99	L	XD	K	
Name: K.1254					yob/yinc:		79 / 80	
Origin: L 342 * L 851					donor:	Blixt	Author: Lamprecht	
Other information:								
mutations: 2.4 Aminopeptidase					Lap>f			
Wt	11536 Wl		Ra		L	PO	K	
Name: P.humile - Israel					yob/yinc:		89 / 90	
Origin: JI 1794					donor:	Wolko,Weed	Author: Marx	
Other information: Aat-p/F,Est-3/F,Tpi								
mutations: 2.4 isozymes								

2 Physiological characters

4 Chemical composition

7 października 2013

				CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	11537 Wl	Ra	76981/99	L	PO	K	
Name: B 77-288				yob/yinc:		89 / 90	
Origin: USA				donor:	Wolko,Weed	Author:	Marx
Other information: Aat-p/F,Est-3/F							
mutations: 2.4		isozymes					
Wt	11538 Wl	Ra	76439/95	L	PO	K	
Name: Fast - variants				yob/yinc:		89 / 90	
Origin: USA				donor:	Wolko,Weed	Author:	Marx
Other information:							
mutations: 2.4		isozymes					
Wt	11540 Wl	Ra	76440/95	L	PO	K	
Name: Slow - variants				yob/yinc:		89 / 90	
Origin: USA				donor:	Wolko,Weed	Author:	Marx
Other information:							
mutations: 2.4		isozymes					
Wt	11541 Wl	Ra	76803/99	L	PO	K	
Name: PI 227 258				yob/yinc:		89 / 90	
Origin: USA				donor:	Wolko,Weed	Author:	Marx
Other information: Gpi-2/S							
mutations: 2.4		isozymes					
Wt	11542 Wl	Ra	76668/98	L	PO	K	
Name: A 778-26				yob/yinc:		93 / 96	
Origin:				donor:	Weeden	Author:	Marx
Other information: Wsp R Alat-p/F							
mutations: 2.4		isozymes					
Wt	12161 Wl	2161 Ra	76847/99	L	CV	K	
Name: Alaska				yob/yinc:		79 / 80	
Origin:				donor:	Blixt	Author:	
Other information:							
mutations: 2.4		Aminopeptidase		Amp-1>a			
Wt	15999 Wl	Ra	76881/99	L	PO	K	
Name: PI 179449				yob/yinc:		89 / 90	
Origin: USA, Marx				donor:	B.Wolko	Author:	
Other information: isozymic markers							
mutations: 2.4		isozymes					

2 Physiological characters

4 Chemical composition

7 października 2013

				CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	16034 W1		Ra 77038/99	L	PO	K	
Name: VIR 2521				yob/yinc: 92 / 93			
Origin: SUN				donor: Przybylska	Author:		
Other information: EP VIII pl							
mutations: 2.4		Albumin a					
Wt	16035 W1		Ra 76887/99	L	PO	K	
Name: VIR 2323				yob/yinc: 92 / 93			
Origin: SUN				donor: Przybylska	Author:		
Other information: EP VII Pl							
mutations: 2.4		Albumin a					
Wt	16037 W1	1490	Ra 75744	E	CO	K	
Name: Population 1				yob/yinc: / 81			
Origin: SUN				donor: VIR	Author:		
Other information: EP III(=Wt601)							
mutations: 2.4		Albumin a					
		Aba>B					
Wt	16058 W1		Ra 77695/08	L	PO	K	
Name: VIR 2036				yob/yinc: 01 / 02			
Origin: RUS				donor: Przybylska	Author:		
Other information: EP III							
mutations: 2.4		Albumin a					
Wt	16059 W1		Ra 77696/08	L	PO	K	
Name: VIR 2390				yob/yinc: 01 / 02			
Origin: RUS				donor: Przybylska	Author:		
Other information: EP III							
mutations: 2.4		Albumin a					
Wt	16060 W1		Ra 77697/08	L	PO	K	
Name: VIR 2392				yob/yinc: 01 / 02			
Origin: RUS				donor: Przybylska	Author:		
Other information: EPIII							
mutations: 2.4		Albumin a					
Wt	16061 W1		Ra 77698/08	L	PO	K	
Name: VIR 2394				yob/yinc: 01 / 02			
Origin: RUS				donor: Przybylska	Author:		
Other information: EPIII							
mutations: 2.4		Albumin a					

2 Physiological characters

4 Chemical composition

7 października 2013

				CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	16062 WI	Ra	77699/08	L	PO	K	
Name: VIR 2401				yob/yinc: 01 / 02			
Origin: RUS				donor: Przybylska	Author:		
Other information: EPIII							
mutations: 2.4		Albumin a					
Wt	16063 WI	Ra	77700/08	L	PO	K	
Name: VIR 3253				yob/yinc: 01 / 02			
Origin: RUS				donor: Przybylska	Author:		
Other information: EPIII							
mutations: 2.4		Albumin a					
Wt	16064 WI	Ra	77701/08	L	PO	K	
Name: VIR 3258				yob/yinc: 01 / 02			
Origin: RUS				donor: Przybylska	Author:		
Other information: EPIII							
mutations: 2.4		Albumin a					
Wt	16065 WI	0 Ra	77702/08	L	PO	K	
Name: VIR 3785				yob/yinc: 01 / 02			
Origin: RUS				donor: Przybylska	Author:		
Other information: EPIII							
mutations: 2.4		Albumin a					
Wt	16066 WI	Ra	77703/08	L	PO	K	
Name: VIR 3965				yob/yinc: 01 / 02			
Origin: RUS				donor: Przybylska	Author:		
Other information: EPIII							
mutations: 2.4		Albumin a					
Wt	16067 WI	Ra	77704/08	L	PO	K	
Name: VIR 4817				yob/yinc: 01 / 02			
Origin: RUS				donor: Przybylska	Author:		
Other information: EPIII							
mutations: 2.4		Albumin a					
Wt	16068 WI	Ra	77705/08	L	PO	K	
Name: VIR 4472				yob/yinc: 01 / 02			
Origin: VIR, RUS				donor: Przybylska	Author:		
Other information: EPVII							
mutations: 2.4		Albumin a					

2 Physiological characters

4 Chemical composition

7 października 2013

		CLASSIFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	16069 W1	Ra 77706/08	L	PO	K
Name: VIR 1809		yob/yinc:		01 / 02	
Origin: VIR, RUS		donor: Przybylska	Author:		
Other information: EPVII					
mutations: 2.4 Albumin a					
Wt	16070 W1	Ra 77707/08	L	PO	K
Name: VIR 280		yob/yinc:		01 / 02	
Origin: VIR, RUS		donor: Przybylska	Author:		
Other information: EPVII					
mutations: 2.4 Albumin a					
Wt	16071 W1	Ra 77708/08	L	PO	K
Name: VIR 286		yob/yinc:		01 / 02	
Origin: VIR, RUS		donor: Przybylska	Author:		
Other information: EPVII					
mutations: 2.4 Albumin a					
Wt	16072 W1	Ra 77709/08	L	PO	K
Name: VIR 290		yob/yinc:		01 / 02	
Origin: VIR, RUS		donor: Przybylska	Author:		
Other information: EPVII					
mutations: 2.4 Albumin a					
Wt	16073 W1	Ra 77710/08	L	PO	K
Name: VIR 292		yob/yinc:		01 / 02	
Origin: VIR, RUS		donor: Przybylska	Author:		
Other information: EPVII					
mutations: 2.4 Albumin a					
Wt	16074 W1	Ra 77711/08	L	PO	K
Name: VIR 294		yob/yinc:		01 / 02	
Origin: VIR, RUS		donor: Przybylska	Author:		
Other information: EPVII					
mutations: 2.4 Albumin a					
Wt	16075 W1	Ra 77712/08	L	PO	K
Name: VIR 296		yob/yinc:		01 / 02	
Origin: VIR, RUS		donor: Przybylska	Author:		
Other information: EPVII					
mutations: 2.4 Albumin a					

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2 Physiological characters

4 Chemical composition

7 października 2013

			CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	16076 W1	Ra	77713/08	L	PO	K
Name:	VIR 299				yob/yinc:	01 / 02
Origin:	VIR, RUS			donor:	Przybylska	Author:
Other information:	EPVII					
mutations:	2.4	Albumin a				
Wt	16077 W1	Ra	77714/08	L	PO	K
Name:	VIR 302				yob/yinc:	01 / 02
Origin:	RUS			donor:	Przybylska	Author:
Other information:	EPVII					
mutations:	2.4	Albumin a				

PISUM COLLECTION WIATROWO – MUTATION GROUPS

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2 Physiological characters

5 Miscellaneous

7 października 2013

					CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	12137 W1	2137	Ra	77339/01	L	MU	K	
Name:	wilty					yob/yinc:	79 / 80	
Origin:	Del Monte * 557 Amia				donor:	Blixt	Author:	
Other information:								
mutations:	2.5	wilty			wil			

3 Seed characters

1 Shape of seed testa

7 października 2013

					CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	10019	Wl	19	Ra	76695/99	L	SE	K
Name: Tedins 29/124						yob/yinc: 79 / 80		
Origin: Glano						donor: Blixt		Author:
Other information:								
mutations: 3.1						Qua		
	3.1	planatus			pla			
	3.6				f,fs			
	3.7	furca			z			
	8.8	flower number			Fn,fna			
Wt	10232	Wl	232	Ra	75395	L	SE	K
Name: de Winton						yob/yinc: 79 / 80		
Origin:						donor: Blixt		Author:
Other information:								
mutations: 3.1						qua		
	5.5	stipule reduced			st			
	8.3	alae keel-like			k			
Wt	10245	Wl	100	Ra	76705/99	L	CV	K
Name: Bohnenerbse						yob/yinc: /		
Origin: Germany						donor: Blixt		Author:
Other information:								
mutations: 3.1						fabiformae		
Wt	10462	Wl	462	Ra	76746/99	L	MU	K
Name: serratus						yob/yinc: 79 / 80		
Origin: L58 * L234						donor: Blixt		Author: Lamprecht
Other information:								
mutations: 3.1						corrugatus		
					foe			

3 Seed characters

1 Shape of seed testa

7 października 2013

					CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	11080 Wl	1080	Ra	77768/04	L	XD	K	
Name: K.747					yob/yinc:		79 / 80	
Origin: L 578 * L 741					donor:	Blixt	Author:	Lamprecht
Other information: JI 56								
mutations:	3.1	comprimere			com			
	3.7	ventriosus			ve			
	3.7				Cal			
	5.5	contrahere			cont			
	8.1	superobscurum			sob			
	8.4				Pafl			
	9.2	contractivus			cotr			
	9.2	tenuis			teu			
Wt	11225 Wl	1225	Ra	76964/99	L	MU	K	
Name: White ident					yob/yinc:		79 / 80	
Origin: SWE					donor:	Blixt	Author:	
Other information:								
mutations:	3.1	lacunosus			di			
Wt	11226 Wl	1226	Ra	77324/01	L	MU	K	
Name: Crimson rose					yob/yinc:		79 / 80	
Origin: SWE					donor:	Blixt	Author:	
Other information:								
mutations:	3.1	impremere			l			
	3.1	foveatus			fov			
Wt	11240 Wl	1240	Ra	76567/97	L	MU	K	
Name: gray radicula					yob/yinc:		79 / 80	
Origin: L 19 * L 607					donor:	Blixt	Author:	
Other information:								
mutations:	3.1	foveatus			sul			
	3.5	salmoneus			sal			
	3.6	radicula grisea			rag			
Wt	11249 Wl	1249	Ra	76785/99	L	XD	K	
Name: K.651					yob/yinc:		79 / 80	
Origin: L578 * L614					donor:	Blixt	Author:	Lamprecht
Other information:								
mutations:	3.1	minute-foveatus			mifo			
	3.7				ca			
	3.7	calvitium			cat			

3 Seed characters

1 Shape of seed testa

7 października 2013

					CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	11250 Wl		Ra		L	XD	K	
Name: Gty - recomb.					yob/yinc:		07 / 09	
Origin: K.3064					donor:	Swiecicki	Author:	Swiecicki
Other information: Arg,art1,wlo,Pl								
mutations: 3.1 Gritty								
Wt	11293 Wl	1293	Ra	77668/08	L	CO	K	
Name: P. elatius - form					yob/yinc:		79 / 80	
Origin: Jordan-valley					donor:	Blixt	Author:	
Other information: Ast								
mutations: 3.1 Gritty					Gty			
3.3 Hilum major					Him			
8.1 Keel coloured					Kp,Kpa			
9.1 Neoplastic pod					Np			
9.1 Dehiscing					Dpo			
9.3 stria rubra					sru,srub			
9.3 rubropulvis					rup,rups			
Wt	11464 Wl	1464	Ra	76799/99	L	MU	K	
Name: griseolivaceus					yob/yinc:		79 / 80	
Origin: Parvus					donor:	Blixt	Author:	Blixt
Other information:								
mutations: 3.1					Foe			
3.2 reduced tgw					par			
3.5 griseolivaceus					oli			

3 Seed characters

2 Size, number, weight

7 października 2013

					CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	11321	W1	1321	Ra	77330/01	L	XD	K
Name:		K.1195		yob/yinc:		79 / 80		
Origin:		L587 * L1129		donor:		Blixt	Author: Lamprecht	
Other information:								
mutations:		3.2		Sg-2				
Wt	11464	W1	1464	Ra	76799/99	L	MU	K
Name:		griseolivaceus		yob/yinc:		79 / 80		
Origin:		Parvus		donor:		Blixt	Author: Blixt	
Other information:								
mutations:		3.1		Foe				
		3.2		reduced tgw		par		
		3.5		griseolivaceus		oli		
Wt	15063	W1	5063	Ra		L	MU	K
Name:		chlorotica		yob/yinc:		79 / 80		
Origin:		Weitor		donor:		Blixt	Author: Blixt	
Other information:								
mutations:		3.2		seed size and weight		sg-2		
		6.2		chlorotica		chi-6		
		9.2		twisted pod		twp		
Wt	16097	W1	6097	Ra	77361/01	L	MU	K
Name:		fasciata		yob/yinc:		79 / 80		
Origin:		Dippes Gelbe Victoria		donor:		Blixt	Author: Gottschalk	
Other information:								
mutations:		3.2		seed size and weight		sg-1		

3 Seed characters

3 Hilum and testa other than colour

7 października 2013

					CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	10005	W1	5 Ra	76917/99	L	CV	K	
Name: chenille					yob/yinc: 79 / 80			
Origin:					donor: Blixt	Author: FRA, Vilmorin		
Other information:								
mutations:	3.3	chenille			s			
	3.5	testa reddish-brown			oh			
	5.1	wix-cerata			wb			
	5.4	insecatus			ins			
	6.1	viridis			pa,vim			
Wt	10105	W1	105 Ra	75288	L	MU	K	
Name: Naddbo					yob/yinc: 79 / 80			
Origin:					donor: Blixt	Author:		
Other information:								
mutations:	3.3	Tragacanthum			Tra			
	5.3	folia oblonga			fo,fob,fol			
	9.1	pod-wall thick			n			
Wt	10372	W1	1466 Ra	76728/99	L	XD	K	
Name:					yob/yinc: 83 / 84			
Origin: L 1465 * L 21					donor: Blixt	Author: Blixt		
Other information:								
mutations:	3.3	Hilum black						
Wt	10378	W1	378 Ra	75728	L	LR	K	
Name: Graart					yob/yinc: /			
Origin:					donor: Blixt	Author: Akerberg		
Other information:								
mutations:	3.3	Hilum black			Pl			
	3.6	Violaceopunctata			Fs>ex			
Wt	10381	W1	0 Ra	76730/99	L	XD	K	
Name: Niosypujacy					yob/yinc: 83 / 84			
Origin: LU-Niosypujacy * Jupiter, F5					donor: Swiecicki	Author: Swiecicki		
Other information:								
mutations:	3.3	funiculus strong						

3 Seed characters

3 Hilum and testa other than colour

7 października 2013

				CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	11293 Wl	1293	Ra	77668/08	L	CO	K
Name: P. elatius - form					yob/yinc:		79 / 80
Origin: Jordan-valley					donor:	Blixt	Author:
Other information: Ast							
mutations:							
3.1	Gritty			Gty			
3.3	Hilum major			Him			
8.1	Keel coloured			Kp,Kpa			
9.1	Neoplastic pod			Np			
9.1	Dehiscing			Dpo			
9.3	stria rubra			sru,srub			
9.3	rubropulvis			rup,rups			
Wt	11900 Wl	0	Ra	75606	L	XD	K
Name: Nieospajuszczyjsja					yob/yinc:		79 / 83
Origin: SUN					donor:		Author:
Other information:							
mutations: 3.3 funiculum connected							
				def			
Wt	11901 Wl		Ra	76822/99	V	CV	K
Name: Tenaks					yob/yinc:		89 / 90
Origin: SUN,Voroshilovgrad					donor:	WIR 7347	Author:
Other information:							
mutations: 3.3 funiculum connected							
Wt	11902 Wl		Ra	76823/99	V	CV	K
Name: Donbas					yob/yinc:		89 / 90
Origin: SUN,Voroshilovgrad					donor:	WIR 7423	Author:
Other information:							
mutations: 3.3 funiculum connected							
Wt	11903 Wl		Ra	76824/99	V	CV	K
Name: Nieospajuszczyjsja - 1					yob/yinc:		89 / 90
Origin: SUN,Voroshilovgrad					donor:	WIR 6995	Author:
Other information:							
mutations: 3.3 funiculum connected							
Wt	11904 Wl		Ra	76582/97	V	CV	K
Name: Priekulskej-2291					yob/yinc:		89 / 90
Origin: SUN,Latvian					donor:	WIR 6969	Author:
Other information:							
mutations: 3.3 funiculum connected							

3 Seed characters

3 Hilum and testa other than colour

7 października 2013

				CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	11906 W1	Ra	76825/99	E	CO	K	
Name: VIR 8242				yob/yinc:		91 / 92	
Origin: SUN, Woroshilovgrad				donor:		Author:	
Other information:							
mutations:		3.3 funiculum connected					
Wt	11907 W1	Ra	76676/98	E	CO	K	
Name: VIR 8251				yob/yinc:		91 / 92	
Origin: SUN, Kursk Region				donor:		Author:	
Other information:							
mutations:		3.3 funiculum connected					
Wt	11908 W1	Ra	76441/95	V	CV	K	
Name: Bitenax				yob/yinc:		95 / 95	
Origin:				donor: POL, IHAR		Author:	
Other information:							
mutations:		3.3 funiculum connected					
Wt	11909 W1	Ra	76915/99	L	XD	K	
Name: def-recomb.				yob/yinc:		95 / 96	
Origin: K.1345				donor: Swiecicki		Author: Swiecicki	
Other information: def chi5							
mutations:		3.3 funiculum connected					
Wt	16046 W1	Ra	77054/99	L	XD	K	
Name: M 601				yob/yinc:		97 / 99	
Origin: USA, W6 15510				donor: Pullman		Author: Marx	
Other information: Gty pl EPI Gpi/m							
mutations:		3.3 Gritty					

3 Seed characters

4 Colour of testa, not hypostatic to

7 października 2013

					CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	10180 W1	180	Ra	76407/95	L	CO	K	
Name:	arvense					yob/yinc:	79 / 80	
Origin:	HUN (south)				donor:	Blixt	Author:	
Other information:								
mutations:	2.4				lap>s			
	3.4	Marmoreus			M			
	8.1				A			
Wt	10379 W1	379	Ra	76551/97	L	XD	K	
Name:	griseostriata					yob/yinc:	79 / 80	
Origin:	W.Ambrosia * Extra Rapid				donor:	Blixt	Author:	Akerberg
Other information:								
mutations:	3.4	griseostriata			gri			
Wt	10774 W1	774	Ra	76553/97	L	XD	K	
Name:	K.256					yob/yinc:	79 / 80	
Origin:	L 19 * L 241				donor:	Blixt	Author:	Lamprecht
Other information:								
mutations:	3.4	brunneostriata			str			
Wt	10775 W1	974	Ra	76554/97	L	XD	K	
Name:	K.424					yob/yinc:	79 / 80	
Origin:	L 19 * L 577				donor:	Blixt	Author:	Lamprecht
Other information:								
mutations:	3.4	brunneostriata, radicula grisea						
Wt	10778 W1	1236	Ra	76758/99	L	XD	K	
Name:	K.807					yob/yinc:	79 / 80	
Origin:	L620 * L784				donor:	Blixt	Author:	Lamprecht
Other information:								
mutations:	3.4	brunneostriata, furca, griseostriata						
Wt	11753 W1	1753	Ra	76985/99	L	SE	K	
Name:	Rec. a-segregant					yob/yinc:	79 / 80	
Origin:	L 1418				donor:	Blixt	Author:	
Other information:								
mutations:	3.4				a,M			

3 Seed characters

5 Colour of testa, hypostatic to a

7 października 2013

				CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	10005 Wl	5 Ra	76917/99	L	CV	K	
Name:	chenille				yob/yinc:	79 / 80	
Origin:				donor:	Blixt	Author:	FRA, Vilmorin
Other information:							
mutations:	3.3	chenille		s			
	3.5	testa reddish-brown		oh			
	5.1	wix-cerata		wb			
	5.4	insecatus		ins			
	6.1	viridis		pa,vim			
Wt	11240 Wl	1240 Ra	76567/97	L	MU	K	
Name:	gray radicula				yob/yinc:	79 / 80	
Origin:	L 19 * L 607			donor:	Blixt	Author:	
Other information:							
mutations:	3.1	foveatus		sul			
	3.5	salmonaeus		sal			
	3.6	radicula grisea		rag			
Wt	11256 Wl	1256 Ra		L	CO	K	
Name:	P. fulvum				yob/yinc:	72 / 73	
Origin:	Asia Minor			donor:	Blixt	Author:	
Other information:							
mutations:	3.5	Umbra		Umb			
	8.1	Clariluteus, Cereus		Cit,Cm			
	9.3	Astriatus		Astr			
Wt	11289 Wl	1289 Ra	76788/99	L	XD	K	
Name:	K.1060				yob/yinc:	79 / 80	
Origin:	L 22 * L 980			donor:	Blixt	Author:	Lamprecht
Other information:							
mutations:	3.5	ochraceus		och			
Wt	11464 Wl	1464 Ra	76799/99	L	MU	K	
Name:	griseolivaceus				yob/yinc:	79 / 80	
Origin:	Parvus			donor:	Blixt	Author:	Blixt
Other information:							
mutations:	3.1			Foe			
	3.2	reduced tgw		par			
	3.5	griseolivaceus		oli			

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3 Seed characters

5 Colour of testa, hypostatic to a

7 października 2013

					CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	11519 W1	1519	Ra	75758/88	L	XD	K	
Name: K.1366						yob/yinc: 79 / 80		
Origin: L 1080 * L 1240					donor: Blixt	Author: Lamprecht		
Other information:								
mutations: 3.5					Olv			
Wt	15366 W1	5366	Ra		L	MU	K	
Name: costata						yob/yinc: 79 / 80		
Origin: Weitor					donor: Blixt	Author: Blixt		
Other information:								
mutations: 3.5		pallidolivaceus			olv			

3 Seed characters

6 Colour of testa, patterns, hypostatic to 7 października 2013

					CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	10019	Wl	19 Ra	76695/99	L	SE	K	
Name: Tedins 29/124					yob/yinc:		79 / 80	
Origin: Glano					donor:	Blixt	Author:	
Other information:								
mutations: 3.1					Qua			
3.1 planatus					pla			
3.6					f,fs			
3.7 furca					z			
8.8 flower number					Fn,fna			
Wt	10022	Wl	22 Ra	77644/08	L	SE	K	
Name: Tedins 26/73					yob/yinc:		79 / 80	
Origin: SWE, Svalof 0881					donor:	Blixt	Author:	
Other information: JI 118								
mutations: 3.6 radicula ochracea					gl			
8.1 clariroseus					b			
Wt	10025	Wl	25 Ra	76918/99	L	MU	K	
Name: caerulicans					yob/yinc:		79 / 80	
Origin: Kajanus Rodart					donor:	Blixt	Author: Tedin	
Other information:								
mutations: 3.6 Violaceopunctata					Fs, f			
8.1 caerulicans					ar			
Wt	10118	Wl	118 Ra	75715	L	CV	K	
Name: Extra Rapid					yob/yinc:		79 / 80	
Origin: Rapid					donor:	Blixt	Author: Weibulls Hammarslund	
Other information:								
mutations: 3.6 Violaceopunctata					F			
Wt	10234	Wl	234 Ra	76048/94	L	LR	K	
Name: P. arvense					yob/yinc:		79 / 80	
Origin: Rasmusson					donor:	Blixt	Author:	
Other information:								
mutations: 3.6 violet testa					U>st			
Wt	10378	Wl	378 Ra	75728	L	LR	K	
Name: Graart					yob/yinc:		/	
Origin:					donor:	Blixt	Author: Akerberg	
Other information:								
mutations: 3.3 Hilum black					Pl			
3.6 Violaceopunctata					Fs>ex			

3 Seed characters

6 Colour of testa, patens, hypostatic to 7 października 2013

					CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	10578 W1	578	Ra	77314/01	L	XD	K	
Name: K.246					yob/yinc:		79 / 80	
Origin: L 19 * L 232					donor:	Blixt	Author:	Lamprecht
Other information: JI 793								
mutations: 3.6					rf			
3.7 pallens					pal			
8.8 praecidere					pr,Pre,Dt			
Wt	10582 W1	582	Ra	77658/08	L	LR	K	
Name: Dark violet					yob/yinc:		79 / 80	
Origin: GBR					donor:	Blixt	Author:	
Other information:								
mutations: 3.6 violet testa					U			
Wt	10592 W1	592	Ra	76942/99	L	XD	K	
Name: K.224					yob/yinc:		79 / 80	
Origin: L 22 * L 206					donor:	Blixt	Author:	Lamprecht
Other information:								
mutations: 3.6 corona					cor			
Wt	10658 W1	658	Ra	76752/99	L	CV	K	
Name: Osterlen					yob/yinc:		79 / 80	
Origin: GBR					donor:	Blixt	Author:	Hammenhogs
Other information:								
mutations: 3.6					u			
Wt	10805 W1	805	Ra	76050/95	L	CO	K	
Name: P. elatius					yob/yinc:		79 / 80	
Origin: Anatolien					donor:	Blixt	Author:	
Other information:								
mutations: 3.6 Obscuratum					Obs			
Wt	11017 W1	1017	Ra	76590/97	L	XD	K	
Name: K.424					yob/yinc:		79 / 80	
Origin: L 19 * L 577					donor:	Blixt	Author:	Lamprecht
Other information:								
mutations: 3.6 Radicula fusca					Rf			

3 Seed characters

6 Colour of testa, patterns, hypostatic to 7 października 2013

	CLASSIFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	11240 W1	1240 Ra	76567/97	L MU K
Name:	gray radicula	yob/yinc:	79 / 80	
Origin:	L 19 * L 607	donor:	Blixt	Author:
Other information:				
mutations:	3.1	foveatus	sul	
	3.5	salmonus	sal	
	3.6	radicula grisea	rag	

3 Seed characters

7 Colour of testa, hypostatic to a,a-z-mp 7 października 2013

					CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	10019	W1	19 Ra	76695/99	L	SE	K	
Name: Tedins 29/124					yob/yinc:		79 / 80	
Origin: Glano					donor: Blixt		Author:	
Other information:								
mutations: 3.1					Qua			
3.1 planatus					pla			
3.6					f,fs			
3.7 furca					z			
8.8 flower number					Fn,fna			
Wt	10021	W1	21 Ra	75069	L	SE	K	
Name: H.Tedins 29/311					yob/yinc:		79 / 80	
Origin: SWE, Svalof					donor: Blixt		Author:	
Other information:								
mutations: 3.7 furca					mp			
Wt	10578	W1	578 Ra	77314/01	L	XD	K	
Name: K.246					yob/yinc:		79 / 80	
Origin: L 19 * L 232					donor: Blixt		Author: Lamprecht	
Other information: JI 793								
mutations: 3.6					rf			
3.7 pallens					pal			
8.8 praecidere					pr,Pre,Dt			
Wt	10776	W1	Ra		L	XD	K	
Name: fa2-recomb.					yob/yinc:		11 / 13	
Origin: K.3322					donor: Swiecicki		Author: Swiecicki	
Other information: fa2 cov R/r								
mutations: 4.3 fasciata								
Wt	10779	W1	1303 Ra	75729	L	XD	K	
Name: K.821					yob/yinc:		79 / 80	
Origin: L741 * L785					donor: Blixt		Author: Lamprecht	
Other information:								
mutations: 3.7 furca								
Wt	10780	W1	Ra		L	XD	K	
Name: fa2-recomb.					yob/yinc:		11 / 13	
Origin: K-3321					donor: Swiecicki		Author: Swiecicki	
Other information: fa2 det (branches)								
mutations: 4.3 fasciata								

3 Seed characters

7 Colour of testa, hypostatic to a,a-z-mp 7 października 2013

				CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	10781 W1	781	Ra	76759/99	L	XD	K
Name: K.930							
Origin: SWE							
Other information:							
mutations: 3.7 furca							
Wt	10782 W1		Ra		L	XD	K
Name: fa2-recomb.							
Origin: K-3366							
Other information: fa2 art2							
mutations: 4.3 fasciata							
Wt	10857 W1	857	Ra	76762/99	L	XD	K
Name: K.325							
Origin: L 19 * L 388							
Other information:							
mutations: 3.7 deminutio dem							
Wt	10937 W1		Ra	76765/99	L	XD	K
Name: seeds decoloured							
Origin: K.911							
Other information:							
mutations: 3.7							
Wt	10939 W1		Ra	76655/98	L	XD	K
Name: seeds decoloured							
Origin: K.872							
Other information: Orc							
mutations: 3.7							
Wt	10940 W1		Ra	76656/98	L	XD	K
Name: seeds decoloured							
Origin: K. 1051							
Other information: pl							
mutations: 3.7							
Wt	10941 W1		Ra	76657/98	L	XD	K
Name: seeds decoloured							
Origin: K. 1051							
Other information:							
mutations: 3.7							

3 Seed characters

7 Colour of testa, hypostatic to a,a-z-mp 7 października 2013

			CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	10942 W1	Ra	76658/98	L	XD	K
Name: seeds decoloured						
Origin: K. 1051						
Other information:						
mutations: 3.7						
Wt	10943 W1	Ra	76659/98	L	XD	K
Name: seeds decoloured						
Origin: K. 1051						
Other information:						
mutations: 3.7						
Wt	10944 W1	Ra	76660/98	L	XD	K
Name: seeds decoloured						
Origin: K. 1018						
Other information:						
mutations: 3.7						
Wt	10945 W1	Ra	76661/98	L	XD	K
Name: seeds decoloured						
Origin: K. 1021						
Other information:						
mutations: 3.7						
Wt	10946 W1	Ra	76766/99	L	XD	K
Name: seeds decoloured						
Origin: K.1021						
Other information:						
mutations: 3.7						
Wt	11080 W1	1080 Ra	77768/04	L	XD	K
Name: K.747						
Origin: L 578 * L 741						
Other information: JI 56						
mutations:	3.1	comprimere		com		
	3.7	ventriosus		ve		
	3.7			Cal		
	5.5	contrahere		cont		
	8.1	superobscurum		sob		
	8.4			Pafl		
	9.2	contractivus		cotr		
	9.2	tenuis		teu		

3 Seed characters

7 Colour of testa, hypostatic to a,a-z-mp 7 października 2013

					CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	11138 W1	1138	Ra	77665/08	L	XD	K	
Name: K.577								
Origin: L642 * L659								
Other information: JI 2701								
mutations: 3.7 calvitium								
3.7								
cal								
Pal								
Wt	11162 W1	973	Ra	76777/99	L	XD	K	
Name: K.424								
Origin: L19 x L577								
Other information: Pur Anf decol.seeds								
mutations: 3.7 furca								
Wt	11163 W1	1040	Ra	76662/98	L	XD	K	
Name: K.723								
Origin: L145 x L578								
Other information: decoloured seeds								
mutations: 3.7 furca								
Wt	11164 W1		Ra		L	XD	K	
Name: crw-recomb.								
Origin: K.3167								
Other information: crw af aero i								
mutations: 8.1 cream wings								
Wt	11249 W1	1249	Ra	76785/99	L	XD	K	
Name: K.651								
Origin: L578 * L614								
Other information:								
mutations: 3.1 minute-foveatus								
3.7								
3.7 calvitium								
Wt	11308 W1	1308	Ra	77329/01	L	XD	K	
Name: K.674								
Origin: L 646 * L 660								
Other information:								
mutations: 3.7 Caneo								
3.7								
4.2								
8.8 flower number								
Ca								
Cat								
Prae								
fn,Fna								

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3 Seed characters

7 Colour of testa, hypostatic to a,a-z-mp 7 października 2013

					CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	11314 Wl	1314	Ra	77670/08	L	XD	K	
Name:	K.1150					yob/yinc:	79 / 80	
Origin:	L978 * L1134				donor:	Blixt	Author:	Lamprecht
Other information:	JI 2707							
mutations:	3.7	lobata				lob		

3 Seed characters

8 Cotyledon characters

7 października 2013

				CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	10145 W1	145 Ra	76545/97	L	CO	K	
Name:	K.723				yob/yinc:	79 / 80	
Origin:	L 145 * L 578			donor:	Blixt	Author:	Lamprecht
Other information:							
mutations:	3.8	cotyledons green		i			
	8.8	distance, praecidere		dt,pre			
Wt	10200 W1	200 Ra	76699/99	L	CV	K	
Name:	Witham Wonder				yob/yinc:	79 / 80	
Origin:	SWE, Alnarp fnr.0702			donor:	Blixt	Author:	
Other information:							
mutations:	2.1			Lr			
	3.8	rugosus		r			
	4.2	internodes much longer		cry>c			
Wt	11140 W1	Ra	76773/99	L	XD	K	
Name:	Orc - recombinant				yob/yinc:	84 / 90	
Origin:	Wt11145 x W11393			donor:	Swiecicki	Author:	Swiecicki
Other information:	Orc orl D A						
mutations:	3.8	Orange cotyledons					
Wt	11141 W1	Ra	76145/96	L	XD	K	
Name:	Orc - recombinant				yob/yinc:	84 / 90	
Origin:	Wt11145 x W11393			donor:	Swiecicki	Author:	Swiecicki
Other information:	Orc Orl a						
mutations:	3.8	Orange cotyledons					
Wt	11145 W1	0 Ra	75842/88	L	CV	K	
Name:	Ren-shou-da bai van-dou				yob/yinc:	80 / 82	
Origin:	CHN, No 113			donor:	Nei Meng G	Author:	Acad. of Agri. Sci.
Other information:	Cistron						
mutations:	3.8	Orange cotyledon		Orc			
	6.11	orange leaves		orl			
Wt	11146 W1	0 Ra	76961/99	L	XD	K	
Name:	Orc, le-recombinant				yob/yinc:	86 / 86	
Origin:	Wt 11145 * Wt 3527, F4			donor:	Swiecicki	Author:	Swiecicki
Other information:							
mutations:	3.8	Orange cotyledon					

3 Seed characters

8 Cotyledon characters

7 października 2013

				CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	11148 Wl	0 Ra	75590	L	XD	K	
Name: Orc, le-recombinant							
Origin: Wt 11145* Wt 3527, F4							
Other information:							
mutations: 3.8 Orange cotyledon							
Wt	11152 Wl	Ra	76774/99	L	XD	K	
Name: Orc-recomb.							
Origin: K.500							
Other information: A D Idh/S orc							
mutations: 3.8							
Wt	11153 Wl	Ra	76560/97	L	XD	K	
Name: Orc-recomb.							
Origin: K.500							
Other information: A D Idh/F orc							
mutations: 3.8							
Wt	11154 Wl	Ra	76775/99	L	XD	K	
Name: Orc-recomb.							
Origin: K.500							
Other information: A Idh/F Orc							
mutations: 3.8							
Wt	11155 Wl	Ra	76561/97	L	XD	K	
Name: Orc-recomb.							
Origin: K.501							
Other information: A D Orc Idh/S							
mutations: 3.8 Orange cotyledons							
Wt	11156 Wl	Ra	76562/97	L	XD	K	
Name: Orc-recomb.							
Origin: K.501							
Other information: A d Orc Idh/F							
mutations: 3.8 Orange cotyledons							
Wt	11158 Wl	Ra	76776/99	L	PO	K	
Name: PI 143484							
Origin: IRN							
Other information: Orc^lo							
mutations: 3.8 Orange cotyledon							

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3 Seed characters

8 Cotyledon characters

7 października 2013

				CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	11159 Wl	Ra	76434/95	L	XD	K	
Name: Orc - recomb.				yob/yinc:		94 / 95	
Origin: K.925				donor:	Swiecicki	Author:	Swiecicki
Other information: Orc chi3							
mutations:		3.8	Orange cotyledons				
Wt	11165 Wl	Ra	76175/96	L	XD	K	
Name: seeds decoloured				yob/yinc:		95 / 96	
Origin: K.872				donor:	Swiecicki	Author:	Swiecicki
Other information:							
mutations:		3.8	Orange cotyledon				
Wt	11167 Wl	Ra	77323/01	L	XD	K	
Name: M 401				yob/yinc:		97 / 99	
Origin: USA, W6 15367				donor:	Pullman	Author:	Marx
Other information: Orc a							
mutations:		3.8	Orange cotyledon				
Wt	11395 Wl	1395 Ra	76978/99	L	XD	K	
Name: K.803				yob/yinc:		79 / 80	
Origin: L584 * L800				donor:	Blixt	Author:	Lamprecht
Other information:							
mutations:		3.8	glaucescens	gla			
Wt	11469 Wl	1469 Ra	76569/97	L	XD	H	
Name: K.1066				yob/yinc:		79 / 80	
Origin: L58 * L996				donor:	Blixt	Author:	Lamprecht
Other information:							
mutations:		3.8	alternum-marmorata	/mex			
Wt	11685 Wl	1685 Ra	76804/99	L	CV	K	
Name: Minnesota Early Sweet				yob/yinc:		79 / 80	
Origin: PI 210655/63				donor:	Blixt	Author:	
Other information:							
mutations:		3.8		R,rb			
Wt	11688 Wl	1688 Ra	76983/99	L	SE	K	
Name: l wr 33-5-3/65				yob/yinc:		79 / 80	
Origin:				donor:	Blixt	Author:	
Other information:							
mutations:		3.8	rugosus	r,rb			

4 Shoot system

1 Branching

7 października 2013

				CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	10010 W1	0 Ra	76694/99	L	MU	K	
Name: Tedins mutation				yob/yinc:		/ 71	
Origin: SWE				donor:		Author:	
Other information:							
mutations: 4.1		ramosus					
Wt	10253 W1	0 Ra	76924/99	L	XD	K	
Name: Flavanda * Krzaczysty				yob/yinc:		78 / 79	
Origin: POL				donor: Swiecicki		Author: Swiecicki	
Other information:							
mutations: 4.1		fruticosus					
Wt	10512 W1	Ra	77808/09	L	XD	K	
Name: rms-1 - recomb.				yob/yinc:		06 / 07	
Origin: K.2824				donor: Swiecicki		Author: Swiecicki	
Other information: rms-3 st b							
mutations: 4.1		ramosus					
Wt	10513 W1	Ra		L	XD	K	
Name: creep - recomb.				yob/yinc:		06 / 07	
Origin: K.2969				donor: Swiecicki		Author: Swiecicki	
Other information: creep py							
mutations: 4.1		creeping					
Wt	10590 W1	Ra		L	XD	K	
Name: rms-2 - recomb.				yob/yinc:		08 / 09	
Origin: K.2962				donor: Swiecicki		Author: Swiecicki	
Other information: aero af i							
mutations: 4.1		ramosus					
Wt	10591 W1	Ra		L	XD	K	
Name: rms-2 - recomb.				yob/yinc:		08 / 09	
Origin: K.3250				donor: Swiecicki		Author: Swiecicki	
Other information: af aero i Pur							
mutations: 4.1		ramosus					
Wt	10596 W1	Ra	77809/09	L	XD	K	
Name: rms-2 - recomb.				yob/yinc:		08 / 09	
Origin: K.3251				donor: Swiecicki		Author: Swiecicki	
Other information: am1 aero Pur							
mutations: 4.1		ramosus					

4 Shoot system

1 Branching

7 października 2013

					CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	10851 Wl	851	Ra	75071	L	MU	K	
Name: procumbens					yob/yinc:		79 / 80	
Origin: L 232 * L 470					donor:	Blixt	Author:	Lamprecht
Other information: EP I								
mutations: 2.4 Albumin a					Aba>A			
4.1 procumbens					pro			
4.1 fruticosus					fr,fru			
Wt	10852 Wl	0	Ra	76953/99	L	MU	K	
Name: fruticosus					yob/yinc:		80 / 81	
Origin: Paloma, 0.014%NEU, 175/7/81					donor:	Swiecicki	Author:	Swiecicki
Other information: rms5								
mutations: 4.1 fruticosus								
Wt	10936 Wl	936	Ra		E	CO	K	
Name: Population - 1 (P.humile)					yob/yinc:		79 / 80	
Origin: SYR					donor:	Blixt	Author:	Samuelsson
Other information:								
mutations: 4.1 Ascendens					Asc			
Wt	11180 Wl	1180	Ra	76779/99	L	MU	K	
Name: horizontalis					yob/yinc:		79 / 80	
Origin: HUN					donor:	Blixt	Author:	
Other information:								
mutations: 4.1 horizontalis					ho			
Wt	15235 Wl		Ra	77346/01	L	XD	K	
Name: rms-1 - recomb					yob/yinc:		97 / 98	
Origin: POL, K.1819					donor:	Swiecicki	Author:	Swiecicki
Other information: rms-1, st, b, M								
mutations: 4.1 ramosus								
Wt	15237 Wl	5237	Ra	76912/99	L	MU	K	
Name: ramosus					yob/yinc:		81 / 81	
Origin: Parvus					donor:	Blixt	Author:	Blixt
Other information: III chr								
mutations: 4.1 ramosus					rms-1			
Wt	15238 Wl		Ra		L	XD	K	
Name: rms4-recomb.					yob/yinc:		10 / 13	
Origin: id.989					donor:	Swiecicki	Author:	Swiecicki
Other information: rms4 wa chi5								
mutations: 4.1 ramosus								

4 Shoot system

1 Branching

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				CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	15239 W1	Ra	77679/08	L	XD	K	
Name: rms - recomb.				yob/yinc: 00 / 01			
Origin: K.1819				donor: Swiecicki	Author: Swiecicki		
Other information: rms1 st a							
mutations: 4.1 ramosus							
Wt	15240 W1	0 Ra	77191/00	L	MU	K	
Name: ramosus				yob/yinc: 81 / 81			
Origin: Kaliski, 0.014%NEU,3066/148/80				donor: Swiecicki	Author: Swiecicki		
Other information: rms1 - 5							
mutations: 4.1 ramosus							
Wt	15241 W1	0 Ra	77347/01	L	MU	K	
Name: ramosus				yob/yinc: 81 / 81			
Origin: Paloma, 0.014%NEU, 191/2/81				donor: Swiecicki	Author: Swiecicki		
Other information: rms5							
mutations: 4.1 ramosus							
Wt	15244 W1	0 Ra	76015/94	L	MU	K	
Name: ramosus				yob/yinc: 82 / 85			
Origin: Porta, 170r, Vienna,4/105				donor: Swiecicki	Author: Swiecicki		
Other information: V chr							
mutations: 4.1 ramosus				rms5			
Wt	15294 W1	Ra	77012/99	L	XD	K	
Name: rms-5 - recomb.				yob/yinc: 97 / 98			
Origin: POL, K.1617				donor: Swiecicki	Author: Swiecicki		
Other information: rms-5,gp							
mutations: 4.1 ramosus							
Wt	15823 W1	Ra		L	XD	K	
Name: creep - recomb.				yob/yinc: 08 / 09			
Origin: K.1462				donor: Swiecicki	Author: Swiecicki		
Other information: creep nlb ce r fs							
mutations: 4.1 creeping							
Wt	15824 W1	Ra		L	XD	K	
Name: creep-recomb.				yob/yinc: 07 / 09			
Origin: K.2633				donor: Swiecicki	Author: Swiecicki		
Other information: am3							
mutations: 4.1 creeping							

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1 Branching

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					CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	15859 Wl	5859	Ra	77026/99	L	MU	K	
Name: creeping					yob/yinc:		79 / 80	
Origin: Torsdag					donor:	Blixt	Author: SUN, Sidorova	
Other information:								
mutations: 4.1 creeping					creep			
Wt	15860 Wl	0	Ra	75738/95	L	XD	K	
Name: C 582-179-5					yob/yinc:		83 / 84	
Origin: creep, Fs, ce, len					donor:	Marx	Author: USA, Marx	
Other information: Testerline-5 chromos								
mutations: 4.1 creeping								
Wt	15862 Wl		Ra	77027/99	L	XD	K	
Name: creep-recombinant					yob/yinc:		90 / 94	
Origin: K.924(753/90)					donor:	Swiecicki	Author: POL, Swiecicki	
Other information: creep ce lt								
mutations: 4.1 creeping								
Wt	16013 Wl	6013	Ra		L	MU	K	
Name: ramosus					yob/yinc:		79 / 80	
Origin: Parvus					donor:	Blixt	Author: ITA, Monti	
Other information: JI 756								
mutations: 4.1 ramosus					ram, Repr.			
Wt	16051 Wl		Ra		L	MU	K	
Name: Sz-271					yob/yinc:		99 / 00	
Origin: cv. Solara					donor:	Murfet	Author: C. Rameau	
Other information:								
mutations: 4.1 ramosus					rms6			
Wt	16052 Wl		Ra	77816/09	L	MU	K	
Name: M35-475					yob/yinc:		99 / 00	
Origin: cv. Terese					donor:	Murfet	Author:	
Other information:								
mutations: 4.1 ramosus					rms7			
Wt	16053 Wl		Ra	77358/01	L	MU	K	
Name: K.524					yob/yinc:		99 / 00	
Origin:					donor:	Murfet	Author:	
Other information: chrI-upper								
mutations: 4.1 ramosus					rms2			

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1 Branching

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			CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	16054 W1	Ra	77359/01	L	MU	K
Name:	K.487				yob/yinc:	99 / 00
Origin:				donor:	Murfet	Author:
Other information:	chrII-upper					
mutations:	4.1	ramosus		rms3		
Wt	16055 W1	Ra	77692/08	L	MU	K
Name:	K.164				yob/yinc:	99 / 00
Origin:				donor:	Murfet	Author:
Other information:	chrVII					
mutations:	4.1	ramosus		rms4		
Wt	16056 W1	Ra	77693/08	L	XD	K
Name:	rms5-recomb.				yob/yinc:	98 / 00
Origin:	POL, K.1984			donor:	Swiecicki	Author: Swiecicki
Other information:	rms5 nec					
mutations:	4.1	ramosus				
Wt	16079 W1	Ra	77796/04	L	XD	K
Name:	rms3-recomb.				yob/yinc:	02 / 04
Origin:	K.2586			donor:	Swiecicki	Author: Swiecicki
Other information:	A rms3 k wb s					
mutations:	4.1	ramosus				
Wt	16080 W1	Ra		L	XD	K
Name:	rms-recomb.				yob/yinc:	04 / 05
Origin:	K.2714, POL			donor:	Swiecicki	Author: Swiecicki
Other information:	rms1 M st					
mutations:	4.1	ramosus				
Wt	16081 W1	Ra	77817/09	L	XD	K
Name:	rms-recomb.				yob/yinc:	04 / 05
Origin:	K.2587, POL			donor:	Swiecicki	Author: Swiecicki
Other information:	rms4 wa					
mutations:	4.1	ramosus				
Wt	16082 W1	Ra		L	XD	K
Name:	rms4-recomb.				yob/yinc:	11 / 13
Origin:	K.3375			donor:	Swiecicki	Author: Swiecicki
Other information:	rms4 wa chi5 def					
mutations:	4.1	ramosus				

4 Shoot system

2 Length and number of internodes

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				CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	10003 W1	0 Ra	77754/04	L	XD	K	
Name:	Nr 2			yob/yinc:		/ 75	
Origin:	brevi-internodium * afile			donor:	Jaranowski	Author:	POL, Jaranowski
Other information:							
mutations:	4.2	brevi-internodium					
Wt	10102 W1	102 Ra	77755/04	L	CV	K	
Name:	Acacia			yob/yinc:		79 / 80	
Origin:				donor:	Blixt	Author:	FRA, Vilmorin
Other information:							
mutations:	2.3	sterile nodes few		lf>d			
	4.2	brevi-internodium		le			
	5.2	clavicula		tl			
	5.7	aeromaculata		fl			
Wt	10200 W1	200 Ra	76699/99	L	CV	K	
Name:	Witham Wonder			yob/yinc:		79 / 80	
Origin:	SWE, Alnarp fnr.0702			donor:	Blixt	Author:	
Other information:							
mutations:	2.1			Lr			
	3.8	rugosus		r			
	4.2	internodes much longer		cry>c			
Wt	10239 W1	239 Ra	76546/97	L	SE	K	
Name:	de Haans slender			yob/yinc:		79 / 80	
Origin:	1402/1933			donor:	Blixt	Author:	
Other information:							
mutations:	4.2	internodes much longer		cry>s,la			
Wt	10479 W1	Ra	77655/08	L	MU	K	
Name:	apex densifolius			yob/yinc:		98 / 99	
Origin:	Tambo, 1.5mM SA			donor:	Swiecicki	Author:	Swiecicki
Other information:							
mutations:	4.2	apex densifolius					
Wt	10481 W1	Ra	77656/08	L	MU	K	
Name:	apex densifolius			yob/yinc:		98 / 99	
Origin:	Tambo, 1.5mM SA			donor:	Swiecicki	Author:	Swiecicki
Other information:							
mutations:	4.2	apex densifolius					

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2 Length and number of internodes

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				CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	10800 W1	Ra	76761/99	L	MU	K	
Name:	Pegro 13			yob/yinc:		93 / 95	
Origin:	ind. mut. Pegro			donor:	Swiecicki	Author:	Swiecicki
Other information:							
mutations:	4.2 internodes much longer						
Wt	10866 W1	866	Ra 76763/99	L	SE	K	
Name:				yob/yinc:		79 / 80	
Origin:	L 18751/1945			donor:	Blixt	Author:	
Other information:							
mutations:	4.2 internodes much longer			cry>s			
Wt	10868 W1	0	Ra 76764/99	L	MU	K	
Name:	internodes longer			yob/yinc:		81 / 81	
Origin:	Paloma, 200rNf/0.014%NEU			donor:	Swiecicki	Author:	Swiecicki
Other information:							
mutations:	4.2 internodes longer						
Wt	10873 W1	873	Ra	L	SE	K	
Name:	slender			yob/yinc:		79 / 80	
Origin:	L 1901/1945			donor:	Blixt	Author:	
Other information:							
mutations:	4.2 slender			cry>s,le,la			
Wt	10892 W1	0	Ra 75601	L	MU	K	
Name:	internodes much longer			yob/yinc:		81 / 81	
Origin:	Paloma, 200rNf/0.014%NEU			donor:	Swiecicki	Author:	Swiecicki
Other information:							
mutations:	4.2 internodes much longer						
Wt	10893 W1	0	Ra 77322/01	L	MU	K	
Name:	internodes much longer			yob/yinc:		81 / 81	
Origin:	Paloma, 200rNf/0.014%NEU			donor:	Swiecicki	Author:	Swiecicki
Other information:							
mutations:	4.2 internodes much longer						
Wt	10894 W1	0	Ra 76654/98	L	MU	K	
Name:	internodes much longer			yob/yinc:		81 / 82	
Origin:	Paloma, 200rNf/0.014%NEU			donor:	Swiecicki	Author:	Swiecicki
Other information:							
mutations:	4.2 internodes much longer						

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2 Length and number of internodes

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				CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	10895 W1	0 Ra	77662/08	L	MU	K	
Name: internodes much longer				yob/yinc:		82 / 85	
Origin: Paloma, 200rNf/0.014%NEU				donor:	Swiecicki	Author:	Swiecicki
Other information:							
mutations: 4.2 internodes much longer							
Wt	10897 W1	0 Ra	75835/88	L	MU	K	
Name: internodes much longer				yob/yinc:		82 / 85	
Origin: Porta, 200rNf, 1/13				donor:	Swiecicki	Author:	Swiecicki
Other information:							
mutations: 4.2 internodes much longer							
Wt	10898 W1	0 Ra	75836/88	L	MU	K	
Name: internodes much longer				yob/yinc:		82 / 85	
Origin: Porta, 200rNf, 1/27				donor:	Swiecicki	Author:	Swiecicki
Other information:							
mutations: 4.2 internodes much longer							
Wt	10899 W1	0 Ra	75837/88	L	MU	K	
Name: internodes much longer				yob/yinc:		82 / 85	
Origin: Porta, 350rNf, 2/80				donor:	Swiecicki	Author:	Swiecicki
Other information:							
mutations: 4.2 internodes much longer							
Wt	10900 W1	0 Ra	75838/88	L	MU	K	
Name: internodes much longer				yob/yinc:		82 / 85	
Origin: Porta, 500rNf, 3/18				donor:	Swiecicki	Author:	Swiecicki
Other information:							
mutations: 4.2 internodes much longer							
Wt	10901 W1	0 Ra	75839/88	L	MU	K	
Name: internodes much longer				yob/yinc:		82 / 85	
Origin: Porta, 350rNf, 2/42				donor:	Swiecicki	Author:	Swiecicki
Other information:							
mutations: 4.2 internodes much longer							
Wt	10902 W1	0 Ra	75840/88	L	MU	K	
Name: internodes much longer				yob/yinc:		82 / 85	
Origin: Porta, 350rNf, 2/73				donor:	Swiecicki	Author:	Swiecicki
Other information:							
mutations: 4.2 internodes much longer							

4 Shoot system

2 Length and number of internodes

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				CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	10903 W1	0 Ra	75841/88	L	MU	K	
Name: internodes much longer							
Origin: Porta, 500rNf, 3/19							
Other information:							
mutations: 4.2 internodes much longer							
Wt	10964 W1	0 Ra	76767/99	L	MU	K	
Name: brevi-internodium							
Origin: Kaliski, 500rNf/0.014%NEU							
Other information:							
mutations: 4.2 brevi-internodium							
Wt	11073 W1	1073 Ra	77664/08	L	XD	K	
Name: K.745							
Origin: L577 * L741							
Other information: JI 58							
mutations: 4.2 Mier,Mine							
4.2 Cona							
4.2 internodes longer coe							
4.2 brevi-internodium cot							
4.2 minuere mie,miu							
Wt	11233 W1	Ra	76965/99	L	XD	K	
Name: dnd - recombinant							
Origin: K.1136							
Other information: dnd M st							
mutations: 4.2 densinodosum							
Wt	11234 W1	Ra	77777/04	L	XD	K	
Name: dnd recomb.							
Origin: K. 1137							
Other information: dnd Arg art1 Pl							
mutations: 4.2 densinodosum							

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2 Length and number of internodes

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					CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	11238	Wl	1238	Ra	75073/95	L	XD	K
Name:		K.954		yob/yinc:		79 / 80		
Origin:		L 741 * L 851		donor:		Blixt		Author: SWE,Lamprecht
Other information: Testerline-1,2,3,5,7								
mutations: 2.4 Albumin a Aba>A Repr.								
4.2 brevi-internodium coh								
4.3 stem thickness t								
8.8 Bracteatus Bra								
9.3 Purple pods pur>b								
Wt	11239	Wl	5241	Ra	76783/99	L	MU	K
Name:		densinodosum		yob/yinc:		79 / 80		
Origin:		Weitor		donor:		Blixt		Author: Blixt
Other information:								
mutations: 4.2 densinodosum								
Wt	11242	Wl	0	Ra	76903/99	L	MU	K
Name:		densinodosum		yob/yinc:		81 / 81		
Origin:		Paloma, 200rNf/0.014%NEU		donor:		Swiecicki		Author: Swiecicki
Other information:								
mutations: 4.2 densinodosum								
Wt	11246	Wl		Ra	77327/01	L	XD	K
Name:		dnd-recomb.		yob/yinc:		98 / 00		
Origin:		POL, K.1864		donor:		Swiecicki		Author: Swiecicki
Other information: dnd pet								
mutations: 4.2 densinodosum								
Wt	11247	Wl		Ra		L	XD	K
Name:		crd-recomb.		yob/yinc:		02 / 05		
Origin:		K.2736, POL		donor:		Swiecicki		Author: Swiecicki
Other information: crd lf								
mutations: 4.2 densinodosum								
Wt	11248	Wl	0	Ra	77780/04	L	MU	K
Name:		densinodosum		yob/yinc:		81 / 81		
Origin:		Paloma, 200rNf/0.014%NEU		donor:		Swiecicki		Author: Swiecicki
Other information:								
mutations: 4.2 densinodosum								

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2 Length and number of internodes

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				CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	11251 W1	0 Ra	76966/99	L	MU	K	
Name: densinodosum							
Origin: Paloma, 200rNf/0.014%NEU							
Other information:							
mutations: 4.2 densinodosum							
Wt	11252 W1	0 Ra	76786/99	L	MU	K	
Name: densinodosum							
Origin: Paloma, 200rNf/0.014%NEU							
Other information:							
mutations: 4.2 densinodosum							
Wt	11253 W1	0 Ra	75922/89	L	MU	K	
Name: densinodosum							
Origin: Paloma, 0.014%NEU, 3064/123							
Other information:							
mutations: 4.2 densinodosum							
Wt	11254 W1	0 Ra	77667/08	L	MU	K	
Name: densinodosum							
Origin: Paloma, 0.014%NEU, 3064/399							
Other information:art?							
mutations: 4.2 densinodosum							
Wt	11255 W1	1255 Ra	76787/99	L	MU	K	
Name: nap							
Origin: L642 * L646							
Other information:							
mutations: 4.2 brevi-internodium cona							
4.2 Cot							
4.2 internodiolum prae							
4.2 minuere mier,mine							
4.2 Mie,Miu							
4.2 Coe							
4.3 T							
8.1 Intensifier Cv							
8.3 navicula apertus nap							

				2 Length and number of internodes	7 października 2013		
				CLASS	TYPE	MAINTENANCE	TYPE OF USAGE
				IFICATION			
Wt	11257 Wl	0 Ra	76147/96	L	MU	K	
Name: densinodosum elongata				yob/yinc:		82 / 85	
Origin: Paloma, 200rNf/0.014%NEU				donor:	Swiecicki	Author:	Swiecicki
Other information:							
mutations: 4.2 densinodosum							
Wt	11258 Wl	0 Ra	76967/99	L	MU	K	
Name: densinodosum				yob/yinc:		82 / 85	
Origin: Paloma, 0.014%NEU, 3064/252				donor:	Swiecicki	Author:	Swiecicki
Other information:							
mutations: 4.2 densinodosum							
Wt	11308 Wl	1308 Ra	77329/01	L	XD	K	
Name: K.674				yob/yinc:		79 / 80	
Origin: L 646 * L 660				donor:	Blixt	Author:	Lamprecht
Other information:							
mutations: 3.7 Caneo				Ca			
				Cat			
				Prae			
mutations: 8.8 flower number				fn,Fna			
Wt	11329 Wl	1329 Ra		L	MU	K	
Name: Microcryptodwarf				yob/yinc:		79 / 80	
Origin: SWE				donor:	Blixt	Author:	Lindqvist
Other information:							
mutations: 4.2 brevi-internodium				lm			
Wt	11766 Wl	1766 Ra	76986/99	L	XD	K	
Name: Wellensiek's early dwarf				yob/yinc:		79 / 80	
Origin: L 1768 * L 1769				donor:	Blixt	Author:	NLD, Wellensiek
Other information:							
mutations: 4.2 nana				na			
Wt	11769 Wl	1769 Ra	75732	L	MU	K	
Name: early tall				yob/yinc:		79 / 80	
Origin: L 1770				donor:	Blixt	Author:	NLD, Wellensiek
Other information:							
mutations: 2.3 sterile nodes 4-11				no			
mutations: 4.2				Na			

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2 Length and number of internodes

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			CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	16017 W1	Ra 77688/08	V	CV	K	
Name: Sparkle			yob/yinc: 89 / 92			
Origin: USA, Rogers Broth. Seed Co.			donor: LaRue, USA		Author:	
Other information:						
mutations: 10.1			Brz			
4.2			Lv			
7			Sym5 Sym13			
Wt	16019 W1	Ra	L	MU	K	
Name: R 62			yob/yinc: 89 / 92			
Origin: Sparkle, gamma			donor: LaRue, USA		Author: LaRue, B. Thomp.Inst	
Other information:						
mutations: 4.2 internodes much longer						
Wt	16020 W1	Ra 76573/97	L	MU	K	
Name: R 90			yob/yinc: 89 / 92			
Origin: Sparkle, gamma			donor: LaRue, USA		Author: LaRue, B.Thomp.Inst.	
Other information: Reid, PNL, 19						
mutations: 4.2 internodes much longer						
Wt	16025 W1	Ra 76576/97	L	MU	K	
Name: NEU 3			yob/yinc: 89 / 92			
Origin: Sparkle, NEU			donor: LaRue, USA		Author: LaRue, B.Thom. Inst.	
Other information:						
mutations: 4.2 internodes longer			lv			

4 Shoot system

3 Stem-formation

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				CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	10004 W1	0 Ra	76693/99	L	MU	K	
Name: Gottschalk 2				yob/yinc: 72 / 73			
Origin: DEU				donor: Gottschalk	Author: Gottschalk		
Other information:							
mutations: 4.3		dichotomous branching					
Wt	10006 W1	6 Ra	75394	L	SE	K	
Name: Mummy-pea				yob/yinc: 79 / 80			
Origin:				donor: Blixt	Author:		
Other information:							
mutations: 4.3		fasciata					
5.6		fa,fas					
		Td					
Wt	10007 W1	0 Ra	77293/01	L	MU	K	
Name: Paloma fasciata				yob/yinc: 79 / 79			
Origin: 500rNf/0.014%NEU				donor: Swiecicki	Author: Swiecicki		
Other information:							
mutations: 4.3		fasciata					
Wt	10008 W1	0 Ra	75823/88	L	MU	K	
Name: Stim				yob/yinc: /			
Origin: BGL				donor:	Author:		
Other information:							
mutations: 4.3		fasciata					
Wt	10209 W1	Ra	77756/04	L	XD	K	
Name: M 159				yob/yinc: 97 / 99			
Origin: USA, W6 15195				donor: Pullman	Author: Marx		
Other information: fa le i r a lf							
mutations: 4.3		fasciata					
Wt	10285 W1	Ra	76140/96	V	CV	K	
Name: Golf				yob/yinc: 89 / 89			
Origin: DEU,K.Behm,Hamburg				donor: COBORU	Author:		
Other information:							
mutations: 4.3		fasciata					
Wt	10300 W1	0 Ra	76931/99	L	MU	K	
Name: fasciata				yob/yinc: 82 / 85			
Origin: Paloma, 0.014%NEU, 3064/130				donor: Swiecicki	Author: Swiecicki		
Other information:							
mutations: 4.3		fasciata					

4 Shoot system

3 Stem-formation

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			CLASSIFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	10334 W1	Ra 77648/08	L	XD	K	
	Name: M 274			yob/yinc: 97 / 99		
	Origin: USA, W6 15289		donor: Pullman	Author: Marx		
	Other information: fa tl wlo A i r le					
	mutations: 4.3 fasciata					
Wt	10412 W1	Ra	L	XD	K	
	Name: fa - recomb.			yob/yinc: 08 / 09		
	Origin: K.2749		donor: Swiecicki	Author: Swiecicki		
	Other information: fas tl r u					
	mutations: 4.3 fasciata					
Wt	10467 W1	Ra 77301/01	L	XD	K	
	Name: M 160			yob/yinc: 97 / 99		
	Origin: USA, W6 15200		donor: Pullman	Author: Marx		
	Other information: fa a le i r					
	mutations: 4.3 fasciata					
Wt	10468 W1	Ra	L	XD	K	
	Name: M 337			yob/yinc: 97 / 99		
	Origin: USA, W6 15202		donor: Pullman	Author: Marx		
	Other information: fa a i le r					
	mutations: 4.3 fasciata					
Wt	10469 W1	Ra	L	XD	K	
	Name: M 548			yob/yinc: 97 / 99		
	Origin: USA, W6 15203		donor: Pullman	Author: Marx		
	Other information: fa a i le r					
	mutations: 4.3 fasciata					
Wt	10470 W1	Ra 77302/01	L	XD	K	
	Name: M 276			yob/yinc: 97 / 99		
	Origin: USA, W6 15291		donor: Pullman	Author: Marx		
	Other information: af/cr i A le r i fa					
	mutations: 4.3 fasciata					
Wt	10471 W1	Ra	L	XD	K	
	Name: M 159			yob/yinc: 97 / 99		
	Origin: USA, W6 15199		donor: Pullman	Author: Marx		
	Other information:					
	mutations: 4.3 fasciata					

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			CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	10472 W1	Ra	77303/01	L	XD	K
Name: M 274				yob/yinc:	97 / 99	
Origin: USA, W615289		donor:	Pullman	Author:	Marx	
Other information:						
mutations: 4.3		fasciata				
Wt	10473 W1	Ra	77654/08	L	XD	K
Name: M 275				yob/yinc:	97 / 99	
Origin: USA, W6 15290		donor:	Pullman	Author:	Marx	
Other information:						
mutations: 4.3		fasciata				
Wt	10475 W1	Ra	77304/01	L	MU	K
Name: fasciata				yob/yinc:	98 / 99	
Origin: Tambo, 1.5mM SA		donor:	Swiecicki	Author:	Swiecicki	
Other information: no coronatum						
mutations: 4.3		fasciata				
Wt	10487 W1	Ra	77312/01	L	XD	K
Name: fa-recomb.				yob/yinc:	99 / 00	
Origin: POL, K.2049		donor:	Swiecicki	Author:	Swiecicki	
Other information: fa led						
mutations: 4.3		fasciata				
Wt	10488 W1	Ra	77313/01	L	XD	K
Name: fa-recomb.				yob/yinc:	99 / 00	
Origin: POL, K.2046		donor:	Swiecicki	Author:	Swiecicki	
Other information: fa led n						
mutations: 4.3		fasciata				
Wt	10489 W1	Ra	77657/08	L	XD	K
Name: fas-recomb.				yob/yinc:	99 / 00	
Origin: POL, K.2050		donor:	Swiecicki	Author:	Swiecicki	
Other information: fas rms1						
mutations: 4.3		fasciata				
Wt	10783 W1	0 Ra	76760/99	L	MU	K
Name: Gottschalk 251A				yob/yinc:	83 / 84	
Origin: DEU		donor:	Gottschalk	Author:	Gottschalk	
Other information:						
mutations: 4.3		fasciata				

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				CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	10784 W1	0 Ra	75834/88	L	MU	K	
Name: Gottschalk 489C				yob/yinc:		83 / 84	
Origin: DEU				donor:	Gottschalk	Author:	Gottschalk
Other information:							
mutations: 4.3		fasciata					
Wt	10785 W1	0 Ra	76950/99	L	MU	K	
Name: Gottschalk 37B				yob/yinc:		83 / 84	
Origin: DEU				donor:	Gottschalk	Author:	Gottschalk
Other information: bif-1,full pen.PNL11							
mutations: 4.3		dichotomous stem branching					
Wt	10786 W1	0 Ra	76144/96	L	MU	K	
Name: Gottschalk R 177				yob/yinc:		83 / 84	
Origin: 489C * 1201A				donor:	Gottschalk	Author:	Gottschalk
Other information:							
mutations: 4.3		dichotomous stem branching					
		bif-1					
Wt	10787 W1	0 Ra	75599	V	CV	K	
Name: Novella				yob/yinc:		80 / 85	
Origin: USA				donor:	Beltsville	Author:	
Other information:							
mutations: 4.3		fasciata					
		5.2					
		afila					
Wt	10794 W1	794 Ra	76951/99	L	XD	K	
Name: K.437				yob/yinc:		79 / 80	
Origin: L 360 * L 478				donor:	Blixt	Author:	Lamprecht
Other information:							
mutations: 4.3		Fa,Fas					
Wt	11139 W1	Ra	76959/99	L	XD	K	
Name: A 1078-234				yob/yinc:		91 / 92	
Origin:				donor:	USA,Weeden	Author:	Marx
Other information: fa n gp							
mutations: 4.3		fasciata					

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					CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	11238	Wl	1238	Ra	75073/95	L	XD	K
Name: K.954						yob/yinc: 79 / 80		
Origin: L 741 * L 851						donor: Blixt	Author: SWE,Lamprecht	
Other information: Testerline-1,2,3,5,7								
mutations:	2.4	Albumin a			Aba>A Repr.			
	4.2	brevi-internodium			coh			
	4.3	stem thickness			t			
	8.8	Bracteatus			Bra			
	9.3	Purple pods			pur>b			
Wt	11255	Wl	1255	Ra	76787/99	L	MU	K
Name: nap						yob/yinc: 79 / 80		
Origin: L642 * L646						donor: Blixt	Author: Lamprecht	
Other information:								
mutations:	4.2	brevi-internodium			cona			
	4.2				Cot			
	4.2	internodiolum			prae			
	4.2	minuere			mier,mine			
	4.2				Mie,Miu			
	4.2				Coe			
	4.3				T			
	8.1	Intensifier			Cv			
	8.3	navicula apertus			nap			
Wt	12163	Wl	0	Ra	77002/99	L	MU	K
Name: Wyola 50079						yob/yinc: 82 / 86		
Origin:						donor: IHAR	Author:	
Other information:								
mutations:	4.3	fasciata						
Wt	12180	Wl		Ra		L	XD	K
Name: fa2-recomb						yob/yinc: 09 / 13		
Origin: K.3319						donor: Swiecicki	Author: Swiecicki	
Other information: fa2 gp								
mutations:	4.3	fasciata						
Wt	12181	Wl		Ra		L	XD	K
Name: fas - recomb.						yob/yinc: 06 / 09		
Origin: K.2737						donor: Swiecicki	Author: Swiecicki	
Other information: tac pet								
mutations:	4.3	fasciata						

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				CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	12182 W1	Ra	77812/09	L	XD	K	
Name: fa - recomb.				yob/yinc:		08 / 09	
Origin: K.3048				donor:	Swiecicki	Author:	Swiecicki
Other information: rms - 5							
mutations: 4.3 fasciata							
Wt	12185 W1	0 Ra	76851/99	L	MU	K	
Name: fasciata, irregular leaf shape				yob/yinc:		81 / 81	
Origin: Kaliski, 500rNf/0.014%NEU				donor:	Swiecicki	Author:	Swiecicki
Other information:							
mutations: 4.3 fasciata							
Wt	12186 W1	0 Ra	77341/01	L	MU	K	
Name: fasciata				yob/yinc:		81 / 81	
Origin: Paloma, 200rNf/0.014%NEU				donor:	Swiecicki	Author:	Swiecicki
Other information:							
mutations: 4.3 fasciata, coronatum							
Wt	12187 W1	1120 Ra	77003/99	L	XD	K	
Name: K.657				yob/yinc:		83 / 84	
Origin: L 578 * L 668				donor:	Blixt	Author:	Lamprecht
Other information:							
mutations: 4.3 fasciata							
Wt	16026 W1	Ra	77036/99	L	XD	K	
Name: det-recombinant				yob/yinc:		92 / 92	
Origin: K.910				donor:	Swiecicki	Author:	Swiecicki
Other information: det curl							
mutations: 4.3 determinate growth							
Wt	16039 W1	Ra	77179/00	L	XD	K	
Name: M 283				yob/yinc:		97 / 99	
Origin: USA, W6 15298				donor:	Pullman	Author:	Marx
Other information: det A D r							
mutations: 4.3 determinate growth							
Wt	16047 W1	Ra	77690/08	L	XD	K	
Name: M 368				yob/yinc:		97 / 99	
Origin: USA, W6 15347				donor:	Pullman	Author:	Marx
Other information: det r le							
mutations: 4.3 determinate growth							

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				CLASSIFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	16098 W1	Ra	77715/08	L	XD	K	
Name:					yob/yinc:	97 / 99	
Origin:	USA, W6 15183			donor:	Pullman	Author:	Marx
Other information:	det t l r le i b						
mutations:	4.3		determinate growth				
Wt	16099 W1	Ra	6099 79891/99	L	MU	K	
Name:	Epicotyle growth determinate				yob/yinc:	79 / 80	
Origin:	DEU			donor:	Blixt	Author:	Gottschalk
Other information:							
mutations:	4.3		epicotyle growth determinate	dim>a			
Wt	16100 W1	Ra	0 75739	L	MU	K	
Name:	determinate growth				yob/yinc:	82 / 85	
Origin:	Paloma, 200rNf/0.014%NEU			donor:	Swiecicki	Author:	Swiecicki
Other information:							
mutations:	4.3		determinate growth	det Repr.			
Wt	16103 W1	Ra	0 76893/99	L	SE	K	
Name:	Mummy-pea				yob/yinc:	84 / 86	
Origin:	JI 1358			donor:	Matthews	Author:	J.I. Institute
Other information:							
mutations:	4.3		determinate growth				
Wt	16108 W1	Ra	76907/99	L	XD	K	
Name:	det-recombinant				yob/yinc:	88 / 90	
Origin:	Wt11745 x Wt16100			donor:	Swiecicki	Author:	Swiecicki
Other information:	det wsp						
mutations:	4.3		determinate growth				

				CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	10005 W1	5 Ra	76917/99	L	CV	K	
Name:	chenille				yob/yinc:	79 / 80	
Origin:				donor:	Blixt	Author:	FRA, Vilmorin
Other information:							
mutations:	3.3	chenille		s			
	3.5	testa reddish-brown		oh			
	5.1	wix-cerata		wb			
	5.4	insecatus		ins			
	6.1	viridis		pa,vim			
Wt	10280 W1	0 Ra	76929/99	L	MU	K	
Name:	wix-cerata				yob/yinc:	82 / 85	
Origin:	Paloma, 200rNf/0.014%NEU			donor:	Swiecicki	Author:	Swiecicki
Other information:							
mutations:	5.1	wix-cerata					
Wt	10338 W1	0 Ra	75916/89	L	MU	K	
Name:	supra-incerata				yob/yinc:	82 / 85	
Origin:	Porta, 400rNf			donor:	Swiecicki	Author:	Swiecicki
Other information:							
mutations:	5.1	supra-incerata					
Wt	10339 W1	0 Ra	75830/88	L	MU	K	
Name:	supra-incerata				yob/yinc:	82 / 85	
Origin:	Paloma, 200rNf/0.014%NEU			donor:	Swiecicki	Author:	Swiecicki
Other information:							
mutations:	5.1	supra-incerata					
Wt	10340 W1	340 Ra	76647/98	L	CV	K	
Name:	Emerald Gem				yob/yinc:	79 / 80	
Origin:				donor:	Blixt	Author:	
Other information:							
mutations:	5.1	wix-cerata		wa			
Wt	10341 W1	341 Ra	75397	L	MU	K	
Name:	Teilwachs sig				yob/yinc:	79 / 80	
Origin:	English Wonder			donor:	Blixt	Author:	Nilsson
Other information:							
mutations:	5.1	supra-incerata		wlo			
	6.1	viridis		pa,Vim			

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1 Wax

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					CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	10344 W1	0 Ra	77298/01		L	MU	K	
Name: wax-less						yob/yinc:	81 / 81	
Origin: Paloma, 200rNf/0.014%,3063/68					donor:	Swiecicki	Author:	Swiecicki
Other information:								
mutations: 5.1 wax-less								
Wt	10345 W1	1514 Ra	75917/89		L	XD	K	
Name: K.1388						yob/yinc:	83 / 83	
Origin: L 58 * L 749					donor:	Blixt	Author:	SWE,Lamprecht
Other information: Test.line-6chr.wloPl								
mutations: 5.1 supra-incerata					wlo			
Wt	10360 W1	360 Ra	76724/99		L	CV	K	
Name: Johnssons British Empire						yob/yinc:	79 / 80	
Origin:					donor:	Blixt	Author:	
Other information:								
mutations: 5.1 subtus-incerata					wsp			
Wt	11340 W1	0 Ra	75070		L	MU	K	
Name: supra-incerata						yob/yinc:	81 / 81	
Origin: Paloma, 0.014%NEU,3064/270/80					donor:	Swiecicki	Author:	Swiecicki
Other information:								
mutations: 5.1 supra-incerata								
Wt	11346 W1	1267 Ra	76792/99		L	XD	K	
Name: K.645						yob/yinc:	83 / 84	
Origin: L 566 * L 670					donor:	Blixt	Author:	Lamprecht
Other information:								
mutations: 5.1 wix-cerata								
Wt	11349 W1	0 Ra	77782/04		L	MU	K	
Name: wix-cerata						yob/yinc:	81 / 81	
Origin: Paloma, 200rNf/0.014%,3063/252					donor:	Swiecicki	Author:	Swiecicki
Other information:								
mutations: 5.1 wix-cerata								
Wt	11350 W1	0 Ra	76973/99		L	MU	K	
Name: wix-cerata						yob/yinc:	81 / 81	
Origin: Paloma, 200r/0.014%NEU, 198/81					donor:	Swiecicki	Author:	Swiecicki
Other information:								
mutations: 5.1 wix-cerata								

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1 Wax

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					CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	11351 W1	0 Ra	75923/89		L	PO	K	
Name: Miejscowy z Ukrainy						yob/yinc:	83 / 85	
Origin: SUN				donor:	IHAR	Author:		
Other information:								
mutations: 5.1 wix-cerata								
Wt	11353 W1	1749 Ra	77671/08		L	XD	K	
Name: K.2294						yob/yinc:	82 / 85	
Origin: L 5096 * L 851				donor:	Blixt	Author:	Blixt	
Other information:								
mutations: 5.1 wix-cerata								
Wt	11364 W1	1364 Ra	76798/99		L	SE	K	
Name: Lamms L51						yob/yinc:	79 / 80	
Origin: 19007				donor:	Blixt	Author:		
Other information:								
mutations: 5.1 wix-cerata					was			
Wt	11371 W1	Ra			L	XD	K	
Name: was-recomb.						yob/yinc:	04 / 05	
Origin: K.2530, POL				donor:	Swiecicki	Author:	Swiecicki	
Other information: was led n								
mutations: 5.1 wix-cerata								
Wt	11775 W1	1775 Ra	76987/99		L	SE	K	
Name: A-67-167-15						yob/yinc:	79 / 80	
Origin: USA				donor:	Blixt	Author:	Marx	
Other information:								
mutations: 5.1 incerata					wel			
Wt	12136 W1	2136 Ra	76999/99		L	SE	H	
Name: D 575-271						yob/yinc:	79 / 80	
Origin: Marx				donor:	Blixt	Author:	Marx	
Other information:								
mutations: 5.1 incerata					/win			
Wt	12140 W1	0 Ra	77340/01		L	MU	K	
Name: cerosa						yob/yinc:	81 / 81	
Origin: Paloma,200rNf/0.014%NEU,124/81				donor:	Swiecicki	Author:	Swiecicki	
Other information:								
mutations: 5.1 cerosa								

5 Foliage and emergences

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				CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	10024 W1	0 Ra	75710	L	XD	K	
Name:	Nr 29				yob/yinc:	/ 75	
Origin:	afila * folia oblonga			donor:	Jaranowski	Author:	Jaranowski
Other information:							
mutations:	5.2	afila					
Wt	10032 W1	0 Ra	75711	L	XD	K	
Name:	Nr 44				yob/yinc:	/ 75	
Origin:	afila * Wiktoria Lagiewnicki			donor:	Jaranowski	Author:	Jaranowski
Other information:							
mutations:	5.2	afila					
Wt	10044 W1	0 Ra	76634/98	L	XD	K	
Name:	Nr 56				yob/yinc:	/ 75	
Origin:	afila * Wiktoria Lagiewnicki			donor:	Jaranowski	Author:	Jaranowski
Other information:							
mutations:	5.2	afila					
Wt	10049 W1	0 Ra	76692/99	L	XD	K	
Name:	Nr 61				yob/yinc:	/ 75	
Origin:	afila * Wiktoria Lagiewnicki			donor:	Jaranowski	Author:	Jaranowski
Other information:							
mutations:	5.2	afila					
Wt	10053 W1	0 Ra	76136/96	L	XD	K	
Name:	Nr 65				yob/yinc:	/ 75	
Origin:	afila * Wiktoria Lagiewnicki			donor:	Jaranowski	Author:	Jaranowski
Other information:							
mutations:	5.2	afila					
Wt	10057 W1	0 Ra	75910/89	L	XD	K	
Name:	Nr 69				yob/yinc:	/ 75	
Origin:	afila * Wiktoria Lagiewnicki			donor:	Jaranowski	Author:	Jaranowski
Other information:							
mutations:	5.2	afila					
Wt	10075 W1	0 Ra	76544/97	L	XD	K	
Name:	Nr 89				yob/yinc:	/ 75	
Origin:	afila * Zolty Pomorski			donor:	Jaranowski	Author:	Jaranowski
Other information:							
mutations:	5.2	afila					

Wt	CLASSIFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
10100 W1	Ra	V	CV	K
Name: Akord				
Origin: (Krc1095xEiffe)xEiffell				
Other information:				
mutations:				
5.2	afila			
10101 W1	Ra	V	CV	K
Name: Turnia				
Origin: POA478xWiato				
Other information:				
mutations:				
5.2	afila			
10102 W1	102 Ra	77755/04	L	CV
Name: Acacia				
Origin:				
Other information:				
mutations:				
2.3	sterile nodes few	lf>d		
4.2	brevi-internodium	le		
5.2	clavicula	tl		
5.7	aeromaculata	fl		
10103 W1	0 Ra	76635/98	L	XD
Name: Nr 115				
Origin: afila * Kujawski Wczesny				
Other information:				
mutations:				
5.2	afila			
10108 W1	0 Ra	76636/98	L	XD
Name: Nr 119				
Origin: afila * internodes longer				
Other information:				
mutations:				
5.2	afila			
10112 W1	0 Ra	76637/98	L	XD
Name: Nr 128				
Origin: afila * internodes longer				
Other information:				
mutations:				
5.2	afila			

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				CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	10114 W1	0 Ra	76638/98	L	XD	K	
	Name: Nr 130				yob/yinc:	/ 75	
	Origin: afile * internodes longer			donor:	Jaranowski	Author:	Jaranowski
	Other information:						
	mutations: 5.2		afile				
Wt	10117 W1	0 Ra	75714	L	XD	K	
	Name: Nr 133				yob/yinc:	/ 75	
	Origin: afile * internodes longer			donor:	Jaranowski	Author:	Jaranowski
	Other information:						
	mutations: 5.2		afile				
Wt	10119 W1	0 Ra	75716	L	XD	K	
	Name: Nr 134				yob/yinc:	/ 75	
	Origin: afile * internodes longer			donor:	Jaranowski	Author:	Jaranowski
	Other information:						
	mutations: 5.2		afile				
Wt	10123 W1	0 Ra	75717	L	XD	K	
	Name: Nr 137				yob/yinc:	/ 75	
	Origin: afile * internodes longer			donor:	Jaranowski	Author:	Jaranowski
	Other information:						
	mutations: 5.2		afile				
Wt	10126 W1	0 Ra	76639/98	L	XD	K	
	Name: Nr 140				yob/yinc:	/ 75	
	Origin: afile * latum			donor:	Jaranowski	Author:	Jaranowski
	Other information:						
	mutations: 5.2		afile				
Wt	10133 W1	0 Ra	75718	L	XD	K	
	Name: Nr 147				yob/yinc:	/ 75	
	Origin: afile * latum			donor:	Jaranowski	Author:	Jaranowski
	Other information:						
	mutations: 5.2		afile				
Wt	10136 W1	0 Ra	75719	L	XD	K	
	Name: Nr 150				yob/yinc:	/ 75	
	Origin: afile * latum			donor:	Jaranowski	Author:	Jaranowski
	Other information:						
	mutations: 5.2		afile				

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				CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	10143 W1	0 Ra	76640/98	L	XD	K	
Name: Nr 157				yob/yinc: / 75			
Origin: afile * latum				donor: Jaranowski	Author: Jaranowski		
Other information:							
mutations: 5.2 afile							
Wt	10156 W1	0 Ra	75720	L	XD	K	
Name: Nr 169				yob/yinc: / 75			
Origin: afile * Kosieczynska				donor: Jaranowski	Author: Jaranowski		
Other information:							
mutations: 5.2 afile							
Wt	10162 W1	0 Ra	75721	L	XD	K	
Name: Nr 175				yob/yinc: / 75			
Origin: afile * L 2/9				donor: Jaranowski	Author: Jaranowski		
Other information:							
mutations: 5.2 afile							
Wt	10164 W1	0 Ra	75722	L	XD	K	
Name: Nr 177				yob/yinc: / 75			
Origin: afile * L 2/9				donor: Jaranowski	Author: Jaranowski		
Other information:							
mutations: 5.2 afile							
Wt	10181 W1	0 Ra	75723	L	XD	K	
Name: Nr 5				yob/yinc: / 75			
Origin: L 3/4				donor: Jaranowski	Author: Jaranowski		
Other information:							
mutations: 5.2 clavícula							
Wt	10191 W1	0 Ra	76408/95	L	XD	K	
Name: Nr 34				yob/yinc: / 75			
Origin: clavícula * Kosieczynska				donor: Jaranowski	Author: Jaranowski		
Other information:							
mutations: 5.2 clavícula							
5.7 Anthocyanin margin							
Wt	10206 W1	0 Ra	77173/00	L	XD	K	
Name: Wasacz				yob/yinc: /			
Origin: USA				donor: Marx	Author: Marx		
Other information:							
mutations: 5.2 afile							

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				CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	10207 W1	0 Ra	75724	L	MU	K	
Name: Wasacz Wiatrowo				yob/yinc:		73 / 73	
Origin: Raman, 4000r X				donor:	Michalski	Author:	Michalski, Swiecicki
Other information:							
mutations: 5.2 afile							
Wt	10210 W1	0 Ra	76046/94	L	XD	K	
Name: Genetick Stock				yob/yinc:		/	
Origin: GBR				donor:	Snoad, JII	Author:	
Other information:							
mutations: 5.2 afile, clavícula							
Wt	10211 W1	0 Ra	77645/08	L	XD	K	
Name: Nowaja Forma				yob/yinc:		73 / 74	
Origin: SUN				donor:		Author:	
Other information:							
mutations: 5.2 afile, clavícula							
Wt	10212 W1	Ra	77175/00	L	XD	K	
Name: M 185				yob/yinc:		97 / 99	
Origin: USA, W6 15225				donor:	Pullman	Author:	Marx
Other information: apu st tac M b le i							
mutations: 5.2 petiolulatus							
Wt	10247 W1	Ra	77176/00	L	XD	K	
Name: M 226				yob/yinc:		97 / 99	
Origin: USA, W6 15247				donor:	Pullman	Author:	Marx
Other information: af apu tac b le er							
mutations: 5.2 afile							
Wt	10255 W1	0 Ra	75870/88	L	XD	K	
Name: afile				yob/yinc:		/	
Origin: Wasacz * WTD 3003				donor:	Swiecicki	Author:	Swiecicki
Other information: K							
mutations: 5.2 afile							
Wt	10256 W1	0 Ra	75727	L	XD	K	
Name: Nr 193				yob/yinc:		/ 75	
Origin:				donor:	Jaranowski	Author:	
Other information:							
mutations: 5.2 afile							

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				CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	10257 W1	0 Ra	75828/88	L	XD	K	
Name: Nr 55				yob/yinc: / 75			
Origin: afile * Wiktoria Lagiewnicki				donor: Jaranowski	Author:		
Other information:							
mutations: 5.2 afile							
Wt	10258 W1	0 Ra	76138/96	L	MU	K	
Name: Mutant 76/73				yob/yinc: /			
Origin:				donor:	Author:		
Other information:							
mutations: 5.2 afile							
Wt	10259 W1	0 Ra	77646/08	V	CV	K	FS
Name: Filby				yob/yinc: 80 / 80			
Origin: GBR				donor: Blixt	Author: Snoad, JII		
Other information:							
mutations: 5.2 afile							
Wt	10260 W1	0 Ra	76706/99	L	CV	K	FS
Name: Sum				yob/yinc: 79 / 80			
Origin: Porta * Wasata				donor: IHAR	Author: Starzycki, Kielpinski		
Other information:							
mutations: 5.2 afile							
Wt	10261 W1	0 Ra	76707/99	L	XD	K	FS
Name: PRC 541/77				yob/yinc: 80 / 80			
Origin: POL				donor: Kielpinski	Author: Kielpinski		
Other information:							
mutations: 5.2 afile							
Wt	10262 W1	0 Ra	76925/99	L	XD	K	FS
Name: 55/3				yob/yinc: 80 / 80			
Origin: POL				donor: Bialowas	Author: Bialowas, Sobotka		
Other information:							
mutations: 5.2 afile							
Wt	10265 W1	0 Ra	77647/08	L	MU	K	
Name: afile, fasciata				yob/yinc: 79 / 80			
Origin: Wb Fnr.1137/79				donor: Blixt	Author: Blixt		
Other information:							
mutations: 5.2 afile							

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				CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	10266 W1	Ra	77295/01	L	XD	K	
Name: M 259				yob/yinc:		97 / 99	
Origin: USA, W6 15276				donor:	Pullman	Author: Marx	
Other information: af tac sil Fl>w D>co							
mutations: 5.2 sinuate leaf							
Wt	10267 W1	0 Ra	75081	V	XD	K	FS
Name: Hamil				yob/yinc:		81 / 81	
Origin: Porta * (Wasata * 21/2)				donor:	IHAR	Author: Mikolajczyk	
Other information:							
mutations: 5.2 afile							
Wt	10268 W1	0 Ra	75086	V	CV	K	FS
Name: Wasata				yob/yinc:		82 / 82	
Origin: Induced mutant				donor:	IHAR	Author: Jaranowski	
Other information:							
mutations: 5.2 afile							
Wt	10269 W1	0 Ra	75914/89	L	XD	K	
Name: Misog-2: Conventional				yob/yinc:		83 / 83	
Origin: GBR, JI 1202				donor:	Matthews	Author: Marx	
Other information: isogenic - Af St Tl							
mutations: 5.2							
Wt	10270 W1	0 Ra	76926/99	L	XD	K	
Name: Misog-2: af				yob/yinc:		83 / 83	
Origin: GBR, JI 1203				donor:	Matthews	Author: Marx	
Other information: isogenic - af St Tl							
mutations: 5.2 afile							
Wt	10271 W1	0 Ra	77296/01	L	XD	K	
Name: Misog-2: st				yob/yinc:		83 / 83	
Origin: GBR, JI 1204				donor:	Matthews	Author: Marx	
Other information: isogenic - Af st Tl							
mutations: 5.2 stipules reduced							
Wt	10272 W1	0 Ra	76547/97	L	XD	K	
Name: Misog-2: tl				yob/yinc:		83 / 83	
Origin: GBR, JI 1205				donor:	Matthews	Author: Marx	
Other information: isogenic - Af St tl							
mutations: 5.2 clavícula							

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				CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	10274 W1	0 Ra	76927/99	L	XD	K	
Name: Misog-2: af, tl				yob/yinc:		83 / 83	
Origin: GBR, JI 1207				donor:	Matthews	Author:	Marx
Other information: isogenic - af St tl							
mutations: 5.2 afile							
5.2 clavicula							
Wt	10275 W1	0 Ra	76708/99	L	XD	K	
Name: Misog-2: tl, st				yob/yinc:		83 / 83	
Origin: GBR, JI 1208				donor:	Matthews	Author:	Marx
Other information: isogenic - Af st tl							
mutations: 5.2 stipules reduced							
5.2 clavicula							
Wt	10276 W1	0 Ra	76928/99	L	XD	K	
Name: Misog-2: af, st, tl				yob/yinc:		83 / 83	
Origin: GBR, JI 1209				donor:	Matthews	Author:	Marx
Other information: isogenic - af st tl							
mutations: 5.2 stipules reduced							
5.2 clavicula							
5.2 afile							
Wt	10278 W1	0 Ra	75596	V	CV	K	
Name: Legenda				yob/yinc:		84 / 84	
Origin: (Usatyj 5 * Porta) * Porta				donor:	Prusinowo	Author:	Kielpinski, Malcherek
Other information:							
mutations: 5.2 afile							
Wt	10281 W1	0 Ra	75082	V	CV	K	
Name: Mihan				yob/yinc:		85 / 85	
Origin: (Wasata*Biala)*Neugatersleben				donor:	IHAR	Author:	Mikolajczyk
Other information:							
mutations: 5.2 afile							
Wt	10282 W1	0 Ra	75083	V	CV	K	
Name: Milewska				yob/yinc:		85 / 85	
Origin: Gome * (Wasata * Biala)				donor:	IHAR	Author:	Mikolajczyk
Other information:							
mutations: 5.2 afile							

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				CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	10283 W1	0 Ra	75915/89	V	CV	K	
Name: Ramir				yob/yinc: 85 / 85			
Origin: Sum * Flavanda				donor: IHAR	Author: Styczynska,Starzycki		
Other information:							
mutations: 5.2		afila					
Wt	10288 W1	Ra	76710/99	V	CV	K	
Name: Fluo				yob/yinc: 95 / 95			
Origin:				donor: POL, IHAR	Author:		
Other information:							
mutations: 5.2		afila					
Wt	10289 W1	Ra	76711/99	L	XD	K	
Name: Ceb. 1439				yob/yinc: 94 / 95			
Origin:				donor:	Author:		
Other information:							
mutations: 5.2		afila					
Wt	10290 W1	Ra	76410/95	V	CV	K	
Name: Sandra				yob/yinc: 95 / 95			
Origin:				donor: POL, IHAR	Author:		
Other information:							
mutations: 5.2		afila					
Wt	10291 W1	0 Ra	76411/95	V	CV	K	
Name: Bridge				yob/yinc: 95 / 95			
Origin:				donor: POL, IHAR	Author:		
Other information:							
mutations: 5.2		afila					
Wt	10292 W1	Ra	76712/99	V	CV	K	
Name: Bluey				yob/yinc: 95 / 95			
Origin:				donor: POL, IHAR	Author:		
Other information:							
mutations: 5.2		afila					
Wt	10293 W1	Ra	76412/95	V	CV	K	
Name: Malta				yob/yinc: 95 / 95			
Origin:				donor: POL, IHAR	Author:		
Other information:							
mutations: 5.2		afila					

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				CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	10294 W1	Ra	76413/95	V	CV	K	
Name: Rigel				yob/yinc: 95 / 95			
Origin:				donor: POL, IHAR	Author:		
Other information:							
mutations: 5.2		afila					
Wt	10295 W1	Ra	76713/99	V	CV	K	
Name: Fjord				yob/yinc: 95 / 95			
Origin:				donor:	Author:		
Other information:							
mutations: 5.2		afila					
Wt	10296 W1	Ra	76714/99	V	CV	K	
Name: Capella				yob/yinc: 95 / 95			
Origin:				donor:	Author:		
Other information:							
mutations: 5.2		afila					
Wt	10297 W1	Ra	76414/95	V	CV	K	
Name: Profi				yob/yinc: 95 / 95			
Origin:				donor: POL, IHAR	Author:		
Other information:							
mutations: 5.2		afila					
Wt	10299 W1	Ra		L	XD	K	
Name: a2-recomb.				yob/yinc: 10 / 13			
Origin: K.3005				donor: Swiecicki	Author: Swiecicki		
Other information: a2 st pet							
mutations: 8.1		Anthocyanin inhibition					
Wt	10301 W1	0 Ra	75597	L	XD	K	
Name: PRC 384				yob/yinc: 85 / 86			
Origin: afila on All Round				donor: Prusinowo	Author: Kielpińscy		
Other information:							
mutations: 5.2		afila					
Wt	10302 W1	0 Ra	75829/88	L	XD	K	
Name: Solara				yob/yinc: 85 / 87			
Origin: NLD				donor: Weibull	Author: Cebeco		
Other information:							
mutations: 5.2		afila					

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			CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	10303 W1	Ra	75937/94	V	CV	K
	Name: Miko			yob/yinc:	90 / 90	
	Origin: Hamil x Cud Ameryki		donor:	Przebedowo	Author:	Mikolajczyk,Wroblews
	Other information: +Ra76017					
	mutations: 5.2					afila
Wt	10304 W1	Ra	75085	L	XD	K
	Name: T VIII			yob/yinc:	/	
	Origin: POL, Przebedowo		donor:		Author:	
	Other information:					
	mutations: 5.2					afila
Wt	10305 W1	Ra	76011/94	V	CV	K
	Name: WTD 1187			yob/yinc:	87 / 90	
	Origin: (Wt10208 x Flavanda)x Maxi		donor:	Swiecicki	Author:	Swiecicki
	Other information:					
	mutations: 5.2					afila
Wt	10306 W1	Ra	76073/94	V	CV	K
	Name: Booster			yob/yinc:	91 / 92	
	Origin: FRA		donor:	Momont	Author:	
	Other information:					
	mutations: 5.2					afila
Wt	10309 W1	Ra	76715/99	L	LR	K
	Name: Local variety			yob/yinc:	91 / 92	
	Origin: ESP, Valladolid		donor:	Jambrina	Author:	
	Other information:					
	mutations: 5.2					afila
Wt	10310 W1	Ra	76141/96	L	LR	K
	Name: Local variety			yob/yinc:	91 / 92	
	Origin: ESP, Valladolid		donor:	Jambrina	Author:	
	Other information:					
	mutations: 5.2					afila
Wt	10311 W1	Ra	76142/96	L	LR	K
	Name: Local variety			yob/yinc:	91 / 92	
	Origin: ESP, Valladolid		donor:	Jambrina	Author:	
	Other information:					
	mutations: 5.2					afila

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			CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	10312 W1	Ra	76644/98	L	XD	K
Name: Rv-6				yob/yinc:	91 / 92	
Origin: ESP, Valladolid		donor:	P.Codesal	Author:		
Other information:						
mutations: 5.2		afila				
Wt	10313 W1	Ra	76645/98	L	XD	K
Name: Rv-8				yob/yinc:	91 / 92	
Origin: ESP, Valladolid		donor:	P. Codesal	Author:		
Other information:						
mutations: 5.2		afila				
Wt	10324 W1	Ra	76075/94	V	CV	K
Name: Baroness				yob/yinc:	90 / 92	
Origin: FRA		donor:	Nickerson	Author:		
Other information:						
mutations: 5.2		afila				
Wt	10326 W1	Ra	76716/99	V	CV	K
Name: Leo				yob/yinc:	90 / 92	
Origin: FRA		donor:	Nickerson	Author:		
Other information:						
mutations: 5.2		afila				
Wt	10327 W1	0 Ra	76076/94	V	CV	K
Name: Orb				yob/yinc:	90 / 92	
Origin: FRA		donor:	Nickerson	Author:		
Other information:						
mutations: 5.2		afila				
Wt	10328 W1	Ra	76548/97	V	CV	K
Name: Tipu				yob/yinc:	90 / 92	
Origin: USA		donor:	Un.of Min.	Author:		
Other information:						
mutations: 5.2		afila				
Wt	10329 W1	Ra	76067/94	V	CV	K
Name: Helka				yob/yinc:	90 / 92	
Origin: USA		donor:	Un. of Min	Author:		
Other information:						
mutations: 5.2		afila				

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			CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	10330 W1	Ra	76646/98	V	CV	K
Name: Azur				yob/yinc:	90 / 92	
Origin: FRA		donor:	Nickerson	Author:		
Other information:						
mutations: 5.2		afila				
Wt	10331 W1	Ra	76074/94	V	CV	K
Name: Terese				yob/yinc:	90 / 92	
Origin: FRA		donor:	Momont	Author:		
Other information:						
mutations: 5.2		afila				
Wt	10332 W1	Ra	76077/94	V	CV	K
Name: Princess				yob/yinc:	90 / 92	
Origin: FRA		donor:	Momont	Author:		
Other information:						
mutations: 5.2		afila				
Wt	10333 W1	Ra	76082/94	V	MU	K
Name: Jaran				yob/yinc:	93 / 93	
Origin:		donor:	Mikolajczy	Author:	Jaranowski	
Other information:						
mutations: 5.2		afila				
Wt	10336 W1	Ra	76064/94	V	CV	K
Name: Agra				yob/yinc:	93 / 94	
Origin: SOD 1046		donor:	SOD, POL	Author:	Tomaszewska,Szymansk	
Other information:						
mutations: 5.2		afila				
Wt	10337 W1	Ra	77297/01	V	CV	K
Name: Pika				yob/yinc:	/ 94	
Origin: FIN, Tuusula		donor:	Hankija	Author:		
Other information:						
mutations: 5.2		afila				
Wt	10347 W1	Ra	76718/99	V	CV	K
Name: Panu				yob/yinc:	/ 94	
Origin: FIN, Tuusula		donor:	Hankija	Author:		
Other information:						
mutations: 5.2		afila				

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				CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	10348 W1	0 Ra	76719/99	V	CV	K	
Name: Helka				yob/yinc: / 94			
Origin: FIN, Tuusula				donor: Hankija	Author:		
Other information:							
mutations: 5.2		afila					
Wt	10349 W1	Ra	76415/95	V	CV	K	
Name: Allure				yob/yinc: 89 / 94			
Origin:				donor: Nickerson	Author:		
Other information:							
mutations: 5.2		afila					
Wt	10352 W1	0 Ra	77650/08	L	SE	K	
Name: afila, chlorotica				yob/yinc: 80 / 85			
Origin: spont. from Wt 10148				donor: Swiecicki	Author: Swiecicki		
Other information:							
mutations: 5.2		afila					
Wt	10354 W1	0 Ra	76720/99	L	XD	K	
Name: NSA 745				yob/yinc: 89 / 94			
Origin: GBR				donor: Nickerson	Author:		
Other information:							
mutations: 5.2		afila					
Wt	10355 W1	0 Ra	76721/99	L	XD	K	
Name: NSA 88 959				yob/yinc: 89 / 94			
Origin:				donor: Nickerson	Author:		
Other information:							
mutations: 5.2		afila					
Wt	10357 W1	Ra	76900/99	L	MU	K	
Name: P-1297				yob/yinc: 93 / 94			
Origin: IND				donor: Sharma	Author:		
Other information: le pet?							
mutations: 5.2		tendrilled acacia					
Wt	10358 W1	Ra	76648/98	L	XD	K	
Name: P-1300				yob/yinc: 93 / 94			
Origin: IND				donor: Sharma	Author:		
Other information: Le							
mutations: 5.2		tendrilled acacia					

			CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	10359 W1	Ra	76723/99	V	CV	K
Name: Diabolo				yob/yinc:	95 / 95	
Origin:		donor:	POL, IHAR	Author:		
Other information:						
mutations: 5.2		afila				
Wt	10361 W1	Ra	76725/99	V	CV	K
Name: Loto				yob/yinc:	95 / 95	
Origin:		donor:	POL, IHAR	Author:		
Other information:						
mutations: 5.2		afila				
Wt	10362 W1	Ra	76416/95	V	CV	K
Name: Svenne				yob/yinc:	95 / 95	
Origin:		donor:	POL, IHAR	Author:		
Other information:						
mutations: 5.2		afila				
Wt	10363 W1	Ra	76726/99	V	CV	K
Name: Vigro				yob/yinc:	95 / 95	
Origin:		donor:	POL, IHAR	Author:		
Other information:						
mutations: 5.2		afila				
Wt	10364 W1	Ra	76417/95	V	CV	K
Name: Julia				yob/yinc:	95 / 95	
Origin:		donor:	POL, IHAR	Author:		
Other information:						
mutations: 5.2		afila				
Wt	10365 W1	Ra	76418/95	V	CV	K
Name: Baccara				yob/yinc:	95 / 95	
Origin:		donor:	POL, IHAR	Author:		
Other information:						
mutations: 5.2		afila				
Wt	10366 W1	Ra	76727/99	V	CV	K
Name: Niva				yob/yinc:	95 / 95	
Origin:		donor:	POL, IHAR	Author:		
Other information:						
mutations: 5.2		afila				

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			CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	10375 W1	Ra	76419/95	V	CV	K
Name:	Odin			yob/yinc:	95 / 95	
Origin:		donor:	POL, IHAR	Author:		
Other information:						
mutations:	5.2	afila				
Wt	10376 W1	Ra	76420/95	V	CV	K
Name:	Hovi			yob/yinc:	95 / 95	
Origin:		donor:	POL, IHAR	Author:		
Other information:						
mutations:	5.2	afila				
Wt	10377 W1	Ra	76421/95	V	CV	K
Name:	Claudius			yob/yinc:	95 / 95	
Origin:		donor:	POL, IHAR	Author:		
Other information:						
mutations:	5.2	afila				
Wt	10380 W1	0 Ra	76933/99	L	MU	K
Name:	clavícula			yob/yinc:	81 / 81	
Origin:	Paloma, 200rNf/0.014%NEU		donor:	Swiecicki	Author:	Swiecicki
Other information:						
mutations:	5.2	clavícula				
Wt	10383 W1	Ra	76422/95	V	CV	K
Name:	Phoebus			yob/yinc:	95 / 95	
Origin:		donor:	POL, IHAR	Author:		
Other information:						
mutations:	5.2	afila				
Wt	10384 W1	Ra	76423/95	V	CV	K
Name:	Trille			yob/yinc:	95 / 95	
Origin:		donor:	POL, IHAR	Author:		
Other information:						
mutations:	5.2	afila				
Wt	10385 W1	Ra	76731/99	V	CV	K
Name:	Glenroy			yob/yinc:	95 / 95	
Origin:	Early Dun x J.1.916		donor:	AUS, M.Ali	Author:	
Other information:	res. to powdery mild					
mutations:	5.2	afila				

			CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	10386 W1	Ra	76732/99	V	CV	K
Name: Maitland				yob/yinc:	95 / 95	
Origin:		donor:	POL, IHAR	Author:		
Other information:						
mutations: 5.2		afila				
Wt	10387 W1	Ra	76733/99	V	CV	K
Name: Mary				yob/yinc:	95 / 95	
Origin:		donor:	POL, IHAR	Author:		
Other information:						
mutations: 5.2		afila				
Wt	10388 W1	Ra	76424/95	V	CV	K
Name: Bonzer				yob/yinc:	95 / 95	
Origin:		donor:	POL, IHAR	Author:		
Other information:						
mutations: 5.2		afila				
Wt	10389 W1	Ra	76425/95	V	CV	K
Name: Magnus				yob/yinc:	95 / 95	
Origin:		donor:	POL, IHAR	Author:		
Other information:						
mutations: 5.2		afila				
Wt	10390 W1	Ra	76426/95	V	CV	K
Name: Betty				yob/yinc:	95 / 95	
Origin:		donor:	POL, IHAR	Author:		
Other information:						
mutations: 5.2		afila				
Wt	10391 W1	Ra	76734/99	V	CV	K
Name: Marlene				yob/yinc:	95 / 95	
Origin:		donor:	POL, IHAR	Author:		
Other information:						
mutations: 5.2		afila				
Wt	10392 W1	Ra	76427/95	V	CV	K
Name: Sobel				yob/yinc:	95 / 95	
Origin:		donor:	POL, IHAR	Author:		
Other information:						
mutations: 5.2		afila				

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			CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	10393 W1	Ra	76735/99	V	CV	K
Name: Tenna				yob/yinc:	95 / 95	
Origin:		donor:	POL, IHAR	Author:		
Other information:						
mutations:		5.2	afila			
Wt	10394 W1	Ra	76736/99	V	CV	K
Name: Rhapsody				yob/yinc:	95 / 95	
Origin:		donor:	POL, IHAR	Author:		
Other information:						
mutations:		5.2	afila			
Wt	10395 W1	Ra	76428/95	V	CV	K
Name: Eiffel				yob/yinc:	95 / 95	
Origin:		donor:	POL, IHAR	Author:		
Other information:						
mutations:		5.2	afila			
Wt	10396 W1	Ra	76737/99	V	CV	K
Name: Carneval				yob/yinc:	95 / 95	
Origin:		donor:	POL, IHAR	Author:		
Other information:						
mutations:		5.2	afila			
Wt	10397 W1	Ra	76738/99	L	XD	K
Name: Ceb. 1438				yob/yinc:	94 / 95	
Origin:		donor:		Author:		
Other information:						
mutations:		5.2	afila			
Wt	10398 W1	Ra	76429/95	V	CV	K
Name: Delta				yob/yinc:	95 / 95	
Origin: Ceb. 1431		donor:		Author:		
Other information:						
mutations:		5.2	afila			
Wt	10399 W1	Ra	76739/99	V	CV	K
Name: Piast				yob/yinc:	95 / 96	
Origin:		donor:	Madajewski	Author:	Madajewski	
Other information:						
mutations:		5.2	afila			

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			CLASSIFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	10403 W1	Ra	76740/99	V	CV	K
Name: Petra				yob/yinc:	93 / 96	
Origin:				donor:	Author:	
Other information:						
mutations: 5.2		afila				
Wt	10404 W1	Ra	76174/96	V	XD	K
Name: E 74889				yob/yinc:	94 / 96	
Origin: Stivo (JI143*Stivo)				donor:	Author:	
Other information:						
mutations: 5.2		afila				
Wt	10405 W1	Ra	76741/99	V	CV	K
Name: PSG 5				yob/yinc:	95 / 96	
Origin: AUS				donor: M. Ali	Author:	
Other information: af A b						
mutations: 5.2		afila				
Wt	10411 W1	Ra	76745/99	L	XD	K
Name: tac - recomb.				yob/yinc:	97 / 98	
Origin: POL,K.1769				donor: Swiecicki	Author: Swiecicki	
Other information: tac, st, b						
mutations: 5.2		tendrilled acacia				
Wt	10413 W1	Ra		V	CV	K
Name: Lucy				yob/yinc:	08 / 09	
Origin: Gembloux, BEL				donor:	Author:	
Other information: R i						
mutations: 5.2		afila				
Wt	10414 W1	Ra		V	CV	K
Name: Cheyenne				yob/yinc:	08 / 09	
Origin: Gembloux, BEL				donor:	Author:	
Other information: R, I						
mutations: 5.2		afila				
Wt	10415 W1	Ra		V	CV	K
Name:				yob/yinc:	08 / 09	
Origin: Gembloux, BEL				donor:	Author:	
Other information: R, I						
mutations: 5.2		afila				

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			CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	10416 W1	Ra	V	CV	K	
Name:				yob/yinc:	08 / 09	
Origin:	Gembloux			donor:	Author:	
Other information:	I, R					
mutations:	5.2	afila				
Wt	10417 W1	Ra	L	XD	K	
Name:	af - recomb.			yob/yinc:	08 / 09	
Origin:	K.2969		donor:	Swiecicki	Author:	Swiecicki
Other information:	tl, aero, i, brac, n					
mutations:	5.2	afila				
Wt	10418 W1	Ra	V	CV	K	
Name:	Wenus			yob/yinc:	06 / 07	
Origin:			donor:		Author:	
Other information:						
mutations:	5.2	afila				
Wt	10419 W1	Ra	77805/09	V	CV	K
Name:	Boruta			yob/yinc:	06 / 07	
Origin:	POL		donor:	SZD	Author:	
Other information:						
mutations:	5.2	afila				
Wt	10420 W1	Ra	V	CV	K	
Name:	Kavalir			yob/yinc:	06 / 07	
Origin:	SG-C111		donor:		Author:	
Other information:						
mutations:	5.2	afila				
Wt	10421 W1	Ra	V	CV	K	
Name:	Medal			yob/yinc:	06 / 07	
Origin:	PRH 1903		donor:	PRH	Author:	
Other information:						
mutations:	5.2	afila				
Wt	10422 W1	Ra	V	CV	K	
Name:	Radley			yob/yinc:	06 / 07	
Origin:			donor:		Author:	
Other information:						
mutations:	5.2	afila				

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				CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	10423 W1	Ra		L	XD	K	
Name: af - recomb.				yob/yinc: 07 / 09			
Origin:				donor: Swiecicki	Author: Swiecicki		
Other information: brac, aero, i							
mutations: 5.2 afile							
Wt	10424 W1	Ra	77806/09	V	CV	K	
Name: Batuta				yob/yinc: 08 / 09			
Origin: POL				donor: SZD	Author:		
Other information:							
mutations: 5.2 afile							
Wt	10451 W1	Ra		L	XD	K	
Name: art-breed.				yob/yinc: 10 / 13			
Origin: K.2782				donor: Swiecicki	Author: Swiecicki		
Other information: art. x af							
mutations: 10.1 arthritic							
Wt	10492 W1	0 Ra	77807/09	L	XD	K	
Name: tac-recomb.				yob/yinc: 04 / 05			
Origin: K.2738, POL				donor: Swiecicki	Author: Swiecicki		
Other information: tac pet b							
mutations: 5.2 tendiled acacia							
Wt	10495 W1	Ra		L	XD	K	
Name: crd - recomb.				yob/yinc: 06 / 07			
Origin: K.2734				donor: Swiecicki	Author: Swiecicki		
Other information: crd chi30							
mutations: 5.2 crispoid							
Wt	10498 W1	Ra		L	XD	K	
Name: cri - recomb.				yob/yinc: 06 / 07			
Origin: K.2967				donor: Swiecicki	Author: Swiecicki		
Other information: cri lum3							
mutations: 5.2 crispa							
Wt	10499 W1	Ra		L	XD	K	
Name: cri - recomb.				yob/yinc: 06 / 07			
Origin: K.2968				donor: Swiecicki	Author: Swiecicki		
Other information: cri nlb							
mutations: 5.2 crispa							

			CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	10502 W1	Ra	V	CV	K	
Name:	Terno			yob/yinc:	06 / 07	
Origin:			donor:	Author:		
Other information:						
mutations:	5.2	afila				
Wt	10503 W1	Ra	V	CV	K	
Name:	Algarve			yob/yinc:	06 / 07	
Origin:			donor:	Author:		
Other information:						
mutations:	5.2	afila				
Wt	10504 W1	Ra	V	CV	K	
Name:	Laser			yob/yinc:	06 / 07	
Origin:			donor:	Author:		
Other information:						
mutations:	5.2	afila				
Wt	10505 W1	Ra	V	CV	K	
Name:	Madonna			yob/yinc:	06 / 07	
Origin:			donor:	Author:		
Other information:						
mutations:	5.2	afila				
Wt	10506 W1	Ra	V	CV	K	
Name:	Metaksa			yob/yinc:	06 / 07	
Origin:			donor:	Author:		
Other information:						
mutations:	5.2	afila				
Wt	10507 W1	Ra	V	CV	K	
Name:	Kuroch			yob/yinc:	06 / 07	
Origin:			donor:	Author:		
Other information:						
mutations:	5.2	afila				
Wt	10508 W1	Ra	V	CV	K	
Name:	Ezop			yob/yinc:	06 / 07	
Origin:			donor:	Author:		
Other information:						
mutations:	5.2	afila				

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			CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	10509 W1	Ra	V	CV	K	
	Name: Tarchalska			yob/yinc: 06 / 07		
	Origin: POL		donor: SOD	Author:		
	Other information:					
	mutations: 5.2	afila				
Wt	10514 W1	Ra 77392/08	V	CV	K	
	Name: Goplik			yob/yinc: /		
	Origin: POA, POL		donor: Madajewski	Author: Madajewski		
	Other information:					
	mutations: 5.2	afila				
Wt	10515 W1	Ra 77397/08	V	CV	K	
	Name: Bohun			yob/yinc: /		
	Origin: BN55 x Ametyst		donor: Swiecicki	Author: Swiecicki		
	Other information:					
	mutations: 5.2	afila				
Wt	10516 W1	Ra 77691/08	V	CV	K	
	Name: Cysterski			yob/yinc: /		
	Origin: Eiffel x Tambo		donor: Swiecicki	Author: Swiecicki		
	Other information:					
	mutations: 5.2	afila				
Wt	10517 W1	Ra 77733/08	V	CV	K	
	Name: Dymek			yob/yinc: /		
	Origin: POA 1367/96		donor: Madajewski	Author: Madajewski		
	Other information:					
	mutations: 5.2	afila				
Wt	10518 W1	Ra 77774/08	V	CV	K	
	Name: Lasso			yob/yinc: /		
	Origin: CM 6.115.99		donor:	Author:		
	Other information:					
	mutations: 5.2	afila				
Wt	10750 W1	Ra 77216/00	V	CV	K	
	Name: Granada			yob/yinc: 00 / 00		
	Origin: GER, Bergen		donor: Lochow Pet	Author:		
	Other information:					
	mutations: 5.2	afila				

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			CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	10752 W1	Ra	77215/00	V	CV	K
Name: Sponsor				yob/yinc:	00 / 00	
Origin: GER, Bergen				donor:	Lochow Pet	Author:
Other information:						
mutations: 5.2		afila				
Wt	10756 W1	Ra	77367/01	V	CV	K
Name: Merlin				yob/yinc:	00 / 01	
Origin:				donor:	PRH	Author:
Other information:						
mutations: 5.2		afila				
Wt	10764 W1	Ra	77217/00	V	CV	K
Name: Power				yob/yinc:	00 / 00	
Origin: GER, Moosburg				donor:	Schweiger	Author:
Other information:						
mutations: 5.2		afila				
Wt	10767 W1	Ra	77368/01	V	CV	K
Name: Kujawiak				yob/yinc:	00 / 01	
Origin: POL				donor:	HR Piast	Author:
Other information:						
mutations: 5.2		afila				
Wt	10768 W1	0 Ra	77369/01	V	CV	K
Name: Olimpik				yob/yinc:	00 / 01	
Origin: POL				donor:	HR Piast	Author:
Other information:						
mutations: 5.2		afila				
Wt	10787 W1	0 Ra	75599	V	CV	K
Name: Novella				yob/yinc:	80 / 85	
Origin: USA				donor:	Beltsville	Author:
Other information:						
mutations: 4.3		fasciata				
mutations: 5.2		afila				
Wt	10788 W1	Ra	77370/01	V	CV	K
Name: Sokolik				yob/yinc:	00 / 01	
Origin: POL				donor:	SZC	Author:
Other information:						
mutations: 5.2		afila				

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			CLASSIFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	10789 W1	Ra	77371/01	V	CV	K
	Name: Slowa				yob/yinc:	00 / 01
	Origin: SAL 4.94163			donor:		Author:
	Other information:					
	mutations: 5.2					afila
Wt	10790 W1	Ra	77372/01	V	CV	K
	Name: Saskia				yob/yinc:	00 / 01
	Origin: SAL 4.95154			donor:		Author:
	Other information:					
	mutations: 5.2					afila
Wt	10791 W1	Ra	77373/01	V	CV	K
	Name: Magellan				yob/yinc:	00 / 01
	Origin:			donor:		Author:
	Other information:					
	mutations: 5.2					afila
Wt	10792 W1	Ra	77374/01	V	CV	K
	Name: Attika				yob/yinc:	00 / 01
	Origin:			donor:		Author:
	Other information:					
	mutations: 5.2					afila
Wt	10793 W1	Ra	77375/01	V	CV	K
	Name: Classik				yob/yinc:	00 / 01
	Origin:			donor:		Author:
	Other information:					
	mutations: 5.2					afila
Wt	10795 W1	Ra	77376/01	V	CV	K
	Name: Agadir				yob/yinc:	00 / 01
	Origin:			donor:		Author:
	Other information:					
	mutations: 5.2					afila
Wt	10796 W1	Ra	77377/01	V	CV	K
	Name: Miami				yob/yinc:	00 / 01
	Origin:			donor:		Author:
	Other information:					
	mutations: 5.2					afila

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			CLASSIFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	10797 W1	Ra	77378/01	V	CV	K
Name: Swing				yob/yinc:	00 / 01	
Origin:				donor:	Author:	
Other information:						
mutations: 5.2		afila				
Wt	10798 W1	Ra	77760/04	V	CV	K
Name: Jezero				yob/yinc:	01 / 02	
Origin: YUG, Novi Sad				donor: A. Mikic	Author:	
Other information:						
mutations: 5.2		afila				
Wt	10802 W1	Ra	77761/04	V	CV	K
Name: Javlo				yob/yinc:	02 / 02	
Origin: FRA				donor:	Author:	
Other information:						
mutations: 5.2		afila				
Wt	10803 W1	Ra	77720/08	V	CV	K
Name: Turkus				yob/yinc:	03 / 04	
Origin:				donor: SZD, POL	Author:	
Other information:						
mutations: 5.2		afila				
Wt	10853 W1	0 Ra	76954/99	E	SE	K
Name: Peloponnes				yob/yinc:	83 / 85	
Origin:				donor: IHAR	Author:	
Other information:						
mutations: 5.2		afila				
Wt	10861 W1	0 Ra	75600	L	XD	K
Name: Wasacz x WTD 3003				yob/yinc:	81 / 85	
Origin: Wasacz * (Ranger * Gastro)				donor: Swiecicki	Author: Swiecicki	
Other information:						
mutations: 5.2		afila				
Wt	11169 W1	Ra	77771/04	L	XD	K
Name: M 084				yob/yinc:	98 / 00	
Origin: USA, W6 15162				donor: Marx	Author: Pullman	
Other information: af i r py a le Fl>v						
mutations: 5.2		afila				

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			CLASSIFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	11170 W1	Ra	77772/04	L	XD	K
Name: M 357				yob/yinc:	98 / 00	
Origin: USA, W6 15341		donor:	Marx	Author:	Pullman	
Other information: af tac tl						
mutations: 5.2		afila				
Wt	11171 W1	Ra	77193/00	V	CV	K
Name: Duel				yob/yinc:	99 / 00	
Origin:		donor:		Author:		
Other information:						
mutations: 5.2		afila				
Wt	11172 W1	Ra	77194/00	V	CV	K
Name: Tenor				yob/yinc:	99 / 00	
Origin:		donor:		Author:		
Other information:						
mutations: 5.2		afila				
Wt	11173 W1	Ra		L	XD	K
Name: crw-recomb.				yob/yinc:	10 / 13	
Origin: K.3223		donor:	Swiecicki	Author:	Swiecicki	
Other information: crw red i						
mutations: 8.1		cream wings				
Wt	11174 W1	Ra	77197/00	V	CV	K
Name: Nitouche				yob/yinc:	99 / 00	
Origin:		donor:		Author:		
Other information:						
mutations: 5.2		afila				
Wt	11175 W1	Ra	77198/00	V	CV	K
Name: Classic				yob/yinc:	99 / 00	
Origin:		donor:		Author:		
Other information:						
mutations: 5.2		afila				
Wt	11176 W1	Ra	77199/00	V	CV	K
Name: Jacquet				yob/yinc:	99 / 00	
Origin:		donor:		Author:		
Other information:						
mutations: 5.2		afila				

			CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	11177 W1	Ra	77201/00	V	CV	K
Name: Sara				yob/yinc:	99 / 00	
Origin:				donor:	Author:	
Other information:						
mutations:		5.2	afila			
Wt	11178 W1	Ra	77202/00	V	CV	K
Name: Rustic				yob/yinc:	99 / 00	
Origin:				donor:	Author:	
Other information:						
mutations:		5.2	afila			
Wt	11179 W1	Ra	77203/00	V	CV	K
Name: Amadeus				yob/yinc:	99 / 00	
Origin:				donor:	Author:	
Other information:						
mutations:		5.2	afila			
Wt	11181 W1	Ra	77204/00	V	CV	K
Name: Brutus				yob/yinc:	99 / 00	
Origin:				donor:	Author:	
Other information:						
mutations:		5.2	afila			
Wt	11182 W1	Ra	77109/00	V	CV	K
Name: Komandor				yob/yinc:	00 / 00	
Origin: POL, Krzemlin				donor: Mazur	Author: Mazur	
Other information:						
mutations:		5.2	afila			
Wt	11183 W1	Ra	77196/00	V	CV	K
Name: Pomorska				yob/yinc:	00 / 00	
Origin: POL, Krzemlin				donor: Mazur	Author: Mazur	
Other information: af A						
mutations:		5.2	afila			
Wt	11184 W1	Ra	77773/04	L	XD	K
Name: W6 15126				yob/yinc:	02 / 04	
Origin: M037				donor: Swiecicki	Author: USA, Marx	
Other information: A b d k i sil af tac						
mutations:		5.2	afila			

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			CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	11185 W1	Ra	77723/08	V	CV	K
	Name: Hardy				yob/yinc: 03 / 04	
	Origin: FRA, Serasem				donor:	Author:
	Other information:					
	mutations: 5.2					afila
Wt	11186 W1	Ra	77724/08	V	CV	K
	Name: Phoenix				yob/yinc: 03 / 04	
	Origin: GER, Sudwestsaat				donor:	Author:
	Other information:					
	mutations: 5.2					afila
Wt	11187 W1	Ra	77721/08	V	CV	K
	Name: Santana				yob/yinc: 03 / 04	
	Origin: GER, Lochow Petkus				donor:	Author:
	Other information:					
	mutations: 5.2					afila
Wt	11188 W1	Ra	77725/08	V	CV	K
	Name: Zekon				yob/yinc: 03 / 04	
	Origin: CZE, Selgen				donor:	Author:
	Other information:					
	mutations: 5.2					afila
Wt	11189 W1	Ra	77719/08	V	CV	K
	Name: Bilbo				yob/yinc: 03 / 04	
	Origin: FRA				donor:	Author:
	Other information:					
	mutations: 5.2					afila
Wt	11191 W1	Ra	77775/04	V	CV	K
	Name: Adept				yob/yinc: 03 / 04	
	Origin: CZE, Selgen				donor:	Author:
	Other information:					
	mutations: 5.2					afila
Wt	11192 W1	Ra		L	CV	K
	Name: Baryton				yob/yinc: 04 / 05	
	Origin: DSV, GER				donor: DSV	Author:
	Other information:					
	mutations: 5.2					afila

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			CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	11202 W1	Ra 75845/88	V	CV	K	
Name: Consort				yob/yinc: 87 / 88		
Origin: GBR			donor: BGRC 45568	Author:		
Other information: 20047						
mutations: 5.2 afile						
Wt	11203 W1	Ra 75846/88	V	CV	K	
Name: Folio				yob/yinc: 87 / 88		
Origin: GBR			donor: BGRC 45571	Author:		
Other information: 20048						
mutations: 5.2 afile						
Wt	11204 W1	Ra 75847/88	L	XD	K	
Name: CL 2195				yob/yinc: 87 / 88		
Origin: FRA			donor: BGRC 45572	Author:		
Other information: 20049						
mutations: 5.2 afile						
Wt	11205 W1	Ra 75848/88	V	CV	K	
Name: Bikini				yob/yinc: 87 / 88		
Origin: GBR			donor: BGRC 45573	Author:		
Other information: 20050						
mutations: 5.2 afile						
Wt	11206 W1	Ra	V	CV	K	
Name: Barton				yob/yinc: 87 / 88		
Origin: GBR			donor: BGRC45574	Author:		
Other information: 20051						
mutations: 5.2 afile, stipules reduced						
Wt	11207 W1	Ra 75849/88	V	CV	K	
Name: Melton				yob/yinc: 87 / 88		
Origin: GBR			donor: BGRC 45577	Author:		
Other information: 20052						
mutations: 5.2 afile						
Wt	11208 W1	Ra 75850/88	V	CV	K	
Name: Upton				yob/yinc: 87 / 88		
Origin: GBR			donor: BGRC 45578	Author:		
Other information: 20053, fn fna						
mutations: 5.2 afile						

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			CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	11209 W1	Ra	77776/04	V	CV	K
Name: Filigreen				yob/yinc:	87 / 88	
Origin: BRG		donor:	BGRC 45580	Author:		
Other information: 20054						
mutations: 5.2		afila				
Wt	11210 W1	Ra	75851/88	V	CV	K
Name: Twiggy				yob/yinc:	87 / 88	
Origin: USA		donor:	BGRC 45584	Author:		
Other information: 20055, fn fna						
mutations: 5.2		afila				
Wt	11211 W1	Ra	76780/99	L	XD	K
Name: HJA 51879				yob/yinc:	87 / 88	
Origin: FIN		donor:	BGRC 45605	Author:		
Other information: 20056						
mutations: 5.2		afila				
Wt	11212 W1	Ra	75852/88	L	XD	K
Name: HJA 51902				yob/yinc:	87 / 88	
Origin: FIN		donor:	BGRC 45607	Author:		
Other information: 20057						
mutations: 5.2		afila				
Wt	11213 W1	Ra	76781/99	L	XD	K
Name: HJA 52177				yob/yinc:	87 / 88	
Origin: FIN		donor:	BGRC 45608	Author:		
Other information: 20058						
mutations: 5.2		afila				
Wt	11214 W1	Ra	75853/88	V	XD	K
Name: Cassino				yob/yinc:	88 / 88	
Origin: FRA		donor:	Nickerson	Author:		
Other information:						
mutations: 5.2		afila				
Wt	11215 W1	Ra	75854/88	V	CV	K
Name: Ballet				yob/yinc:	88 / 88	
Origin: FRA		donor:	Nickerson	Author:		
Other information:						
mutations: 5.2		afila				

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			CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	11216 W1	Ra	75855/88	V	CV	K
Name: Echo				yob/yinc:	88 / 88	
Origin: FRA		donor:	Nickerson	Author:		
Other information:						
mutations: 5.2		afila				
Wt	11217 W1	Ra	75856/88	L	CO	K
Name: E 1168				yob/yinc:	88 / 88	
Origin: POL, Zamosc, T. Ilczak		donor:	IHAR	Author:		
Other information:						
mutations: 5.2		afila				
Wt	11218 W1	Ra	75921/89	V	CV	K
Name: Hejga				yob/yinc:	89 / 89	
Origin: POL, Przebedowo		donor:	Przebedowo	Author:		
Other information:						
mutations: 5.2		afila				
Wt	11219 W1	Ra	75881/89	V	CV	K
Name: Bosman				yob/yinc:	89 / 90	
Origin: 1.34 x Allround,PRC 384		donor:	Prusinowo	Author:	KielpinskiMichalczyk	
Other information:						
mutations: 5.2		afila				
Wt	11220 W1	Ra	76012/94	V	CV	K
Name: Baf				yob/yinc:	89 / 90	
Origin:		donor:	Sadovo BGR	Author:		
Other information:						
mutations: 5.2		afila				
Wt	11223 W1	Ra		L	XD	K
Name: dnd-breed.				yob/yinc:	10 / 13	
Origin: K.2857		donor:	Swiecicki	Author:	Swiecicki	
Other information: breed. Value						
mutations: 4.2		densinodosum				
Wt	11224 W1	Ra	76963/99	V	CV	K
Name: Ascona				yob/yinc:	90 / 90	
Origin: NLD		donor:		Author:		
Other information:						
mutations: 5.2		afila				

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			CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	11228 W1	Ra	75084	V	XD	K
Name: Mistrz				yob/yinc:	90 / 91	
Origin:		donor:	Przebedowo	Author:		
Other information:						
mutations:		5.2	afila			
Wt	11229 W1	Ra	76146/96	L	XD	K
Name: LKH 52811				yob/yinc:	90 / 91	
Origin: DNK		donor:	Landbruget	Author:	Kornforaedling	
Other information:						
mutations:		5.2	afila			
Wt	11230 W1	Ra	76566/97	V	CV	K
Name: WTD 5037				yob/yinc:	84 / 91	
Origin: Koskor x Wasacz		donor:	Swiecicki	Author:	Swiecicki	
Other information:						
mutations:		5.2	afila			
Wt	11231 W1	Ra	76782/99	V	CV	K
Name: Grafila				yob/yinc:	91 / 92	
Origin: DEU		donor:	Melzer	Author:	Melzer	
Other information:						
mutations:		5.2	afila			
Wt	11232 W1	Ra	76066/94	V	CV	K
Name: Tegma				yob/yinc:	93 / 93	
Origin:		donor:	Wieclawice	Author:	Marciniak, Ryniec	
Other information:						
mutations:		5.2	afila			
Wt	11235 W1	Ra	77778/04	L	XD	K
Name: M 022				yob/yinc:	97 / 99	
Origin: USA, W6 15114		donor:	Pullman	Author:	Marx	
Other information: af tl sil wb b k A						
mutations:		5.2	afila			
Wt	11236 W1	Ra	77779/04	L	XD	K
Name: M 077				yob/yinc:	97 / 99	
Origin: USA, W6 15156		donor:	Pullman	Author:	Marx	
Other information: af tac py i r le a						
mutations:		5.2	afila			

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			CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	11237 W1	Ra 75392	V	CV	K	
Name: Wensom				yob/yinc: 83 / 84		
Origin: GBR			donor: Pedzinski	Author:		
Other information:						
mutations: 5.2 afile						
Wt	11243 W1	Ra 77325/01	L	XD	K	
Name: M 275				yob/yinc: 97 / 99		
Origin: USA, W6 15290			donor: Pullman	Author: Marx		
Other information: cri fa k tl wlo le A						
mutations: 5.2 crispa						
Wt	11244 W1	Ra 77326/01	L	XD	K	
Name: M 277				yob/yinc: 97 / 99		
Origin: USA, W6 15292			donor: Pullman	Author: Marx		
Other information: cri af A D>w						
mutations: 5.2 crispa						
Wt	11245 W1	Ra 77177/00	V	CV	K	
Name: Alex				yob/yinc: 90 / 92		
Origin: FRA			donor: Momont	Author:		
Other information:						
mutations: 5.2 afile						
Wt	11296 W1	Ra	L	XD	k	
Name: crd-recomb.				yob/yinc: 03 / 04		
Origin: K.2529			donor: Swiecicki	Author: Swiecicki		
Other information: crd rms3						
mutations: 5.2 crispoid						
Wt	11297 W1	1297 Ra 76970/99	L	MU	K	
Name: crispa				yob/yinc: 79 / 80		
Origin: SWE, Alnarp			donor: Blixt	Author:		
Other information:						
mutations: 5.2 crispa			cri			
Wt	11300 W1	0 Ra 76971/99	L	MU	K	
Name: crispoid				yob/yinc: 81 / 81		
Origin: Paloma, 0.014%NEU/3064/448/80			donor: Swiecicki	Author: Swiecicki		
Other information:						
mutations: 5.2 crispoid			crd			

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				CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	11310 W1	5144	Ra	77781/04	L	MU	K
Name: crispa					yob/yinc:	81 / 81	
Origin: Weitor				donor:	Blixt	Author:	Blixt
Other information:							
mutations:		5.2	crispa				
Wt	11356 W1	0	Ra	77672/08	L	MU	K
Name: clavicula					yob/yinc:	82 / 85	
Origin: Paloma, 200rNf/0.014%NEU				donor:	Swiecicki	Author:	Swiecicki
Other information:							
mutations:		5.2	clavicula				
Wt	11358 W1	0	Ra	76664/98	L	MU	K
Name: clavicula					yob/yinc:	81 / 81	
Origin: Paloma, 200rNf, 165/81				donor:	Swiecicki	Author:	Swiecicki
Other information:							
mutations:		5.2	clavicula				
Wt	11362 W1	1362	Ra	76796/99	L	SE	K
Name: Lamms L20					yob/yinc:	79 / 80	
Origin: 18758				donor:	Blixt	Author:	
Other information:							
mutations:		5.2	clavicula		tl>pet		
Wt	11374 W1	0	Ra	76666/98	L	MU	K
Name: funnel leaves					yob/yinc:	81 / 81	
Origin: Kaliski, 500rNf/0.014%NEU				donor:	Swiecicki	Author:	Swiecicki
Other information:							
mutations:		5.2	funnel leaves				
Wt	11692 W1	1692	Ra	75860/88	L	MU	K
Name: afile					yob/yinc:	79 / 80	
Origin: Cuarentona				donor:	Blixt	Author:	Goldenberg
Other information: Testerline-1 chromos							
mutations:		5.2	afile		af		
Wt	11743 W1	1743	Ra	76984/99	L	MU	K
Name: cochleata					yob/yinc:	79 / 80	
Origin: 60/83				donor:	Blixt	Author:	Wellensiek
Other information:							
mutations:		5.2	cochlearis		coch		

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				CLASSIFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	11744 Wl	0 Ra	75925/89	L	XD	K	
Name: A-473-151				yob/yinc:		85 / 87	
Origin: tl, wsp, r				donor:	Marx	Author:	Marx
Other information: Testerline-5 chromos							
mutations: 5.2 cochlearis, clavicula							
Wt	11745 Wl	0 Ra		L	XD	K	
Name: C 370-174				yob/yinc:		85 / 87	
Origin: coch, wsp, tl, r				donor:	Marx	Author:	Marx
Other information: Testerline-5 chromos							
mutations: 5.2 cochlearis							
Wt	15137 Wl	5137 Ra	77011/99	L	MU	K	
Name: cochlearis				yob/yinc:		79 / 80	
Origin: SWE, Weitor				donor:	Blixt	Author:	Blixt
Other information:							
mutations: 2.2 reduced fertility				rfe			
5.2 cochlearis				coch>w			
8.3 flower anomalies				fla			
Wt	15446 Wl	5446 Ra	77018/99	L	MU	K	
Name: cochlearis				yob/yinc:		79 / 80	
Origin: Parvus				donor:	Blixt	Author:	Blixt
Other information:							
mutations: 5.2 cochlearis				coch>p			
Wt	15845 Wl	0 Ra	77354/01	L	MU	K	
Name: curled				yob/yinc:		81 / 81	
Origin: Paloma, 200rNf/0.014%NEU				donor:	Swiecicki	Author:	Swiecicki
Other information:							
mutations: 5.2 curled							
Wt	15846 Wl	5846 Ra	76873/99	L	MU	K	
Name: curled				yob/yinc:		79 / 80	
Origin: Torsdag				donor:	Blixt	Author:	SUN, Sidorova
Other information:							
mutations: 5.2 curled				curl>a			
Wt	15855 Wl	5855 Ra	77025/99	L	MU	K	
Name: curled				yob/yinc:		79 / 80	
Origin: Torsdag				donor:	Blixt	Author:	SUN, Sidorova
Other information:							
mutations: 5.2 curled				curl			

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				CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	15863 Wl	Ra	77681/08	L	XD	K	
Name: M 238							
Origin: USA, W6 15173							
Other information: apu st tac tl wel le							
mutations: 5.2 petiolulatus							
Wt	15864 Wl	Ra	77682/08	L	XD	K	
Name: tac pet - recomb.							
Origin: K.1971							
Other information: tac pet st M							
mutations: 5.2 tendrilled accacia							
Wt	15865 Wl	Ra	77355/01	L	XD	K	
Name: W6 15277							
Origin: M 260							
Other information: tac sil af le i D>co							
mutations: 5.2 tendrilled accacia							
Wt	15866 Wl	Ra	77790/04	L	XD	K	
Name: tac -recomb.							
Origin: K.1979							
Other information: tac brac							
mutations: 5.2 tendrilled accacia							
Wt	15868 Wl	0 Ra	76156/96	L	MU	K	
Name: apulvinic							
Origin: Dark Skin Perfec. -spont.JI1349							
Other information: ident.to pet							
mutations: 5.2 petiolulatus							
Wt	15870 Wl	5507 Ra	76875/99	L	MU	K	
Name: petiolosus							
Origin: Witham Wonder							
Other information:							
mutations: 5.2 petiolosus							
Wt	15871 Wl	5478 Ra	77791/04	L	MU	K	
Name: petiolulatus							
Origin: Witham Wonder							
Other information:							
mutations: 5.2 petiolulatus pet							

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				CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	15876 W1	5876	Ra 75868/88	L	MU	K	
Name: tendrilled acacia							
Origin:							
Other information:							
mutations: 5.2 tendrilled acacia							
tac							
yob/yinc: 79 / 80							
donor: Blixt							
Author: Sharma							
Wt	15883 W1		Ra 77028/99	L	XD	K	
Name: pet-recomb.							
Origin: K. 1679							
Other information: pet stim							
mutations: 5.2 petiolulatus							
yob/yinc: 96 / 96							
donor: Swiecicki							
Author: Swiecicki							
Wt	15884 W1		Ra 77029/99	L	XD	K	
Name: pet-recomb.							
Origin: K.1516							
Other information: pet rms1							
mutations: 5.2 petiolulatus							
yob/yinc: 95 / 96							
donor: Swiecicki							
Author: Swiecicki							
Wt	15885 W1		Ra 77792/04	L	XD	K	
Name: pet - recomb							
Origin: POL,K.1819							
Other information: pet,rms1,M							
mutations: 5.2 petiolatus							
yob/yinc: 97 / 98							
donor: Swiecicki							
Author: Swiecicki							
Wt	15886 W1		Ra 77030/99	L	XD	K	
Name: pet - recomb.							
Origin: POL,K.1819							
Other information: pet,rms1,b							
mutations: 5.2 petiolulatus							
yob/yinc: 97 / 98							
donor: Swiecicki							
Author: Swiecicki							
Wt	15888 W1		Ra 77814/09	L	XD	K	
Name: tac, pet - recomb.							
Origin:							
Other information: b							
mutations: 5.2 petiolulatus							
yob/yinc: 08 / 09							
donor: Swiecicki							
Author: Swiecicki							
Wt	15992 W1		Ra 77683/08	L	XD	K	
Name: sil - recomb.							
Origin: K.2081							
Other information: sil n							
mutations: 5.2 sinuate leaf							

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				CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	15995 W1	0 Ra	77685/08	L	XD	K	
Name: M 245				yob/yinc:		97 / 99	
Origin: USA, W6 15262				donor:	Pullman	Author: Marx	
Other information: sil wlo le r A D>wWm							
mutations: 5.2 sinuate leaf							
Wt	16001 W1	0 Ra	77686/08	L	XD	K	
Name: sinuate leaf, afile				yob/yinc:		81 / 84	
Origin: C-79-251-0				donor:	Marx	Author: Marx	
Other information:							
mutations: 5.2 sinuate leaf							
Wt	16002 W1	0 Ra	76882/99	L	XD	K	
Name: sinuate leaf Af				yob/yinc:		81 / 84	
Origin: A-780-246-1				donor:	Marx	Author: Marx	
Other information:							
mutations: 5.2 sinuate leaf							
Wt	16118 W1	6118 Ra	75740	L	MU	K	
Name: crispifolius fertilis				yob/yinc:		79 / 80	
Origin: DEU				donor:	Blixt	Author: Gottschalk	
Other information:							
mutations: 5.2 crispifolius fertilis							
Wt	16121 W1	0 Ra	77717/08	L	MU	K	
Name: buxiformae				yob/yinc:		81 / 81	
Origin: Paloma, 0.014%NEU,3064/420/80				donor:	Swiecicki	Author: Swiecicki	
Other information:							
mutations: 5.2 buxiformae							
Wt	16138 W1	0 Ra		L	XD	K	
Name: Grass pea				yob/yinc:		82 / 85	
Origin: afile * cochlearis(148/85)				donor:	Swiecicki	Author: Swiecicki	
Other information:							
mutations: 5.2 afile							

					CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	10105 W1	105	Ra	75288	L	MU	K	
Name: Naddbo					yob/yinc:		79 / 80	
Origin:					donor: Blixt	Author:		
Other information:								
mutations: 3.3					Tragacanthum		Tra	
5.3					folia oblonga		fo,fob,fol	
9.1					pod-wall thick		n	
Wt	10204 W1	0	Ra	75622	L	XD	K	
Name: Nr 189					yob/yinc:		/ 75	
Origin: internodes longer * latum					donor: Jaranowski	Author: Jaranowski		
Other information:								
mutations: 5.3					latum			
Wt	10799 W1	799	Ra	77318/01	L	MU	K	
Name: tenuifolius					yob/yinc:		79 / 80	
Origin: K.126					donor: Blixt	Author: Lamprecht		
Other information:								
mutations: 5.3					tenuifolius		ten	
Wt	11288 W1	1288	Ra	75605/95	L	XD	K	
Name: K.1163					yob/yinc:		79 / 80	
Origin: L 1080 * L 1133					donor: Blixt	Author: Lamprecht		
Other information: Testerline-3 chromos								
mutations: 5.3					folia oblongata		fom	
Wt	11357 W1		Ra	76794/99	L	MU	K	
Name: latum					yob/yinc:		81 / 81	
Origin: Kaliski, 0.014%NEU					donor: Swiecicki	Author: Swiecicki		
Other information:								
mutations: 5.3					latum			
Wt	11359 W1	0	Ra	76795/99	L	MU	K	
Name: latum					yob/yinc:		81 / 81	
Origin: Paloma, 200rNf/0.014%NEU					donor: Swiecicki	Author: Swiecicki		
Other information:								
mutations: 5.3					latum			
Wt	11361 W1	1361	Ra	77783/04	L	SE	K	
Name: Lamms L19					yob/yinc:		79 / 80	
Origin: SWE					donor: Blixt	Author:		
Other information: smi								
mutations: 5.3					latum			

				CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	11736 Wl	0 Ra	76805/99	L	XD	K	
Name: Cebeco 209				yob/yinc: 85 / 87			
Origin: NLD				donor: Cebeco	Author: Cebeco		
Other information:							
mutations: 5.3		rogue					
Wt	11738 Wl	1738 Ra	76807/99	L	MU	K	
Name: rogue C 16				yob/yinc: 79 / 80			
Origin: C 16				donor: Blixt	Author:		
Other information: JI 2723							
mutations: 5.3		rogue					
Wt	11739 Wl	0 Ra	76808/99	L	MU	K	
Name: rogue				yob/yinc: 81 / 81			
Origin: Paloma, 200rNf/0.014%NEU				donor: Swiecicki	Author: Swiecicki		
Other information:							
mutations: 5.3		rogue					
Wt	15730 Wl	Ra	76870/99	L	XD	K	
Name: elo-recomb.				yob/yinc: 94 / 96			
Origin: K.1449				donor: Swiecicki	Author: Swiecicki		
Other information: elo gp tl r bt ac							
mutations: 5.3		elongata					
Wt	15731 Wl	Ra	76177/96	L	XD	K	
Name: elo-recomb.				yob/yinc: 94 / 96			
Origin: K.1448				donor: Swiecicki	Author: Swiecicki		
Other information: elo b st tl							
mutations: 5.3		elongata					
Wt	15736 Wl	5736 Ra	75930/95	L	MU	K	
Name: elongata				yob/yinc: 79 / 80			
Origin: W 709				donor: Blixt	Author: Blixt		
Other information:							
mutations: 5.3		elongata					
Wt	15737 Wl	0 Ra	76155/96	L	MU	K	
Name: elongata				yob/yinc: 81 / 81			
Origin: Kaliski, 500rNf/0.014%NEU				donor: Swiecicki	Author: Swiecicki		
Other information:							
mutations: 5.3		elongata					

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5 Foliage and emergences

3 Size, foliage

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				CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	15738 W1	0 Ra	75737	V	CV	K	
Name:	Progreta				yob/yinc:	83 / 84	
Origin:	GBR			donor:	Ch.Sharpe	Author:	
Other information:							
mutations:	5.3	rogue					

5 Foliage and emergences

4 Shape, foliage

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				CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	10005 W1	5 Ra	76917/99	L	CV	K	
Name:	chenille				yob/yinc:	79 / 80	
Origin:				donor:	Blixt	Author:	FRA, Vilmorin
Other information:							
mutations:	3.3	chenille		s			
	3.5	testa reddish-brown		oh			
	5.1	wix-cerata		wb			
	5.4	insecatus		ins			
	6.1	viridis		pa,vim			
Wt	10350 W1	1785 Ra	77299/01	E	CO	K	
Name:					yob/yinc:	81 / 81	
Origin:				donor:	Blixt	Author:	
Other information:							
mutations:	5.4	unipetiole					
Wt	10407 W1	Ra	76937/99	L	MU	K	
Name:	SGE 8				yob/yinc:	96 / 97	
Origin:	RUS, Novosibirsk			donor:	S.Rozov	Author:	S.Rozov
Other information:							
mutations:	5.4			blb			
Wt	10447 W1	0 Ra	76939/99	L	MU	K	
Name:	reductus				yob/yinc:	81 / 81	
Origin:	Paloma, 0.014%NEU, 101/3/81			donor:	Swiecicki	Author:	Swiecicki
Other information:							
mutations:	5.4	reductus					
Wt	10448 W1	0 Ra	77300/01	L	MU	K	
Name:	leaves reduced				yob/yinc:	81 / 81	
Origin:	Paloma, 200rNf/0.014%NEU			donor:	Swiecicki	Author:	Swiecicki
Other information:	ls?						
mutations:	5.4	leaves reduced					
Wt	10449 W1	449 Ra	76430/95	L	SE	K	
Name:	Winges nr 37				yob/yinc:	79 / 80	
Origin:	SWE			donor:	Blixt	Author:	
Other information:							
mutations:	5.4	reductus		red			

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					CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	10450 W1	1232	Ra	76940/99	L	XD	K	
Name: K.791						yob/yinc:	81 / 81	
Origin: L 451 * L 784					donor:	Blixt	Author:	Lamprecht
Other information:								
mutations: 5.4		reductus						
Wt	10463 W1	1449	Ra	76941/99	L	XD	K	
Name: K.1279						yob/yinc:	83 / 84	
Origin: L 1076 * L 1237					donor:	Blixt	Author:	Lamprecht
Other information:								
mutations: 5.4		reductus						
Wt	10808 W1	808	Ra	77319/01	L	CO	K	
Name: P. abyssinicum						yob/yinc:	79 / 80	
Origin:					donor:	Blixt	Author:	
Other information:								
mutations: 5.4		unipetiolle		up				
5.6				ser				
Wt	11143 W1	1143	Ra	75920/95	L	MU	K	
Name: undulatifolius						yob/yinc:	79 / 80	
Origin: L 490 * L 832					donor:	Blixt	Author:	Lamprecht
Other information: Testerline-4 chromos								
mutations: 5.4		undulatifolius		un				
5.6		Incrementum		Int				
Wt	11325 W1	1748	Ra		L	XD	K	
Name: K.2315						yob/yinc:	81 / 81	
Origin: L882 * L1535					donor:	Blixt	Author:	Blixt
Other information:								
mutations: 5.4		reductus						
Wt	11403 W1	1403	Ra	77673/08	L	CO	K	
Name: WP 527						yob/yinc:	79 / 80	
Origin: AFG					donor:	Blixt	Author:	
Other information:								
mutations: 5.4		patelliformis		pat				
Wt	11446 W1	0	Ra	77332/01	L	MU	K	
Name: acutifolius						yob/yinc:	82 / 85	
Origin: Paloma, 0.014%NEU, 3064/299					donor:	Swiecicki	Author:	Swiecicki
Other information:								
mutations: 5.4		acutifolius						

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					CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	11447 W1	0 Ra	76980/99		L	MU	K	
Name: acutifolius						yob/yinc:	81 / 81	
Origin: Paloma, 200rNf/0.014%NEU					donor:	Swiecicki	Author:	Swiecicki
Other information:								
mutations: 5.4 acutifolius								
Wt	11448 W1	1448 Ra	75924/95		L	CO	K	
Name: P. transcaucasicum						yob/yinc:	79 / 80	
Origin: SUN, Georgia					donor:	Blixt	Author:	
Other information:								
mutations: 5.4 acutifolius					acu			
Wt	11527 W1	1527 Ra			L	MU	K	
Name: leaflets assymetrically reduced						yob/yinc:	79 / 80	
Origin: L 58					donor:	Blixt	Author:	Lamprecht
Other information:								
mutations: 2.1					Rpv-1,Rpv-2			
mutations: 5.4 leaflets assymetrically reduced					asre			
Wt	15878 W1	6116 Ra	76878/99		L	MU	K	
Name: narrow leaflets base						yob/yinc:	79 / 80	
Origin: Dippes Gelbe Victoria					donor:	Blixt	Author:	Gottschalk
Other information:								
mutations: 5.4 narrow leaflet base					nlb			
Wt	15887 W1	Ra	77031/99		L	XD	K	
Name: nlb - recomb.						yob/yinc:	97 / 98	
Origin: POL,K.1648					donor:	Swiecicki	Author:	Swiecicki
Other information: nlb,r,gp								
mutations: 5.4 narrow leaflet base								
Wt	15989 W1	Ra	77815/09		L	XD	K	
Name: nlb - recomb.						yob/yinc:	03 / 04	
Origin: K.2592					donor:	Swiecicki	Author:	Swiecicki
Other information: nlb det rms5 r A								
mutations: 5.4 narrow leaflet base								
Wt	15990 W1	Ra			L	XD	K	
Name: nlb-recomb.						yob/yinc:	03 / 04	
Origin: K.2592					donor:	Swiecicki	Author:	Swiecicki
Other information: nlb det rms5 nec r A								
mutations: 5.4 narrow leaflet base								

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				CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	15991 W1	Ra	77793/04	L	XD	K	
Name: nlb - recomb.				yob/yinc: 00 / 01			
Origin: K.2149				donor: Swiecicki	Author: Swiecicki		
Other information: nlb r tl gp							
mutations: 5.4		narrow leaflet base					
Wt	15993 W1	Ra	77684/08	L	XD	K	
Name: nlb-recomb.				yob/yinc: 98 / 00			
Origin: POL, K.2000				donor: Swiecicki	Author: Swiecicki		
Other information: nlb det							
mutations: 5.4		narrow leaflet base					

					CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	10213 Wl	1333	Ra	76901/99	L	CV	K	
Name: Diana					yob/yinc:		/ 71	
Origin: SWE					donor:	Blixt	Author:	
Other information: smi								
mutations: 5.5 stipules size much increased								
Wt	10214 Wl	0	Ra	76700/99	L	MU	K	
Name: Gigas					yob/yinc:		/ 71	
Origin: SWE					donor:		Author:	
Other information: A d								
mutations: 5.5 stipules size much increased								
Wt	10215 Wl	136	Ra	76908/99	L	SE	K	
Name: Goliath					yob/yinc:		/ 71	
Origin:					donor:	Blixt	Author:	
Other information: A lt								
mutations: 5.5 stipules size much increased								
Wt	10232 Wl	232	Ra	75395	L	SE	K	
Name: de Winton					yob/yinc:		79 / 80	
Origin:					donor:	Blixt	Author:	
Other information:								
mutations: 3.1 comprimere					qua			
5.5 stipule reduced					st			
8.3 alae keel-like					k			
Wt	10972 Wl	0	Ra	76556/97	L	CO	K	
Name: Miejscowy z Ukrainy					yob/yinc:		83 / 85	
Origin: SUN					donor:	IHAR	Author:	
Other information:								
mutations: 5.5 stipule reduced								
Wt	10973 Wl	0	Ra	76557/97	L	CO	K	
Name: Miejscowy z Syrii					yob/yinc:		83 / 85	
Origin: SYR					donor:	IHAR	Author:	
Other information:								
mutations: 5.5 stipule reduced								
Wt	11072 Wl	1072	Ra	75072	L	XD	K	
Name: K.639					yob/yinc:		79 / 80	
Origin: L 565 * L 603					donor:	Blixt	Author: Lamprecht	
Other information:								
mutations: 5.5 stipulae asymmetricae					stia			

					CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	11080 W1	1080	Ra	77768/04	L	XD	K	
Name: K.747					yob/yinc:		79 / 80	
Origin: L 578 * L 741					donor:	Blixt	Author:	Lamprecht
Other information: JI 56								
mutations:	3.1	comprimere			com			
	3.7	ventriosus			ve			
	3.7				Cal			
	5.5	contrahere			cont			
	8.1	superobscurum			sob			
	8.4				Pafl			
	9.2	contractivus			cotr			
	9.2	tenuis			teu			
Wt	11291 W1	0	Ra	76013/94	L	MU	K	
Name: heterophylus					yob/yinc:		81 / 81	
Origin: Paloma, 200rNf/0.014%NEU					donor:	Swiecicki	Author:	Swiecicki
Other information:								
mutations:	5.5	cochlearis			coch-het			
Wt	11294 W1	0	Ra	77669/08	L	MU	K	
Name: heterophylus					yob/yinc:		81 / 81	
Origin: Paloma, 200rNf/0.014%NEU					donor:	Swiecicki	Author:	Swiecicki
Other information:								
mutations:	5.5	cochlearis						
Wt	11295 W1	0	Ra	75400	L	MU	K	
Name: heterophylus					yob/yinc:		81 / 81	
Origin: Paloma, 200rNf/0.014%NEU					donor:	Swiecicki	Author:	Swiecicki
Other information:								
mutations:	5.5	cochlearis						
Wt	11301 W1	0	Ra	75219	L	MU	K	
Name: butterfly stipules					yob/yinc:		82 / 85	
Origin: Paloma, 200rNf/0.014%NEU					donor:	Swiecicki	Author:	Swiecicki
Other information:								
mutations:	5.5	stipule reduced						
Wt	11303 W1		Ra	76916/99	L	XD	K	
Name: het-recombinant					yob/yinc:		86 / 90	
Origin: K.315 ;848/81/86					donor:	Swiecicki	Author:	Swiecicki
Other information: t l r het								
mutations:	5.5	cochlearis						

				CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	11304 W1	Ra	76972/99	L	XD	K	
Name: het-recombinant				yob/yinc:		86 / 90	
Origin: K.315;848/113/86				donor:	Swiecicki	Author:	Swiecicki
Other information: cp te gp het							
mutations:		5.5 cochlearis					
Wt	11311 W1	Ra	76014/94	L	MU	K	
Name: butterfly stipules				yob/yinc:		88 / 90	
Origin: sel.from Wt11291,200r/0.014NEU				donor:	Swiecicki	Author:	Swiecicki
Other information:							
mutations:		5.5 stipule reduced		st-bs			
Wt	11312 W1	Ra		L	XD	K	
Name: het-recombinant				yob/yinc:		89 / 91	
Origin: Wt11291 x Wt16144				donor:	Swiecicki	Author:	Swiecicki
Other information: het gp gn							
mutations:		5.5 cochlearis					
Wt	11316 W1	Ra	76663/98	L	XD	K	
Name: ZIF 211				yob/yinc:		91 / 92	
Origin: Remus				donor:	Skarzynska	Author:	
Other information:							
mutations:		5.5 long stipules					
Wt	11317 W1	Ra	76581/97	V	CV	K	
Name: Remus				yob/yinc:		91 / 92	
Origin:				donor:	Skarzynska	Author:	
Other information:							
mutations:		5.5					
Wt	11318 W1	Ra	77811/09	L	XD	K	
Name: ls - recomb.				yob/yinc:		08 / 09	
Origin: K.2928				donor:	Swiecicki	Author:	Swiecicki
Other information: ls,fa,led,n							
mutations:		5.5 long stipules					
Wt	11323 W1	Ra	76790/99	L	XD	K	
Name: st>bs-recombinant				yob/yinc:		91 / 92	
Origin: K.1013				donor:	Swiecicki	Author:	Swiecicki
Other information: st>bs M b							
mutations:		5.5 stipule reduced					

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					CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	11520 W1	1520	Ra	76905/99	L	MU	K	
Name: stipula imminuata					yob/yinc:		79 / 80	
Origin: L 680					donor:	Blixt	Author:	
Other information:								
mutations: 5.5 stipula imminuata					stim			
Wt	12375 W1		Ra	76691/98	L	XD	K	
Name: smi - recomb.					yob/yinc:		97 / 98	
Origin: POL,K.1659					donor:	Swiecicki	Author: Swiecicki	
Other information: smi,Arg,Pl								
mutations: 5.5 stipule size much increased								
Wt	12376 W1		Ra	77343/01	L	XD	K	
Name: M 295					yob/yinc:		97 / 99	
Origin: USA, W6 15310					donor:	Pullman	Author: Marx	
Other information: smi wlo								
mutations: 5.5 stipule size much increased								
Wt	15877 W1	5284	Ra	76444/95	L	MU	K	
Name: stipules accreted					yob/yinc:		79 / 80	
Origin: Parvus					donor:	Blixt	Author: Blixt	
Other information: =art1								
mutations: 5.5 stipules accreted								

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					CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	10002 W1	2 Ra	75589		L	CV	K	
Name:	Goldkonig					yob/yinc:	79 / 80	
Origin:					donor: Blixt	Author:		
Other information:								
mutations:	5.6	scalaris forma			td			
	6.1	flavoviridis			o			
	8.8	Bracteatus			Br			
	9.2	acutilegumen			bt			
Wt	10006 W1	6 Ra	75394		L	SE	K	
Name:	Mummy-pea					yob/yinc:	79 / 80	
Origin:					donor: Blixt	Author:		
Other information:								
mutations:	4.3	fasciata			fa,fas			
	5.6				Td			
Wt	10808 W1	808 Ra	77319/01		L	CO	K	
Name:	P. abyssinicum					yob/yinc:	79 / 80	
Origin:					donor: Blixt	Author:		
Other information:								
mutations:	5.4	unipetiolle			up			
	5.6				ser			
Wt	11143 W1	1143 Ra	75920/95		L	MU	K	
Name:	undulatifolius					yob/yinc:	79 / 80	
Origin:	L 490 * L 832				donor: Blixt	Author:	Lamprecht	
Other information:	Testerline-4 chromos							
mutations:	5.4	undulatifolius			un			
	5.6	Incrementum			Int			
Wt	11144 W1	0 Ra	75882/89		L	MU	K	
Name:	undulatifolius					yob/yinc:	81 / 81	
Origin:	Paloma, 200rNf/0.014%NEU				donor: Swiecicki	Author:	Swiecicki	
Other information:								
mutations:	5.6	undulatifolius						
Wt	11286 W1	0 Ra	76969/99		L	XD	K	
Name:	Inci-recombinant					yob/yinc:	93 / 94	
Origin:	K.1042				donor: Swiecicki	Author:	POL, Swiecicki	
Other information:	Inci Lap1/S b							
mutations:	5.6	Incisus						

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				CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	11287 Wl		Ra 77328/01	L	XD	K	
	Name: Inci-recombinant				yob/yinc: 93 / 94		
	Origin: K.1042			donor: Swiecicki	Author: POL, Swiecicki		
	Other information: Inci Lap1/S b						
	mutations: 5.6	incisus					
Wt	11290 Wl		Ra 76148/96	L	XD	K	
	Name: Inci-recombinant				yob/yinc: 89 / 90		
	Origin: K.713;720/11,111,147/89			donor: Swiecicki	Author: Swiecicki		
	Other information: Inci b						
	mutations: 5.6	Incisus					
Wt	12125 Wl	2125	Ra 76677/98	L	PO	K	
	Name: P. arvense WS 938				yob/yinc: 79 / 80		
	Origin: Ryssland			donor: Blixt	Author:		
	Other information:						
	mutations: 5.6	Serratus		Ser			
Wt	12126 Wl	1414	Ra 75734	L	CO	K	
	Name: P. arvense WS 938				yob/yinc: 81 / 81		
	Origin: Ryssland			donor: Blixt	Author:		
	Other information:						
	mutations: 5.6	serratus					
Wt	15856 Wl	5305	Ra 76874/99	L	MU	K	
	Name: multimicrodentatus				yob/yinc: 79 / 80		
	Origin: Weitor			donor: Blixt	Author: Blixt		
	Other information:						
	mutations: 5.6	multimicrodentatus					
Wt	16155 Wl		Ra 75632	E	PO	K	
	Name: Anthocyanin dots				yob/yinc: / 90		
	Origin: Pop.from P.tibeticum			donor: Crampton	Author: Swiecicki		
	Other information:						
	mutations: 5.6	Incisus		Inci Repr.			
	5.7	Anthocyanin dots		And			

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7 Miscellaneous, emergences etc

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				CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	10030 W1	30 Ra	76696/99	L	MU	K	
Name: Rostige samen				yob/yinc: 79 / 80			
Origin:				donor: Blixt	Author: Tedin		
Other information:							
mutations: 5.7				D>co			
Wt	10102 W1	102 Ra	77755/04	L	CV	K	
Name: Acacia				yob/yinc: 79 / 80			
Origin:				donor: Blixt	Author: FRA, Vilmorin		
Other information:							
mutations: 2.3				sterile nodes few lf>d			
4.2				brevi-internodium le			
5.2				clavicula tl			
5.7				aeromaculata fl			
Wt	10191 W1	0 Ra	76408/95	L	XD	K	
Name: Nr 34				yob/yinc: / 75			
Origin: clavicula * Kosieczynska				donor: Jaranowski	Author: Jaranowski		
Other information:							
mutations: 5.2				clavicula			
5.7				Anthocyanin margin			
Wt	10216 W1	0 Ra	76701/99	V	CV	K	
Name: Krasnojarski				yob/yinc: /			
Origin: SUN				donor:	Author:		
Other information: A, d							
mutations: 5.7				maculum			
Wt	10217 W1	0 Ra	76137/96	L	MU	K	
Name: Tapioi				yob/yinc: /			
Origin: HUN				donor: Tapioszele	Author:		
Other information: A, d							
mutations: 5.7				maculum			
Wt	10224 W1	0 Ra	76920/99	L	PO	K	
Name: Population - 2 (3167)				yob/yinc: /			
Origin: AFG				donor: Crampton	Author:		
Other information:							
mutations: 5.7				Anthocyanin seedlings			
8.1				fuscopurpureus			

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					CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	10225	Wl	0 Ra	75912/89	E	PO	K	
Name: Population - 1					yob/yinc: /			
Origin: IND					donor: Sharma	Author:		
Other information:								
mutations: 5.7 Anthocyanin seedlings					Ans			
8.1 roseus								
Wt	10226	Wl	226 Ra	75725	L	CO	K	
Name: P. elatius					yob/yinc: 79 / 80			
Origin:					donor: Blixt	Author:		
Other information:								
mutations: 5.7 maculum					d			
Wt	10227	Wl	0 Ra	76921/99	L	PO	K	
Name: Population - 3					yob/yinc: /			
Origin: AUS					donor: Aitken	Author:		
Other information: Ans								
mutations: 5.7 Anthocyanin seedlings								
8.1 roseus								
Wt	10400	Wl	Ra	76934/99	L	XD	K	
Name: Anm-recomb.					yob/yinc: 93 / 96			
Origin: K.1266					donor: Swiecicki	Author: Swiecicki		
Other information: Anm Arg wlo art1								
mutations: 5.7 Anthocyanin margin								
Wt	10401	Wl	Ra	76935/99	L	XD	K	
Name: Anm-recomb.					yob/yinc: 93 / 96			
Origin: K.1264					donor: Swiecicki	Author: Swiecicki		
Other information: Anm creep ce								
mutations: 5.7 Anthocyanin margin								
Wt	10402	Wl	Ra	76936/99	L	XD	K	
Name: Anm-recomb.					yob/yinc: 93 / 96			
Origin: K.1268,Anm,b,st,Lap1/F					donor: Swiecicki	Author: Swiecicki		
Other information: +Ra 76173								
mutations: 5.7 Anthocyanin margin								
Wt	10478	Wl	Ra	77306/01	L	MU	K	
Name: golden necrosis					yob/yinc: 98 / 99			
Origin: Tambo, 1.5mM SA					donor: Swiecicki	Author: Swiecicki		
Other information:								
mutations: 5.7 golden necrosis								

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				CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	10480 W1	Ra	77307/01	L	MU	K	
Name: supraeromaculata				yob/yinc:		98 / 99	
Origin: Tambo, 1.5mM SA				donor:	Swiecicki	Author:	Swiecicki
Other information:							
mutations: 5.7 supraeromaculata							
Wt	10486 W1	Ra	77311/01	L	XD	K	
Name: aero-recomb.				yob/yinc:		99 / 00	
Origin: POL				donor:	Swiecicki	Author:	Swiecicki
Other information: aero am1							
mutations: 5.7 supraeromaculata							
Wt	10579 W1	0 Ra	76650/98	L	MU	K	
Name: aeromaculata				yob/yinc:		81 / 81	
Origin: Kaliski, 0.014%NEU, 195/81				donor:	Swiecicki	Author:	Swiecicki
Other information:							
mutations: 5.7 aeromaculata							
Wt	10581 W1	581 Ra	75918/89	L	CV	K	
Name: Air Space				yob/yinc:		79 / 80	
Origin:				donor:	Blixt	Author:	Rasmusson
Other information:							
mutations: 5.7				Fl>w			
Wt	10584 W1	5837 Ra	76748/99	L	MU	K	
Name: supraeromaculata-10				yob/yinc:		83 / 84	
Origin: Torsdag				donor:	Blixt	Author:	SUN, Sidorova
Other information:							
mutations: 5.7 supraeromaculata				aero			
Wt	10585 W1	5856 Ra	76749/99	L	MU	K	
Name: supraeromaculata-8				yob/yinc:		83 / 84	
Origin: Torsdag				donor:	Blixt	Author:	SUN, Sidorova
Other information:							
mutations: 5.7 supraeromaculata							
Wt	10586 W1	Ra	76750/99	L	XD	K	
Name: aero - recomb.				yob/yinc:		97 / 98	
Origin: POL,K.1641				donor:	Swiecicki	Author:	Swiecicki
Other information: aero,i							
mutations: 5.7 supraeromaculata							

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				CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	10587 Wl	Ra	76751/99	L	XD	K	
Name: aero - recomb.							
Origin: POL,K.1641							
Other information: aero,I							
mutations: 5.7 supraeromaculata							
Wt	10588 Wl	Ra	77659/08	L	XD	K	
Name: aero recomb.							
Origin: K.1923							
Other information: aero i af							
mutations: 5.7 supraeromaculata							
Wt	11168 Wl	Ra	77666/08	L	XD	K	
Name: M 008							
Origin: USA, W6 15102							
Other information: aero a i r le							
mutations: 5.7 supraeromaculata							
Wt	11319 Wl	0 Ra	76911/99	L	MU	K	
Name: leaf edge necrosis							
Origin: Kaliski ,350rNf/0.014%NEU							
Other information:							
mutations: 5.7 leaf edge necrosis len 2							
Wt	11430 Wl	1430 Ra	76979/99	L	CO	K	
Name: PI 222117							
Origin: AFG							
Other information:							
mutations: 5.7 D>ma							
Wt	11431 Wl	Ra	76176/96	L	PO	K	
Name: Anthocyanin stem							
Origin: USA, PI 356 980							
Other information: maculum?							
mutations: 5.7 Anthocyanin stem							
Wt	11438 Wl	1438 Ra	75730	L	CO	K	
Name: Nr 519							
Origin: Y.C.B. Ankara							
Other information:							
mutations: 5.7 D>w							

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					CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	12124 W1	2124	Ra	76843/99	E	PO	K	
Name: WP 525a					yob/yinc: 79 / 80			
Origin: AFG					donor: Blixt	Author:		
Other information:								
mutations: 2.1		res. Peronospora viciae			rpv-1, Rpv-2			
5.7					D>tet			
Wt	12364 W1		Ra	77342/01	L	XD	K	
Name: M 308					yob/yinc: 97 / 99			
Origin: USA, W6 15318					donor: Pullman	Author: Marx		
Other information: led a i r le								
mutations: 5.7		grey green foliage						
Wt	12367 W1	2367	Ra	75735	L	SE	K	
Name: C 77-14					yob/yinc: 79 / 80			
Origin: USA					donor: Blixt	Author: Marx		
Other information:								
mutations: 5.7		Argenteum			Arg			
Wt	12368 W1		Ra	76852/00	L	MU	K	
Name: grey green foliage					yob/yinc: 91 / 92			
Origin: Ceres					donor: Weeden,USA	Author:		
Other information:								
mutations: 5.7		grey-green foliage			led			
Wt	12369 W1		Ra	76853/99	L	XD	K	
Name: led-recomb.					yob/yinc: 93 / 96			
Origin: K.1287					donor: Swiecicki	Author: Swiecicki		
Other information: led v								
mutations: 5.7		grey green foliage						
Wt	12370 W1		Ra	77004/99	L	XD	K	
Name: led-recomb.					yob/yinc: 96 / 96			
Origin: K.1635					donor: Swiecicki	Author: Swiecicki		
Other information: led sil af Alalp/F								
mutations: 5.7		grey green foliage						
Wt	12374 W1		Ra	76914/99	L	XD	K	
Name: Arg - recomb.					yob/yinc: 97 / 98			
Origin: POL,K.1659					donor: Swiecicki	Author: Swiecicki		
Other information: Arg,art-2,wlo,Pl								
mutations: 5.7		Argenteum						

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				CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	12377 W1	Ra	77813/09	L	XD	K	
Name: Arg-recomb.				yob/yinc:		04 / 05	
Origin: K.2393, POL				donor:	Swiecicki	Author:	Swiecicki
Other information: Arg Pl Gty							
mutations: 5.7 argenteum							
Wt	15850 W1	Ra		L	XD	K	
Name: pal - recomb.				yob/yinc:		97 / 98	
Origin: POL,K.1753				donor:	Swiecicki	Author:	Swiecicki
Other information: pal,lf,af							
mutations: 5.7 papery leaves							
Wt	15851 W1	Ra	77728/04	L	XD	K	
Name: pal-recomb.				yob/yinc:		03 / 04	
Origin: K.2588				donor:	Swiecicki	Author:	Swiecicki
Other information: pal rms3							
mutations: 5.7 papery leaves							
Wt	15858 W1	Ra	77680/08	L	XD	K	
Name: pal - recombinant				yob/yinc:		90 / 90	
Origin: K.845, Wt15869 x Wt11238				donor:	Swiecicki	Author:	Swiecicki
Other information: pal A							
mutations: 5.7 papery leaves							
Wt	15867 W1	Ra		L	XD	K	
Name: pal - recomb.				yob/yinc:		95 / 95	
Origin: K.1304				donor:	Swiecicki	Author:	Swiecicki
Other information: pal af							
mutations: 5.7 papery leaves							
Wt	15869 W1	Ra	0	L	MU	K	
Name: papery leaves				yob/yinc:		82 / 85	
Origin: Porta, 200rNf				donor:	Swiecicki	Author:	Swiecicki
Other information:							
mutations: 5.7 papery leaves							
Wt	15872 W1	Ra	5872	76876/99	L	MU	K
Name: burnt leaf				yob/yinc:		/	
Origin:				donor:	Blixt	Author:	Sharma
Other information:							
mutations: 5.7 burnt leaf							
				yob/yinc:		/	
				donor:	Blixt	Author:	Sharma
Other information:							
mutations: 5.7 burnt leaf							
				yob/yinc:		/	
				donor:	Blixt	Author:	Sharma
Other information:							
mutations: 5.7 burnt leaf							
				yob/yinc:		/	
				donor:	Blixt	Author:	Sharma
Other information:							
mutations: 5.7 burnt leaf							

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				CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	15998 W1	Ra	77032/99	L	XD	K	
Name: nec-recombinant							
Origin: K.693;708/18,30/89							
Other information: nec gp 6Pgd-c							
mutations: 5.7 necrosis							
Wt	16032 W1	Ra	76685/98	L	XD	K	
Name: nec-recombinant							
Origin: K. 692							
Other information: nec ce fs							
mutations: 5.7							
Wt	16033 W1	Ra	76686/98	L	XD	K	
Name: nec-recombinant							
Origin: K. 692							
Other information: nec ce creep							
mutations: 5.7							
Wt	16093 W1	Ra	77360/01	L	XD	K	
Name: bls-recomb.							
Origin: K.1142							
Other information: bls Arg Pl							
mutations: 5.7 brown leaf spots							
Wt	16094 W1	Ra	76890/99	L	XD	K	
Name: bls-recomb.							
Origin: K.1141							
Other information: bls Gpic/s Pl							
mutations: 5.7 brown leaf spots							
Wt	16116 W1	0 Ra	77363/01	L	MU	K	
Name: leaf edge necrosis							
Origin: Kaliski, 500rNf/0.014%NEU							
Other information:							
mutations: 5.7 leaf edge necrosis							
Wt	16120 W1	0 Ra	77716/08	L	MU	K	
Name: brown leaf spots							
Origin: Paloma, 0.014%NEU, 3064/337/80							
Other information:							
mutations: 5.7 brown leaf spots bls							

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				CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	16122 W1	0 Ra	77364/01	L	MU	K	
Name: lignified leaf petiole				yob/yinc:		81 / 81	
Origin: Paloma, 200rNf/0.014%NEU				donor:	Swiecicki	Author:	Swiecicki
Other information:							
mutations: 5.7 lignified leaf petiole							
Wt	16124 W1	0 Ra	75931/89	L	MU	K	
Name: necrosis				yob/yinc:		81 / 81	
Origin: Paloma, 200rNf/0.014%NEU				donor:	Swiecicki	Author:	Swiecicki
Other information:							
mutations: 5.7 necrosis				nec			
Wt	16127 W1	0 Ra	77365/01	L	XD	K	
Name: nec, af-recombinant				yob/yinc:		83 / 85	
Origin: Wt 16124 * afila				donor:	Swiecicki	Author:	Swiecicki
Other information:							
mutations: 5.7 necrosis							
Wt	16128 W1	0 Ra	77044/99	L	MU	K	
Name: necrosis				yob/yinc:		82 / 85	
Origin: Paloma, 200rNf/0.014%NEU				donor:	Swiecicki	Author:	Swiecicki
Other information:							
mutations: 5.7 necrosis							
Wt	16129 W1	0 Ra	77045/99	L	MU	K	
Name: golden necrosis				yob/yinc:		82 / 85	
Origin: Paloma, 200rNf/0.014%NEU				donor:	Swiecicki	Author:	Swiecicki
Other information:							
mutations: 5.7 golden necrosis				gn			
Wt	16130 W1	0 Ra	77046/99	L	MU	K	
Name: necrosis				yob/yinc:		82 / 85	
Origin: Paloma, 0,014%NEU, 3064/479				donor:	Swiecicki	Author:	Swiecicki
Other information:							
mutations: 5.7 necrosis							
Wt	16131 W1	0 Ra	75869/88	L	MU	K	
Name: leaf edge necrosis				yob/yinc:		82 / 85	
Origin: Kaliski, 0,014%NEU, 3066/418				donor:	Swiecicki	Author:	Swiecicki
Other information:							
mutations: 5.7 leaf edge necrosis				len 3			

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				CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	16135 Wl	Ra	76895/99	L	XD	K	
Name: len3 - recomb.							
Origin: K.1022							
Other information: len3 Pl							
mutations: 5.7 leaf edge necrosis							
Wt	16142 Wl	0 Ra	77047/99	L	XD	K	
Name: nec, gp-recombinant							
Origin: Wt 16124 * Wl 1238							
Other information:							
mutations: 5.7 necrosis							
Wt	16143 Wl	0 Ra	76896/99	L	XD	K	
Name: nec, gp-recombinant							
Origin: Wt 16124 * Wl 1238							
Other information:							
mutations: 5.7 necrosis							
Wt	16144 Wl	0 Ra	75933/89	L	XD	K	
Name: gn, gp-recombinant							
Origin: Wt 16129 * Wt 11238							
Other information:							
mutations: 5.7 golden necrosis							
Wt	16146 Wl	Ra	76583/97	L	XD	K	
Name: And-recombinant							
Origin: K.713;720/69,93,114/89							
Other information: And d							
mutations: 5.7 Anthocyanin dots							
Wt	16147 Wl	Ra	76577/97	L	XD	K	
Name: And-recombinant							
Origin: K.715;722/32,75,94/89							
Other information: And b Inci							
mutations: 5.7 Anthocyanin dots							
Wt	16148 Wl	0 Ra	77350/01	L	XD	K	
Name: And-recombinant							
Origin: K.716;724/58,83,138/89							
Other information: And tl wsp r Inci							
mutations: 5.7 Anthocyanin dots							

5 Foliage and emergences

7 Miscellaneous, emergences etc

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				CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	16149 Wl	Ra	76578/97	L	XD	K	
Name: And-recombinant				yob/yinc:		89 / 90	
Origin: K.717;725/22,30,8,11/89				donor:	Swiecicki	Author:	Swiecicki
Other information: And creep Inci							
mutations:		5.7 Anthocyanin dots					
Wt	16150 Wl	Ra	77048/99	L	XD	K	
Name: And-recombinant				yob/yinc:		89 / 90	
Origin: K.718;726/17,74/89				donor:	Swiecicki	Author:	Swiecicki
Other information: And n							
mutations:		5.7 Anthocyanin dots					
Wt	16152 Wl	Ra	76579/97	L	XD	K	
Name: Ans-recombinant				yob/yinc:		89 / 90	
Origin: K.719;727/87/89				donor:	Swiecicki	Author:	Swiecicki
Other information: Ans d							
mutations:		5.7 Anthocyanin seedlings					
Wt	16153 Wl	Ra	77049/99	L	XD	K	
Name: Ans-recombinant				yob/yinc:		89 / 90	
Origin: K.723;732/32,150/89				donor:	Swiecicki	Author:	Swiecicki
Other information: Ans creep ce fs							
mutations:		5.7 Anthocyanin seedlings					
Wt	16154 Wl	Ra	77050/99	L	XD	K	
Name: And - recombinant				yob/yinc:		90 / 90	
Origin: K.816, Wt702 x Wt10345				donor:	Swiecicki	Author:	Swiecicki
Other information: And d Idh/F							
mutations:		5.7 Anthocyanin dots					
Wt	16155 Wl	Ra	75632	E	PO	K	
Name: Anthocyanin dots				yob/yinc:		/ 90	
Origin: Pop.from P.tibeticum				donor:	Crampton	Author:	Swiecicki
Other information:							
mutations:		5.6 Incisus		Inci Repr.			
		5.7 Anthocyanin dots		And			
Wt	16156 Wl	Ra	77051/99	L	XD	K	
Name: gn-recombinant				yob/yinc:		84 / 90	
Origin: Wt16129 x Wt11238				donor:	Swiecicki	Author:	Swiecicki
Other information:							
mutations:		5.7 gold necrosis					

				CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	10002 W1	2 Ra	75589	L	CV	K	
Name:	Goldkonig			yob/yinc:	79 / 80		
Origin:				donor:	Blixt	Author:	
Other information:							
mutations:	5.6	scalaris forma		td			
	6.1	flavoviridis		o			
	8.8	Bracteatus		Br			
	9.2	acutilegumen		bt			
Wt	10005 W1	5 Ra	76917/99	L	CV	K	
Name:	chenille			yob/yinc:	79 / 80		
Origin:				donor:	Blixt	Author:	FRA, Vilmorin
Other information:							
mutations:	3.3	chenille		s			
	3.5	testa reddish-brown		oh			
	5.1	wix-cerata		wb			
	5.4	insecatus		ins			
	6.1	viridis		pa,vim			
Wt	10110 W1	110 Ra	75827/88	L	CV	K	
Name:	Kungsart			yob/yinc:	79 / 80		
Origin:	Roi des Gourmands			donor:	Blixt	Author:	
Other information:							
mutations:	6.1			Pa,Vim			
	8.1	anthocyanin-inhibition		a-1			
Wt	10341 W1	341 Ra	75397	L	MU	K	
Name:	Teilwachsig			yob/yinc:	79 / 80		
Origin:	English Wonder			donor:	Blixt	Author:	Nilsson
Other information:							
mutations:	5.1	supra-incerata		wlo			
	6.1	viridis		pa,Vim			
Wt	10761 W1	761 Ra	76948/99	L	XD	K	
Name:	K.199			yob/yinc:	79 / 80		
Origin:	L.118 * L.206			donor:	Blixt	Author:	Lamprecht
Other information:							
mutations:	6.1	viridis		Pa,vim			

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6 Chlorophyll mutants

1 Normal colours

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					CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	11160 W1	1407	Ra	76563/97	E	CO	K	
Name: WP 538c					yob/yinc:		81 / 81	
Origin: AFG					donor:	Blixt	Author:	
Other information:								
mutations: 6.1 flavoviridis								
Wt	11161 W1	1450	Ra	76962/99	L	XD	K	
Name: K.1279					yob/yinc:		81 / 81	
Origin:					donor:	SWE, Blixt	Author: SWE, Lamprecht	
Other information:								
mutations: 6.1 flavoviridis								
Wt	12112 W1		Ra	77337/01	L	XD	K	
Name: M 466					yob/yinc:		97 / 99	
Origin: USA, W6 15418					donor:	Pullman	Author: Marx	
Other information: cov A le								
mutations: 6.1 coeruleovirens								
Wt	12113 W1		Ra	77338/01	L	XD	K	
Name: M 040					yob/yinc:		97 / 99	
Origin: USA, W6 15129					donor:	Pullman	Author: Marx	
Other information: cov A d le er								
mutations: 6.1 coeruleovirens								
Wt	12132 W1	2132	Ra	75928/89	L	CV	K	
Name: Early Perfection					yob/yinc:		79 / 80	
Origin: Mark Mean Seed Co.					donor:	Blixt	Author:	
Other information:								
mutations: 6.1 coeruleovirens					cov			

6 Chlorophyll mutants

2 Chlorotica

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				CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	10887 W1	887 Ra		L	MU	K	
Name:	chlorotica				yob/yinc:	/	
Origin:				donor:	Blixt	Author:	
Other information:							
mutations:	6.2	chlorotica		chi-23			
Wt	11019 W1	0 Ra	75604/95	L	SE	K	
Name:	chi-top				yob/yinc:	81 / 85	
Origin:	spont. from Wt 6103			donor:	Swiecicki	Author:	Swiecicki
Other information:							
mutations:	6.2	chlorotica top lighter		chi 33			
Wt	11020 W1	Ra	76768/99	L	XD	K	
Name:	chi-33 - recombinant				yob/yinc:	92 / 94	
Origin:	K.1052			donor:	Swiecicki	Author:	Swiecicki
Other information:	chi33 wlo Pl						
mutations:	6.2	chlorotica					
Wt	11021 W1	Ra	76902/99	L	XD	K	
Name:	chi-33 - recomb.				yob/yinc:	94 / 97	
Origin:	POL, K.1317			donor:	Swiecicki	Author:	Swiecicki
Other information:	chi-33 Arg Pl						
mutations:	6.2	chlorotica					
Wt	11022 W1	Ra	77663/08	L	XD	K	
Name:	chi33 - recomb.				yob/yinc:	00 / 01	
Origin:	K.1598			donor:	Swiecicki	Author:	Swiecicki
Other information:	chi33 Pl wlo Fl>w						
mutations:	6.2	chlorotica					
Wt	11023 W1	Ra	77763/04	L	XD	K	
Name:	chi33 - recomb.				yob/yinc:	00 / 01	
Origin:	K.2207			donor:	Swiecicki	Author:	Swiecicki
Other information:	chi33 Gty Pl						
mutations:	6.2	chlorotica					
Wt	11024 W1	Ra		L	MU	K	
Name:	chlorotica				yob/yinc:	98 / 01	
Origin:	Tambo, 1.5mM SA			donor:	Swiecicki	Author:	Swiecicki
Other information:							
mutations:	6.2	chlorotica					

6 Chlorophyll mutants

2 Chlorotica

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			CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	11025 W1	Ra	77764/04	L	XD	K
	Name: chi33-recomb.				yob/yinc: 96 / 03	
	Origin: K.1317			donor: Swiecicki	Author: Swiecicki	
	Other information: chi33 wlo					
	mutations: 6.2					chlorotica
Wt	11026 W1	Ra	77765/04	L	XD	K
	Name: chi33-recomb.				yob/yinc: 96 / 03	
	Origin: K.1317			donor: Swiecicki	Author: Swiecicki	
	Other information: chi33 art1					
	mutations: 6.2					chlorotica
Wt	11027 W1	Ra	77766/04	L	XD	K
	Name: chi33-recomb.				yob/yinc: 01 / 04	
	Origin: K.2206			donor: Swiecicki	Author: Swiecicki	
	Other information: chi33 Pl Arg					
	mutations: 6.2					chlorotica
Wt	11028 W1	Ra		L	XD	K
	Name: chi15-recomb.				yob/yinc: 02 / 04	
	Origin: K.2434			donor: Swiecicki	Author: Swiecicki	
	Other information: chi15 Arg art wlo Pl					
	mutations: 6.2					chlorotica
Wt	11029 W1	Ra	77767/04	L	XD	K
	Name: chi33-recomb				yob/yinc: 02 / 04	
	Origin: K.1317			donor: Swiecicki	Author: Swiecicki	
	Other information: chi33 Arg Pl					
	mutations: 6.2					chlorotica
Wt	11030 W1	Ra		L	XD	K
	Name: chi33-recomb.				yob/yinc: 03 / 05	
	Origin: K.1317, POL			donor: Swiecicki	Author: Swiecicki	
	Other information: chi33 Pl Arg wlo					
	mutations: 6.2					chlorotica
Wt	11031 W1	Ra		L	XD	K
	Name: chi15 - recomb.				yob/yinc: 08 / 09	
	Origin: K.3235			donor: Swiecicki	Author: Swiecicki	
	Other information: chi15, Gty					
	mutations: 6.2					chlorotica

					CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	11147 W1	1147	Ra	77770/04	L	MU	K	
Name: chlorotica						yob/yinc:	/	
Origin:					donor: Blixt	Author:	Wells	
Other information: JI 2702								
mutations: 6.2		chlorotica			chi-1			
Wt	15042 W1	5042	Ra	77344/01	L	MU	K	
Name: chlorotica						yob/yinc:	79 / 80	
Origin: Weitor					donor: Blixt	Author:	Blixt	
Other information:								
mutations: 6.2		chlorotica			chi-2			
Wt	15045 W1	5045	Ra	77007/99	L	MU	K	
Name: chlorotica						yob/yinc:	79 / 80	
Origin: Weitor					donor: Blixt	Author:	Blixt	
Other information:								
mutations: 6.2		chlorotica			chi-5			
Wt	15048 W1	5048	Ra	75929/89	L	MU	K	
Name: chlorotica						yob/yinc:	79 / 80	
Origin: Weitor					donor: Blixt	Author:	Blixt	
Other information:								
mutations: 6.2		chlorotica			chi-3			
Wt	15049 W1	5049	Ra	76860/99	L	MU	H	
Name: lac						yob/yinc:	79 / 80	
Origin: Weitor					donor: Blixt	Author:	Blixt	
Other information:								
mutations: 10.2		laciniata						
mutations: 6.2		chlorotica			chi4			
Wt	15061 W1		Ra	77786/04	L	XD	K	
Name: M 104						yob/yinc:	97 / 99	
Origin: USA, W6 15178					donor: Pullman	Author:	Marx	
Other information: chi6 apu tac st r								
mutations: 6.2		chlorotica						

6 Chlorophyll mutants

2 Chlorotica

7 października 2013

					CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	15063 Wl	5063	Ra		L	MU	K	
Name:	chlorotica					yob/yinc:	79 / 80	
Origin:	Weitor				donor:	Blixt	Author:	Blixt
Other information:								
mutations:	3.2	seed size and weight			sg-2			
	6.2	chlorotica			chi-6			
	9.2	twisted pod			twp			
Wt	15064 Wl	5064	Ra	76861/99	L	MU	K	
Name:	chlorotica					yob/yinc:	79 / 80	
Origin:	Weitor				donor:	Blixt	Author:	Blixt
Other information:								
mutations:	6.2	chlorotica			chi-18			
Wt	15129 Wl	5129	Ra	77010/99	L	MU	K	
Name:	chlorotica					yob/yinc:	79 / 80	
Origin:	Weitor				donor:	Blixt	Author:	Blixt
Other information:								
mutations:	6.2	chlorotica			chi-7			
Wt	15130 Wl	5130	Ra	76864/99	L	MU	K	
Name:	chlorotica					yob/yinc:	79 / 80	
Origin:	Weitor				donor:	Blixt	Author:	Blixt
Other information:								
mutations:	6.2	chlorotica			chi-19			
Wt	15134 Wl	5134	Ra		L	MU	K	
Name:	chlorotica					yob/yinc:	79 / 80	
Origin:	Weitor				donor:	Blixt	Author:	Blixt
Other information:	JI 2747							
mutations:	6.2	chlorotica			chi-9			
Wt	15135 Wl	5470	Ra	76865/99	L	MU	K	
Name:	chlorotica marginata					yob/yinc:	79 / 80	
Origin:					donor:	Blixt	Author:	Blixt
Other information:								
mutations:	6.2	chlorotica						
Wt	15152 Wl	5152	Ra	76866/99	L	MU	K	
Name:	chlorotica					yob/yinc:	79 / 80	
Origin:	Weitor				donor:	Blixt	Author:	Blixt
Other information:								
mutations:	6.2	chlorotica			chi-25			

6 Chlorophyll mutants

2 Chlorotica

7 października 2013

					CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	15243 W1	5243	Ra	76867/99	L	MU	K	
Name: chlorotica					yob/yinc:		79 / 80	
Origin: Weitor					donor:	Blixt	Author:	Blixt
Other information:								
mutations: 6.2 chlorotica					chi-20			
Wt	15303 W1	5303	Ra	76683/98	L	MU	K	
Name: chlorotica					yob/yinc:		79 / 80	
Origin: Weitor					donor:	Blixt	Author:	Blixt
Other information:								
mutations: 6.2 chlorotica					chi-10			
Wt	15306 W1	0	Ra	75865/88	L	MU	K	
Name: chlorotica top lighter					yob/yinc:		81 / 81	
Origin: Kaliski, 500rNf, 3068/326/80					donor:	Swiecicki	Author:	Swiecicki
Other information:								
mutations: 6.2 chlorotica top lighter								
Wt	15308 W1	5308	Ra	75866/88	L	MU	K	
Name: chlorotica, acutifolius					yob/yinc:		81 / 81	
Origin: Kaliski, 500rNf, 3068/46/80					donor:	Swiecicki	Author:	Swiecicki
Other information:								
mutations: 6.2 chlorotica								
Wt	15326 W1	5326	Ra	76868/99	L	MU	K	
Name: chlorotica					yob/yinc:		79 / 80	
Origin: Weitor					donor:	Blixt	Author:	Blixt
Other information:								
mutations: 6.2 chlorotica					chi-11			
Wt	15327 W1		Ra	77017/99	L	XD	K	
Name: chi-32-recombinant					yob/yinc:		88 / 90	
Origin: K.538;Wt15325 x Wt11288					donor:	Swiecicki	Author:	Swiecicki
Other information: chi-32 M								
mutations: 6.2 chlorotica					chi-32 Repr.			
Wt	15341 W1	5341	Ra	76055/94	L	MU	K	
Name: chlorotica					yob/yinc:		79 / 80	
Origin: Weitor					donor:	Blixt	Author:	Blixt
Other information:								
mutations: 6.2 chlorotica					chi-21			

6 Chlorophyll mutants

2 Chlorotica

7 października 2013

					CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	15348 W1	5348	Ra	76869/99	L	MU	K	
Name: chlorotica					yob/yinc:		79 / 80	
Origin: Weitor					donor: Blixt		Author: Blixt	
Other information:								
mutations: 6.2 chlorotica					chi-22			
Wt	15428 W1	5428	Ra	76684/98	L	MU	K	
Name: chlorotica					yob/yinc:		79 / 80	
Origin: Weitor					donor: Blixt		Author: Blixt	
Other information:								
mutations: 6.2 chlorotica					chi-12			
Wt	15460 W1	5460	Ra	77351/01	L	MU	K	
Name: chlorotica					yob/yinc:		79 / 80	
Origin: Witham Wonder					donor: Blixt		Author: Blixt	
Other information:								
mutations: 6.2 chlorotica					chi-15			
Wt	15552 W1	5552	Ra	77019/99	L	MU	K	
Name: chlorotica					yob/yinc:		79 / 80	
Origin: Weitor					donor: Blixt		Author: Blixt	
Other information:								
mutations: 6.2 chlorotica					chi-26			
Wt	15784 W1	5784	Ra	77020/99	L	MU	K	
Name: chlorotica					yob/yinc:		79 / 80	
Origin: Weitor					donor: Blixt		Author: Blixt	
Other information:								
mutations: 6.2 chlorotica					chi-27			
Wt	15785 W1	5136	Ra	77352/01	L	MU	K	
Name: chlorotica					yob/yinc:		79 / 80	
Origin: Weitor					donor: Blixt		Author: Blixt	
Other information: chi-marg.								
mutations: 6.2 chlorotica marginalis								
Wt	15786 W1	0	Ra	77353/01	L	XD	K	
Name: B 682-385					yob/yinc:		83 / 84	
Origin: b, chi-6, cr, fs, gp, ws, (f)					donor: Marx		Author: Marx	
Other information:								
mutations: 6.2 chlorotica								

					CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	15791 W1	5791	Ra	76871/99	L	MU	K	
Name: chlorotica					yob/yinc: /			
Origin: Weitor					donor: Blixt	Author: Blixt		
Other information:								
mutations: 6.2 chlorotica					chi-28			
Wt	15795 W1	5149	Ra	75867/88	L	MU	K	
Name: chlorotica					yob/yinc: 79 / 80			
Origin: Weitor					donor: Blixt	Author: Blixt		
Other information:								
mutations: 6.2 chlorotica					chi-4			
Wt	15805 W1	5805	Ra	77021/99	L	MU	K	
Name: chlorotica					yob/yinc: 79 / 80			
Origin: Weitor					donor: Blixt	Author: Blixt		
Other information:								
mutations: 6.2 chlorotica					chi-29			
Wt	15816 W1	5816	Ra	77022/99	L	MU	K	
Name: chlorotica					yob/yinc: 79 / 80			
Origin: Weitor					donor: Blixt	Author: Blixt		
Other information:								
mutations: 6.2 chlorotica					chi-30			
Wt	15817 W1		Ra		L	XD	K	
Name: chi30 - recomb.					yob/yinc: 00 / 01			
Origin: K.2200					donor: Swiecicki	Author: Swiecicki		
Other information: chi30 A								
mutations: 6.2 chlorotica								
Wt	15821 W1	5821	Ra	76872/99	L	MU	K	
Name: chlorotica					yob/yinc: 79 / 80			
Origin: Weitor					donor: Blixt	Author: Blixt		
Other information:								
mutations: 6.2 chlorotica					chi-31			

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6 Chlorophyll mutants

3 Chlorina

7 października 2013

					CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	11197 W1	1197	Ra	76564/97	L	MU	H	
Name: chlorina					yob/yinc: /			
Origin: 4788/27-5117/53					donor: Blixt	Author: Wells		
Other information:								
mutations: 6.3 chlorina					/ch-1			
Wt	15096 W1	5096	Ra	76589/97	L	MU	H	
Name: chlorina					yob/yinc: 79 / 80			
Origin: Weitor					donor: Blixt	Author: Blixt		
Other information:								
mutations: 6.3 chlorina					/ch-3			

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6 Chlorophyll mutants

4 Xantha

7 października 2013

					CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	10746 W1	746	Ra	76945/99	L	XD	H	
Name: K.229					yob/yinc:		79 / 80	
Origin: L 20 * L 207					donor:	Blixt	Author:	Lamprecht
Other information:								
mutations: 6.4 xantha					/xa-5			
Wt	10971 W1	971	Ra	77762/04	L	XD	H	
Name: K.376					yob/yinc:		79 / 80	
Origin: L 344 * L 456					donor:	Blixt	Author:	Schreiber
Other information:								
mutations: 6.4 xantha					/xa-1			
Wt	11018 W1	1018	Ra	76957/99	L	MU	H	
Name: terminalis					yob/yinc:		79 / 80	
Origin: 4229/12					donor:	Blixt	Author:	
Other information:								
mutations: 6.4 terminalis					/alt			

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6 Chlorophyll mutants

5 Albina

7 października 2013

					CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	15105 W1	5105	Ra	76862/99	L	MU	H	
Name:	albina					yob/yinc:	79 / 80	
Origin:	Parvus				donor:	Blixt	Author:	Blixt
Other information:								
mutations:	6.5	albina			/alb			

6 Chlorophyll mutants

6 Vario-maculata

7 października 2013

				CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	10747 Wl	Ra		L	MU	K	
Name: vario - maculata							
Origin: Pegro, 2x150 rNf							
Other information: dif.10748,62,70,73							
mutations: 6.6 vario - maculata							
Wt	10748 Wl	Ra	76946/99	L	MU	K	
Name: vario - maculata							
Origin: Pegro, 2*150r Nf							
Other information: dif.10770,47,62,73							
mutations: 6.6 vario - maculata							
Wt	10766 Wl	0 Ra		L	MU	K	
Name: vario-maculata							
Origin: Paloma, 200rNf/0.014%NEU							
Other information:							
mutations: 6.6 vario-maculata							
Wt	10770 Wl	Ra	76909/99	L	MU	X	
Name: vario - maculata							
Origin: Pegro, 3x100 rNf							
Other information: id. to 10771, 72							
mutations: 6.6 vario - maculata							
Wt	10772 Wl	Ra	77317/01	L	MU	K	
Name: vario - maculata							
Origin: Pegro, 3x100 rNf							
Other information: id. to 10770, 71							
mutations: 6.6 vario - maculata							
Wt	10773 Wl	Ra	76949/99	L	MU	K	
Name: vario - maculata							
Origin: Pegro, 3x100 rNf							
Other information: dif.10747,48,62,70							
mutations: 6.6 vario - maculata							

			CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	15295 Wl	Ra	77348/01	L	XD	K
Name: lum-3 recombinant						
Origin: K. 899						
Other information: lum-3 gp tl ac						
mutations: 6.9 costata						
Wt	15296 Wl	Ra	77013/99	L	XD	K
Name: lum-3 recombinant						
Origin: K. 1037						
Other information: lum-3 gp tl af						
mutations: 6.9 costata						
Wt	15297 Wl	Ra	77349/01	L	XD	K
Name: lum-2 recombinant						
Origin: K. 911						
Other information: lum-2 Lap-2/S M A						
mutations: 6.9 costata						
Wt	15298 Wl	Ra	77014/99	L	XD	K
Name: lum-2 recombinant						
Origin: K.911						
Other information: lum-2 Lap-2/F M A						
mutations: 6.9 costata						
Wt	15299 Wl	Ra	77015/99	L	XD	K
Name: lum-2-recombinant						
Origin: Wt15307 x Wt11288						
Other information: lum-2 A M st b						
mutations: 6.9 costata						
Wt	15300 Wl	Ra	77787/04	L	XD	K
Name: lum-3-recombinant						
Origin: Wt15309 x Wt11238						
Other information: lum-3 gp						
mutations: 6.9 costata						
Wt	15301 Wl	Ra		L	XD	K
Name: chi25-recomb.						
Origin: K.3239						
Other information: chi25 def						
mutations: 6.2 chlorotica						

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6 Chlorophyll mutants

9 Costata

7 października 2013

				CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	15305 W1		Ra	L	XD	K	
Name: lum2 - recomb.				yob/yinc: 00 / 01			
Origin: K.1971				donor: Swiecicki	Author: Swiecicki		
Other information: lum2 M st							
mutations: 6.9 costata							
Wt	15309 W1	0	Ra 77016/99	L	MU	K	
Name: costata				yob/yinc: 81 / 81			
Origin: Paloma, 200rNf/0.014%NEU				donor: Swiecicki	Author: Swiecicki		
Other information:							
mutations: 6.9 costata lum-3							
Wt	16011 W1	6011	Ra 75076	L	MU	K	
Name: costata				yob/yinc: 79 / 80			
Origin: Parvus				donor: Blixt	Author: Monti		
Other information:							
mutations: 6.9 costata lum-1							

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6 Chlorophyll mutants

10 Terminalis

7 października 2013

				CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	10885 W1	Ra		L	XD	K	
Name: xa-chlor-recomb.				yob/yinc: 02 / 04			
Origin: K.2553				donor: Swiecicki	Author: Swiecicki		
Other information: xa-chl A lf Aatp/s							
mutations: 6.10 terminalis							
Wt	10886 W1	Ra	77320/01	L	XD	K	
Name: xa-chlor-recomb.				yob/yinc: 98 / 00			
Origin: POL, K.2026				donor: Swiecicki	Author: Swiecicki		
Other information: xa-chlor A							
mutations: 6.10 xantha-chlorescens							
Wt	10888 W1	Ra	77661/08	L	XD	K	
Name: xa-chlor-recomb.				yob/yinc: 98 / 00			
Origin: POL, K.2024				donor: Swiecicki	Author: Swiecicki		
Other information: xa-chlor A M							
mutations: 6.10 xantha-chlorescens							
Wt	10889 W1	Ra	76955/99	L	MU	K	
Name: xantha-chlorescens				yob/yinc: 82 / 85			
Origin: Paloma,200rNf/0.014%NEU				donor: Swiecicki	Author: Swiecicki		
Other information:							
mutations: 6.10 xantha-chlorescens							
Wt	10896 W1	896 Ra	76555/97	L	MU	H	
Name: terminalis (xantha)				yob/yinc: 79 / 80			
Origin: L 456 * L 344				donor: Blixt	Author: Lamprecht		
Other information:							
mutations: 6.10 terminalis				/xat			
Wt	11348 W1	1348 Ra	76793/99	L	MU	K	
Name: terminalis				yob/yinc: 79 / 80			
Origin: 9918/1957				donor: Blixt	Author:		
Other information:							
mutations: 6.10 terminalis				auv			

6 Chlorophyll mutants

11 Miscellaneous

7 października 2013

				CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	11142 W1	Ra	76960/99	L	XD	K	
Name: orl - recombinant				yob/yinc:		84 / 90	
Origin: Wt11145 x W11393				donor:	Swiecicki	Author:	Swiecicki
Other information: orc orl Le							
mutations:		6.11	orange leaves				
Wt	11145 W1	0 Ra	75842/88	L	CV	K	
Name: Ren-shou-da bai van-dou				yob/yinc:		80 / 82	
Origin: CHN, No 113				donor:	Nei Meng G	Author:	Acad. of Agri. Sci.
Other information: Cistron							
mutations:		3.8	Orange cotyledon	Orc			
		6.11	orange leaves	orl			
Wt	12114 W1	Ra	77785/04	L	XD	K	
Name: py-2 - recomb.				yob/yinc:		97 / 98	
Origin: POL,K.1641				donor:	Swiecicki	Author:	Swiecicki
Other information: py-2,i							
mutations:		6.11	precocious yellowing				
Wt	12115 W1	Ra	76997/99	L	XD	K	
Name: py-2 - recomb.				yob/yinc:		97 / 98	
Origin: POL,K.1641				donor:	Swiecicki	Author:	Swiecicki
Other information: py-2,I							
mutations:		6.11	precocious yellowing				
Wt	12129 W1	Ra	76998/99	L	XD	K	
Name: py-recombinant				yob/yinc:		88 / 90	
Origin: K.588;Wt11238 x Wt12130				donor:	Swiecicki	Author:	Swiecicki
Other information: py i A							
mutations:		6.11	precocious yellowing	py-2			
Wt	12134 W1	2134 Ra	75927/89	L	SE	K	
Name: C 75-27				yob/yinc:		79 / 80	
Origin: USA				donor:	Blixt	Author:	Marx
Other information:							
mutations:		6.11	precocious yellowing	py			
Wt	12144 W1	Ra	77345/01	L	XD	K	
Name: W6 15158				yob/yinc:		00 / 01	
Origin: M 079				donor:	USA	Author:	Marx
Other information: af py a le I r Fl>v							
mutations:		6.11	precocious yellowing				

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6 Chlorophyll mutants

11 Miscellaneous

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				CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	15312 W1	0 Ra	77788/04	L	MU	K	
Name: white stem				yob/yinc:		81 / 81	
Origin: Kaliski, 0.014%NEU,3066/125/80				donor:	Swiecicki	Author:	Swiecicki
Other information:							
mutations: 6.11 white stem							
Wt	15313 W1	0 Ra	77789/04	L	MU	K	
Name: white stem				yob/yinc:		81 / 81	
Origin: Kaliski, 500rNf/0.014%NEU				donor:	Swiecicki	Author:	Swiecicki
Other information:							
mutations: 6.11 white stem							
Wt	15314 W1	0 Ra		L	MU	K	
Name: white stem				yob/yinc:		81 / 81	
Origin: Kaliski, 500rNf, 3068/275/80				donor:	Swiecicki	Author:	Swiecicki
Other information:							
mutations: 6.11 white stem							

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7 Root system

0

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					CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	11714 W1	1714	Ra	75731	L	CV	K	
Name: Monopol					yob/yinc:		79 / 80	
Origin:					donor:	Blixt	Author:	
Other information:								
mutations: 7.0					nodulum		nod-1,nod-2	
Wt	12149 W1	2149	Ra	77001/99	L	CO	K	
Name: Iran					yob/yinc:		79 / 80	
Origin: IRN					donor:	Blixt	Author:	
Other information:								
mutations: 7.0					Temperature sensitive nodulation		sym-1	
Wt	12150 W1	2150	Ra	76846/99	L	CO	K	
Name: Afghanistan					yob/yinc:		79 / 80	
Origin: AFG					donor:	Blixt	Author:	
Other information:								
mutations: 7.0					no nitrogen fixation		sym-3	
mutations: 7.0					res.to Rhizobium leguminosarum		sym-2	
Wt	15102 W1	5102	Ra	77009/99	L	MU	K	
Name: ageotropum					yob/yinc:		79 / 80	
Origin: Weitor					donor:	Blixt	Author: Blixt	
Other information:								
mutations: 7.0					ageotropum		age	

					CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	10022 W1	22	Ra	77644/08	L	SE	K	
Name: Tedins 26/73					yob/yinc:		79 / 80	
Origin: SWE, Svalof 0881					donor:	Blixt	Author:	
Other information: JI 118								
mutations: 3.6 radicula ochracea					gl			
8.1 clariroseus					b			
Wt	10025 W1	25	Ra	76918/99	L	MU	K	
Name: caerulicans					yob/yinc:		79 / 80	
Origin: Kajanus Rodart					donor:	Blixt	Author: Tedin	
Other information:								
mutations: 3.6 Violaceopunctata					Fs, f			
8.1 caerulicans					ar			
Wt	10110 W1	110	Ra	75827/88	L	CV	K	
Name: Kungsart					yob/yinc:		79 / 80	
Origin: Roi des Gourmands					donor:	Blixt	Author:	
Other information:								
mutations: 6.1					Pa,Vim			
8.1 anthocyanin-inhibition					a-1			
Wt	10180 W1	180	Ra	76407/95	L	CO	K	
Name: arvense					yob/yinc:		79 / 80	
Origin: HUN (south)					donor:	Blixt	Author:	
Other information:								
mutations: 2.4					lap>s			
3.4 Marmoreus					M			
8.1					A			
Wt	10218 W1	5068	Ra	76047/94	L	MU	K	
Name: clariroseus					yob/yinc:		79 / 80	
Origin: Parvus					donor:	Blixt	Author: Blixt	
Other information:								
mutations: 8.1 clariroseus								
Wt	10220 W1	0	Ra	76919/99	L	MU	K	
Name: Brown spot					yob/yinc:		/	
Origin:					donor:		Author:	
Other information:								
mutations: 8.1 clariroseus								

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8 Flower & generative apparatus

1 Colour

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				CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	10222 W1	0 Ra	76585/97	L	SE	K	
Name: WTD 3002				yob/yinc: 74 / 75			
Origin: Delfin x Neuga				donor: Swiecicki	Author: Swiecicki		
Other information:							
mutations: 8.1		clariroseus					
Wt	10224 W1	0 Ra	76920/99	L	PO	K	
Name: Population - 2 (3167)				yob/yinc: /			
Origin: AFG				donor: Crampton	Author:		
Other information:							
mutations: 5.7		Anthocyanin seedlings					
8.1		fuscopurpureus					
Wt	10225 W1	0 Ra	75912/89	E	PO	K	
Name: Population - 1				yob/yinc: /			
Origin: IND				donor: Sharma	Author:		
Other information:							
mutations: 5.7		Anthocyanin seedlings		Ans			
8.1		roseus					
Wt	10227 W1	0 Ra	76921/99	L	PO	K	
Name: Population - 3				yob/yinc: /			
Origin: AUS				donor: Aitken	Author:		
Other information: Ans							
mutations: 5.7		Anthocyanin seedlings					
8.1		roseus					
Wt	10254 W1	0 Ra	75726	L	XD	K	
Name: WTD 3002				yob/yinc: 80 / 81			
Origin: Delfin x Neuga				donor: Swiecicki	Author: Swiecicki		
Other information:							
mutations: 8.1		Clariluteus					
Wt	10298 W1	Ra	76584/97	L	SE	K	
Name: D 85-44				yob/yinc: 92 / 93			
Origin: Austrian Winter				donor: Weeden	Author: Muehlbauer		
Other information: ident. to D 85-9							
mutations: 8.1		anthocyanin-inhibition		a-2			

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					CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	10367 W1	132	Ra	76932/99	L	XD	K	
Name: K.956					yob/yinc:		81 / 81	
Origin:					donor: Blixt	Author: Lamprecht		
Other information:								
mutations: 8.1 fuscopurpureus								
Wt	10368 W1	368	Ra	76550/97	L	MU	K	
Name: Appelblossom					yob/yinc:		79 / 80	
Origin: de Haan					donor: Blixt	Author:		
Other information:								
mutations: 8.1 fuscopurpureus					cr			
Wt	10369 W1	369	Ra	76910/99	L	MU	K	
Name: Pinkish white					yob/yinc:		79 / 80	
Origin: de Haan					donor: Blixt	Author: Mansholt		
Other information:								
mutations: 8.1 albicans					am			
Wt	10370 W1	5067	Ra	76049/94	L	MU	K	
Name: albicans					yob/yinc:		79 / 80	
Origin: Parvus					donor: Blixt	Author: Blixt		
Other information:								
mutations: 8.1 albicans								
Wt	10373 W1		Ra	76729/99	L	XD	K	
Name: K. 84/1					yob/yinc:		86 / 92	
Origin: POL					donor: Kasperek	Author: Kasperek		
Other information: K.011/86								
mutations: 8.1 albicans								
Wt	10374 W1		Ra	76587/97	L	XD	K	
Name: K. 84/4					yob/yinc:		85 / 92	
Origin: POL					donor: Kasperek	Author: Kasperek		
Other information:								
mutations: 8.1 albicans								
Wt	10464 W1		Ra	77652/08	L	XD	K	
Name: M 335					yob/yinc:		97 / 99	
Origin: USA, W6 15333					donor: Pullman	Author: Marx		
Other information: ar A am1 af wa								
mutations: 8.1 caerulicans								

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				CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	10466 W1	Ra	77653/08	L	XD	K	
Name: W6 15146							
Origin: USA, W6 15146							
Other information: am2 A i le							
mutations: 8.1 albicans							
Wt	10491 W1	Ra		L	XD	K	
Name: a2-recomb.							
Origin: K.2713, POL							
Other information: a2 chi32 M st							
mutations: 8.1 anthocyanin inhibition							
Wt	10511 W1	Ra		L	XD	K	
Name: am - recomb.							
Origin: K.2385							
Other information: am1 aero I A/a							
mutations: 8.1 albicans							
Wt	10589 W1	Ra	77759/04	L	MU	K	
Name: mutant							
Origin: cv.Tambo, F2							
Other information:							
mutations: 8.1 anthocyanin inhibition							
Wt	10680 W1	680 Ra	76755/99	L	XD	K	
Name: K.372							
Origin: L 330 * L 450							
Other information:							
mutations: 8.1 bipartitus							
Wt	10741 W1	741 Ra	75399	L	XD	K	
Name: K.272							
Origin: L 234 * L 241							
Other information:							
mutations: 8.1 kp, Kpa							
8.8 br							
9.2 tenuis te							
9.3 luteo-legumina gp							

				CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	11080 W1	1080	Ra 77768/04	L	XD	K	
Name: K.747				yob/yinc: 79 / 80			
Origin: L 578 * L 741				donor: Blixt	Author: Lamprecht		
Other information: JI 56							
mutations:	3.1	comprimere		com			
	3.7	ventriosus		ve			
	3.7			Cal			
	5.5	contrahere		cont			
	8.1	superobscurum		sob			
	8.4			Pafl			
	9.2	contractivus		cotr			
	9.2	tenuis		teu			
Wt	11081 W1		Ra 77769/04	L	XD	K	
Name: am3-recomb.				yob/yinc: 02 / 04			
Origin: K.2018				donor: Swiecicki	Author: Swiecicki		
Other information: am3							
mutations:	8.1	roseus					
Wt	11166 W1		Ra 76778/99	L	XD	K	
Name: WI 9301				yob/yinc: 98 / 98			
Origin: USA, recurrent selection				donor: Gritton	Author: Gritton		
Other information: res. to pea root rot							
mutations:	2.1	res. to Aphanomyces euteiches					
	8.1	cream flower		crw			
Wt	11193 W1		Ra 77810/09	L	XD	K	
Name: crw - recomb.				yob/yinc: 08 / 09			
Origin: K.2800				donor: Swiecicki	Author: Swiecicki		
Other information: crw, i							
mutations:	8.1	cream flower					
Wt	11200 W1	1228	Ra 75844/88	L	SE	K	
Name: Bleekbloier				yob/yinc: 82 / 82			
Origin: Wellensiek				donor: Blixt	Author:		
Other information:							
mutations:	8.1	roseus, fuscopurpureus					

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					CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	11201	W1	0	Ra	75603	L	PO	K
Name: Furete 97					yob/yinc:		83 / 85	
Origin:					donor:	IHAR	Author:	
Other information:								
mutations: 8.1					clariroseus			
Wt	11227	W1	1227	Ra	76565/97	L	MU	K
Name: Cerise					yob/yinc:		79 / 80	
Origin:					donor:	Blixt	Author:	
Other information:								
mutations: 8.1					roseus			
Wt	11241	W1	1241	Ra	76784/99	L	CV	K
Name: Norrlands sockerart					yob/yinc:		79 / 80	
Origin:					donor:	Blixt	Author:	
Other information: o/chi?								
mutations: 8.1					kp,kpa			
Wt	11255	W1	1255	Ra	76787/99	L	MU	K
Name: nap					yob/yinc:		79 / 80	
Origin: L642 * L646					donor:	Blixt	Author: Lamprecht	
Other information:								
mutations: 4.2					brevis-internodium			
4.2					cona			
4.2					Cot			
4.2					internodiolum			
4.2					minuere			
4.2					mier,mine			
4.2					Mie,Miu			
4.2					Coe			
4.3					T			
8.1					Intensifier			
8.3					navicula apertus			
Wt	11256	W1	1256	Ra		L	CO	K
Name: P. fulvum					yob/yinc:		72 / 73	
Origin: Asia Minor					donor:	Blixt	Author:	
Other information:								
mutations: 3.5					Umbra			
8.1					Clariluteus, Cereus			
9.3					Astriatus			

					CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	11293 Wl	1293	Ra	77668/08	L	CO	K	
Name:	P. elatius - form					yob/yinc:	79 / 80	
Origin:	Jordan-valley				donor:	Blixt	Author:	
Other information:	Ast							
mutations:	3.1	Gritty			Gty			
	3.3	Hilum major			Him			
	8.1	Keel coloured			Kp,Kpa			
	9.1	Neoplastic pod			Np			
	9.1	Dehiscing			Dpo			
	9.3	stria rubra			sru,srub			
	9.3	rubropulvis			rup,rups			
Wt	11307 Wl	1307	Ra	76568/97	L	XD	K	
Name:	K.674					yob/yinc:	79 / 80	
Origin:	L646 * L660				donor:	Blixt	Author:	Lamprecht
Other information:								
mutations:	8.1	begoniaerubrum			beg			
Wt	11309 Wl	0	Ra	75591	L	XD	K	
Name:	WTD					yob/yinc:	80 / 85	
Origin:	Lamp.* Nadja				donor:	Owsianny	Author:	Swiecicki
Other information:								
mutations:	8.1	fuscopurpureus						
Wt	11324 Wl	1324	Ra	76791/99	L	MU	K	
Name:	rubicundus					yob/yinc:	79 / 80	
Origin:	L680 * L1033				donor:	Blixt	Author:	Lamprecht
Other information:								
mutations:	8.1	rubicundus			rub			
Wt	11368 Wl	1510	Ra	76665/98	L	XD	K	
Name:	K.1281					yob/yinc:	83 / 85	
Origin:	L 1080 * L 1226				donor:	IHAR	Author:	Blixt
Other information:								
mutations:	8.1	clariroseus						
Wt	11382 Wl	1382	Ra	75074	L	CV	K	
Name:	Violetta					yob/yinc:	79 / 80	
Origin:					donor:	Blixt	Author:	Spaths
Other information:								
mutations:	8.1	Intensifier			Cv,Repr			

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					CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	11458 W1	1458	Ra	75075	L	XD	K	
Name: K.1270					yob/yinc:		79 / 80	
Origin: L741 * L1228					donor:	Blixt	Author:	Lamprecht
Other information:								
mutations: 8.1 C-glycosyl flavones					Cgf			
Wt	11516 W1	1516	Ra	75857/88	L	MU	K	
Name: centroboscuro					yob/yinc:		79 / 80	
Origin: L 1218 * L 1288					donor:	Blixt	Author:	Lamprecht
Other information:								
mutations: 8.1 serenum					sre			
8.1 centroboscuro					ceo			
Wt	11539 W1	1539	Ra	76802/99	L	XD	K	
Name: K.1365					yob/yinc:		79 / 80	
Origin: L 1228 * L 1302					donor:	Blixt	Author:	Lamprecht
Other information:								
mutations: 8.1					cgf			
Wt	11686 W1	1394	Ra	76982/99	L	XD	K	
Name: K.1180					yob/yinc:		83 / 85	
Origin: L 582 * L 1080					donor:	IHAR	Author:	Blixt
Other information:								
mutations: 8.1 clariroseus								
Wt	11687 W1	1795	Ra	75859/88	L	XD	K	
Name: K.1281					yob/yinc:		83 / 85	
Origin: L 1080 * L 1226					donor:	IHAR	Author:	Blixt
Other information:								
mutations: 8.1 clariroseus								
Wt	12024 W1	2024	Ra	76992/99	L	XD	K	
Name: K.1182					yob/yinc:		79 / 80	
Origin: L680 * L851					donor:	Blixt	Author:	Blixt
Other information:								
mutations: 8.1 bipartitus					A,bip			
Wt	15879 W1	6100	Ra	76879/99	L	MU	K	
Name: Gottschalk 94D					yob/yinc:		79 / 80	
Origin: Dippes Gelbe Victoria					donor:	Blixt	Author:	Gottschalk
Other information:								
mutations: 8.1 green flower colour								

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					CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	16000 W1		Ra		L	XD	K	
Name:	Cit Cm-recombinant					yob/yinc:	83 / 90	
Origin:	Paloma x P.fulvum				donor:	Swiecicki	Author:	Swiecicki
Other information:								
mutations:	8.1	Clariluteus,Cereus						
Wt	16101 W1	6101	Ra	76892/99	L	MU	K	
Name:	Gottschalk 94A					yob/yinc:	79 / 80	
Origin:					donor:	Blixt	Author:	Gottschalk
Other information:								
mutations:	8.1	green flower			gfc			
	8.4	flower size			ac			
	8.6	abnormal generative organs			stpr			
Wt	16159 W1		Ra		L	MU	K	
Name:	Prx-recomb.					yob/yinc:	04 / 05	
Origin:	K.2482, POL				donor:	Swiecicki	Author:	Swiecicki
Other information: Prx/ M st b								
mutations:	8.1	Anthocianina inhibition						

					CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	10232 W1	232	Ra	75395	L	SE	K	
Name:	de Winton					yob/yinc:	79 / 80	
Origin:					donor:	Blixt	Author:	
Other information:								
mutations:	3.1	comprimere			qua			
	5.5	stipule reduced			st			
	8.3	alae keel-like			k			
Wt	11198 W1	5240	Ra	75843/88	L	XD	K	
Name:	alae keel-like					yob/yinc:	79 / 80	
Origin:	Parvus				donor:	Blixt	Author:	Lamprecht
Other information:								
mutations:	8.3	alae keel-like						
Wt	11255 W1	1255	Ra	76787/99	L	MU	K	
Name:	nap					yob/yinc:	79 / 80	
Origin:	L642 * L646				donor:	Blixt	Author:	Lamprecht
Other information:								
mutations:	4.2	brevi-internodium			cona			
	4.2				Cot			
	4.2	internodiolum			prae			
	4.2	minuere			mier,mine			
	4.2				Mie,Miu			
	4.2				Coe			
	4.3				T			
	8.1	Intensifier			Cv			
	8.3	navicula apertus			nap			
Wt	11306 W1	1306	Ra	76789/99	L	MU	K	
Name:	sine-vexillum					yob/yinc:	79 / 80	
Origin:	L646 * L660				donor:	Blixt	Author:	Lamprecht
Other information:								
mutations:	8.3	sine-vexillum			siv			
Wt	15137 W1	5137	Ra	77011/99	L	MU	K	
Name:	cochlearis					yob/yinc:	79 / 80	
Origin:	SWE, Weitor				donor:	Blixt	Author:	Blixt
Other information:								
mutations:	2.2	reduced fertility			rfe			
	5.2	cochlearis			coch>w			
	8.3	flower anomalies			fla			

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					CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	15997 W1	5997	Ra	76880/99	L	MU	K	
Name: crumpled petal					yob/yinc:		79 / 80	
Origin: Bonneville					donor:	Blixt	Author:	Sharma
Other information:								
mutations: 8.3 crumpled petals					crpt			
Wt	16036 W1		Ra	76888/99	L	MU	K	
Name: k-mutant					yob/yinc:		88 / 93	
Origin: Elektron, 150rNf/2h					donor:	Swiecicki	Author:	Swiecicki
Other information:								
mutations: 8.3 alae keel like								
Wt	16102 W1	0	Ra	77040/99	L	MU	K	
Name: abnormal corolla					yob/yinc:		82 / 85	
Origin: Paloma, 0.014%NEU, 3064/227					donor:	Swiecicki	Author:	Swiecicki
Other information:								
mutations: 8.3 abnormal corolla								

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4 Size

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					CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	11080 W1	1080	Ra	77768/04	L	XD	K	
Name:	K.747					yob/yinc:	79 / 80	
Origin:	L 578 * L 741				donor:	Blixt	Author:	Lamprecht
Other information:	JI 56							
mutations:	3.1	comprimere			com			
	3.7	ventriosus			ve			
	3.7				Cal			
	5.5	contrahere			cont			
	8.1	superobscurum			sob			
	8.4				Pafl			
	9.2	contractivus			cotr			
	9.2	tenuis			teu			
Wt	11352 W1	1352	Ra	76974/99	L	XD	K	
Name:	K.853					yob/yinc:	79 / 80	
Origin:	L 118 * L 808				donor:	Blixt	Author:	Lamprecht
Other information:								
mutations:	8.4	parviflora			pafl			
Wt	16101 W1	6101	Ra	76892/99	L	MU	K	
Name:	Gottschalk 94A					yob/yinc:	79 / 80	
Origin:					donor:	Blixt	Author:	Gottschalk
Other information:								
mutations:	8.1	green flower			gfc			
	8.4	flower size			ac			
	8.6	abnormal generative organs			stpr			

					CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	10231 W1	231	Ra	75913/89	L	MU	H	
Name: brevifilamentosus					yob/yinc:		79 / 80	
Origin:					donor:	Blixt	Author:	
Other information:								
mutations: 8.5 brevifilamentosus					/brev			
Wt	10342 W1	342	Ra	76717/99	L	MU	K	
Name: petalorus					yob/yinc:		79 / 80	
Origin:					donor:	Blixt	Author:	Nilsson
Other information:								
mutations: 8.5 petalorus					pe			
Wt	10565 W1	565	Ra	76747/99	L	MU	K	
Name: superpetaloidum					yob/yinc:		79 / 80	
Origin: L 15 * L 232					donor:	Blixt	Author:	Lamprecht
Other information:								
mutations: 8.5 superpetaloidum					sup			
					bra			
Wt	11502 W1	1502	Ra	76800/99	L	XD	K	
Name: K.1267					yob/yinc:		79 / 80	
Origin: L607 * L989					donor:	Blixt	Author:	Lamprecht
Other information:								
mutations: 8.5 exalbescere					exal			
Wt	11703 W1	1703	Ra	75861/88	L	MU	K	
Name: yellow pollen					yob/yinc:		79 / 80	
Origin: Vinco					donor:	Blixt	Author:	
Other information:								
mutations: 8.5 yellow pollen					yp			
Wt	11704 W1		Ra		L	XD	K	
Name: yp-recomb.					yob/yinc:		11 / 13	
Origin: K.3363					donor:	Swiecicki	Author:	Swiecicki
Other information: yp nlb det rms5 nec								
mutations: 8.5 yellow polen								
Wt	16014 W1	6014	Ra	77033/99	L	MU	K	
Name: stamina pistilloida					yob/yinc:		79 / 80	
Origin: Parvus					donor:	Blixt	Author:	Monti
Other information:								
mutations: 8.5 stamina pistilloida					stp			

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					CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	16101	W1	6101	Ra	76892/99	L	MU	K
Name:	Gottschalk 94A					yob/yinc:	79 / 80	
Origin:						donor:	Blixt	Author: Gottschalk
Other information:								
mutations:	8.1	green flower			gfc			
	8.4	flower size			ac			
	8.6	abnormal generative organs			stpr			

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8 Inflorescences

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					CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	10002	W1	2	Ra	75589	L	CV	K
Name: Goldkonig						yob/yinc:	79 / 80	
Origin:						donor: Blixt	Author:	
Other information:								
mutations: 5.6						scalaris forma	td	
6.1						flavoviridis	o	
8.8						Bracteatus	Br	
9.2						acutilegumen	bt	
Wt	10019	W1	19	Ra	76695/99	L	SE	K
Name: Tedins 29/124						yob/yinc:	79 / 80	
Origin: Glano						donor: Blixt	Author:	
Other information:								
mutations: 3.1						Qua		
3.1						planatus	pla	
3.6							f,fs	
3.7						furca	z	
8.8						flower number	Fn,fna	
Wt	10145	W1	145	Ra	76545/97	L	CO	K
Name: K.723						yob/yinc:	79 / 80	
Origin: L 145 * L 578						donor: Blixt	Author: Lamprecht	
Other information:								
mutations: 3.8						cotyledons green	i	
8.8						distance, praecidere	dt,pre	
Wt	10229	W1	0	Ra	76702/99	L	CV	K
Name: Cambridge Multifold						yob/yinc:	73 / 74	
Origin: GBR						donor: Snoad	Author:	
Other information:								
mutations: 8.8						flower number		
Wt	10233	W1	0	Ra	76703/99	L	CV	K
Name: Danchnfeld						yob/yinc:	/	
Origin: GBR						donor: Snoad	Author:	
Other information:								
mutations: 8.8						flower number		

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					CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	10235 W1	375	Ra	77294/01	L	XD	K	
Name: Lamprecht 375						yob/yinc:	/	
Origin: NLD				donor:	Blixt	Author:		
Other information:								
mutations: 8.8		flower number						
Wt	10237 W1	0	Ra	76704/99	L	MU	K	
Name: Mutant fna						yob/yinc:	/ 71	
Origin: POL				donor:	Swiecicki	Author:		
Other information:								
mutations: 8.8		flower number						
Wt	10240 W1	0	Ra	76922/99	V	CV	K	
Name: Souchet						yob/yinc:	/	
Origin: FRA				donor:	Sofia/IGPB	Author:		
Other information:								
mutations: 8.8		flower number						
Wt	10241 W1	0	Ra	76641/98	V	CV	K	
Name: Triofin						yob/yinc:	/	
Origin: FRA				donor:	Sofia/IGPB	Author:		
Other information:								
mutations: 8.8		flower number						
Wt	10242 W1	0	Ra	76642/98	L	SE	K	
Name: Trojstrakowy						yob/yinc:	72 / 73	
Origin: POL, Wiatrowo				donor:	Swiecicki	Author:		
Other information:								
mutations: 8.8		flower number						
Wt	10356 W1	0	Ra	76722/99	L	XD	K	
Name: K.379						yob/yinc:	90 / 94	
Origin: (FlavandaxTriofin)xWTD4068				donor:	Swiecicki	Author:	POL, Swiecicki	
Other information:								
mutations: 8.8		flower number						
Wt	10484 W1		Ra	77309/01	L	MU	K	
Name: bracteatus						yob/yinc:	98 / 99	
Origin: Tambo, 1.5mM SA				donor:	Swiecicki	Author:	Swiecicki	
Other information: new								
mutations: 8.8		bracteatus						

				CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	10493 W1		Ra	L	XD	K	
Name: brac - recomb.							
Origin: K.2372							
Other information: brac,a,b,d,k,Idh/F							
mutations: 8.8 bracteatus							
Wt	10494 W1		Ra	L	XD	K	
Name: brac - recomb.							
Origin: K.2372							
Other information: brac a b d k Idh/s							
mutations: 8.8 bracteatus							
Wt	10510 W1		Ra	L	XD	K	
Name: brac - recomb.							
Origin:							
Other information: brac, Idh/F							
mutations: 8.8 bracteatus							
Wt	10519 W1		Ra	L	XD	K	
Name: brac-recomb.							
Origin: K.2963							
Other information: brac af aero i							
mutations: 8.8 bracteatus							
Wt	10565 W1	565	Ra	76747/99	L	MU	K
Name: superpetaloidum							
Origin: L 15 * L 232							
Other information:							
mutations: 8.5 superpetaloidum sup							
8.8 bra							
Wt	10578 W1	578	Ra	77314/01	L	XD	K
Name: K.246							
Origin: L 19 * L 232							
Other information: Jl 793							
mutations: 3.6 rf							
3.7 pallens pal							
8.8 praecidere pr,Pre,Dt							

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				CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	10593 W1		Ra 75831/88	V	CV	K	
Name: Tristar				yob/yinc: 87 / 88			
Origin: DEU				donor: BGRC 48610	Author:		
Other information: 20063							
mutations: 8.8		flower number					
Wt	10595 W1		Ra 76552/97	L	XD	K	
Name: K.175				yob/yinc: 89 / 90			
Origin: (SouchetxFlavanda) x Opal				donor: Swiecicki	Author: Swiecicki		
Other information:							
mutations: 8.8		flower number					
Wt	10741 W1	741	Ra 75399	L	XD	K	
Name: K.272				yob/yinc: 79 / 80			
Origin: L 234 * L 241				donor: Blixt	Author: Lamprecht		
Other information:							
mutations: 8.1		kp, Kpa					
8.8		br					
9.2		tenuis					
9.3		luteo-legumina					
Wt	10753 W1	0	Ra 75598	L	XD	K	
Name: WTD 5032				yob/yinc: 84 / 84			
Origin: R 3007 * Triofin				donor: Swiecicki	Author: Owskianny, Wiatrowo		
Other information:							
mutations: 8.8		flower number					
Wt	10755 W1	0	Ra 75832/88	L	XD	K	
Name: Multipodded				yob/yinc: 84 / 84			
Origin: Poneka * Ps60				donor: Swiecicki	Author: Owskianny, Wiatrowo		
Other information:							
mutations: 8.8		flower number					
Wt	10757 W1	757	Ra 75833/88	L	XD	K	
Name: K.301				yob/yinc: 79 / 80			
Origin: L 232 * L 376				donor: Blixt	Author: Lamprecht		
Other information:							
mutations: 8.8		flower number					
		fn,fna					

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				CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	10758 W1	0	Ra 76652/98	L	XD	K	
Name: Usatyj * Souchet				yob/yinc: 83 / 84			
Origin: Usatyj * Souchet, F8/83				donor: Swiecicki	Author: Swiecicki		
Other information:							
mutations: 8.8 flower number							
Wt	10760 W1	0	Ra 76653/98	L	XD	K	
Name: Flavanda * Trioifin				yob/yinc: 84 / 85			
Origin: F125 1817-23/84				donor: Swiecicki	Author: Swiecicki		
Other information:							
mutations: 8.8 flower number							
Wt	11238 W1	1238	Ra 75073/95	L	XD	K	
Name: K.954				yob/yinc: 79 / 80			
Origin: L 741 * L 851				donor: Blixt	Author: SWE,Lamprecht		
Other information: Testerline-1,2,3,5,7							
mutations: 2.4 Albumin a				Aba>A Repr.			
4.2 brevi-internodium				coh			
4.3 stem thickness				t			
8.8 Bracteatus				Bra			
9.3 Purple pods				pur>b			
Wt	11308 W1	1308	Ra 77329/01	L	XD	K	
Name: K.674				yob/yinc: 79 / 80			
Origin: L 646 * L 660				donor: Blixt	Author: Lamprecht		
Other information:							
mutations: 3.7 Caneo				Ca			
3.7				Cat			
4.2				Prae			
8.8 flower number				fn,Fna			
Wt	15822 W1	0	Ra 75623	V	CV	K	
Name: Parlay				yob/yinc: 84 / 85			
Origin: USA				donor:	Author:		
Other information:							
mutations: 8.8 flower number							
Wt	16111 W1	0	Ra 76904/99	L	MU	K	
Name: bracteatus				yob/yinc: 82 / 85			
Origin: Porta, 200rNf, 1/42				donor: Swiecicki	Author: Swiecicki		
Other information:							
mutations: 8.8 bracteatus							

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				CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	16112 W1	0 Ra	77041/99	L	MU	K	
Name: bracteatus				yob/yinc:		81 / 81	
Origin: Kaliski, 500rNf, 201/4/81				donor:	Swiecicki	Author:	Swiecicki
Other information:							
mutations: 8.8 bracteatus							
Wt	16113 W1	0 Ra	77042/99	L	MU	K	
Name: bracteatus				yob/yinc:		81 / 81	
Origin: Kaliski, 500rNf, 178/81				donor:	Swiecicki	Author:	Swiecicki
Other information:							
mutations: 8.8 bracteatus							
Wt	16114 W1	0 Ra	76894/99	L	MU	K	
Name: bracteatus				yob/yinc:		81 / 81	
Origin: Kaliski, 500rNf, 178/81				donor:	Swiecicki	Author:	Swiecicki
Other information:							
mutations: 8.8 bracteatus							
Wt	16115 W1	6115 Ra	77362/01	L	MU	K	
Name: bracteatus				yob/yinc:		79 / 80	
Origin: DEU				donor:	Blixt	Author:	Gottschalk
Other information:							
mutations: 8.8 bracteatus				brac			
Wt	16158 W1	Ra		L	XD	K	
Name: brac-recomb.				yob/yinc:		03 / 05	
Origin: K.2370, POL				donor:	Swiecicki	Author:	Swiecicki
Other information: brac pet							
mutations: 8.8 bracteatus							

					CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	10033 W1	33	Ra	75824/88	L	SE	K	
Name: English sabre-type					yob/yinc:		79 / 80	
Origin: SWE, Alnarp					donor: Blixt		Author:	
Other information:								
mutations: 9.1 pod-wall sclerenchyma					p,v			
Wt	10058 W1	58	Ra	75825/88	L	CV	K	
Name: Graue Posthornchen					yob/yinc:		79 / 80	
Origin: Germany					donor: Blixt		Author:	
Other information:								
mutations: 9.1 pod-wall sclerenchyma					P,v			
9.2 latus					lt			
Wt	10059 W1	59	Ra	76697/99	L	MU	K	
Name: PV					yob/yinc:		79 / 80	
Origin:					donor: Blixt		Author:	
Other information:								
mutations: 9.1					P,V			
Wt	10105 W1	105	Ra	75288	L	MU	K	
Name: Naddbo					yob/yinc:		79 / 80	
Origin:					donor: Blixt		Author:	
Other information:								
mutations: 3.3 Tragacanthum					Tra			
5.3 folia oblonga					fo,fob,fol			
9.1 pod-wall thick					n			
Wt	10208 W1		Ra	77174/00	L	XD	K	
Name: M 154					yob/yinc:		97 / 99	
Origin: USA, W6 15195					donor: Pullman		Author: Marx	
Other information: n a b t l e i r Td								
mutations: 9.1 pod-wall thick								
Wt	10490 W1		Ra	77218/00	L	CO	K	
Name: Szabla					yob/yinc:		00 / 00	
Origin:					donor: Nochowo		Author:	
Other information:								
mutations: 9.1 latus								

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				CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	10754 Wl	754	Ra	76651/98	L	CV	K
Name: Norrlands Express				yob/yinc:		79 / 80	
Origin:				donor:	Blixt	Author: Olssens Enke	
Other information:							
mutations: 9.1 pod-wall sclerenchyma				p,V			
Wt	10759 Wl	759	Ra	77316/01	L	XD	K
Name: K.407				yob/yinc:		79 / 80	
Origin: L 450 * K 364				donor:	Blixt	Author: Lamprecht	
Other information: JI 2778							
mutations: 9.1 sine fili				sin			
Wt	11293 Wl	1293	Ra	77668/08	L	CO	K
Name: P. elatius - form				yob/yinc:		79 / 80	
Origin: Jordan-valley				donor:	Blixt	Author:	
Other information: Ast							
mutations: 3.1 Gritty				Gty			
3.3 Hilum major				Him			
8.1 Keel coloured				Kp,Kpa			
9.1 Neoplastic pod				Np			
9.1 Dehiscing				Dpo			
9.3 stria rubra				sru,srub			
9.3 rubropulvis				rup,rups			
Wt	12138 Wl	2138	Ra	76844/99	L	SE	K
Name: B 574-630				yob/yinc:		79 / 80	
Origin: USA				donor:	Blixt	Author: Marx	
Other information:							
mutations: 9.1 waxless pods				wp			
Wt	15100 Wl	0	Ra	76682/98	L	MU	K
Name: pod-wall sclerenchyma				yob/yinc:		82 / 85	
Origin: Paloma, 200rNf/0.014%NEU				donor:	Swiecicki	Author: Swiecicki	
Other information:							
mutations: 9.1 pod-wall sclerenchyma							
Wt	15101 Wl	0	Ra	77008/99	L	MU	K
Name: pod-wall sclerenchyma				yob/yinc:		82 / 85	
Origin: Paloma, 200rNf/0.014%NEU				donor:	Swiecicki	Author: Swiecicki	
Other information:							
mutations: 9.1 pod-wall sclerenchyma							

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					CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	15108 W1	0 Ra	75101		V	CV	K	
Name: De Grace						yob/yinc:	83 / 85	
Origin:				donor:		Author:		
Other information:								
mutations: 9.1 pod-wall sclerenchyma								
Wt	15109 W1	0 Ra	76863/99		V	CV	K	
Name: Early Snap						yob/yinc:	83 / 85	
Origin: USA				donor:	Marx	Author:		
Other information:								
mutations: 9.1 pod-wall sclerenchyma								
Wt	15612 W1	5612 Ra	75736		L	MU	K	
Name: early opening pod						yob/yinc:	79 / 80	
Origin: Parvus				donor:	Blixt	Author:	Blixt	
Other information:								
mutations: 9.1 early opening pod					fe			
Wt	16045 W1	Ra	77357/01		L	XD	K	
Name: M 361						yob/yinc:	97 / 99	
Origin: USA, W6 15342				donor:	Pullman	Author:	Marx	
Other information: lt n p le af								
mutations: 9.1 latus								

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					CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	10002 W1	2 Ra	75589		L	CV	K	
Name:	Goldkonig					yob/yinc:	79 / 80	
Origin:					donor: Blixt	Author:		
Other information:								
mutations:	5.6	scalaris forma			td			
	6.1	flavoviridis			o			
	8.8	Bracteatus			Br			
	9.2	acutilegumen			bt			
Wt	10058 W1	58 Ra	75825/88		L	CV	K	
Name:	Graue Posthornchen					yob/yinc:	79 / 80	
Origin:	Germany				donor: Blixt	Author:		
Other information:								
mutations:	9.1	pod-wall sclerenchyma			P,v			
	9.2	latus			lt			
Wt	10096 W1	96 Ra	75826/88		L	CV	K	
Name:	Pois Sabre					yob/yinc:	79 / 80	
Origin:					donor: Blixt	Author:		
Other information:								
mutations:	9.2	convexus			con			
	9.2	convexum			co			
Wt	10741 W1	741 Ra	75399		L	XD	K	
Name:	K.272					yob/yinc:	79 / 80	
Origin:	L 234 * L 241				donor: Blixt	Author:	Lamprecht	
Other information:								
mutations:	8.1				kp, Kpa			
	8.8				br			
	9.2	tenuis			te			
	9.3	luteo-legumina			gp			
Wt	11040 W1	Ra	76558/97		L	XD	K	
Name:	latus-recomb.					yob/yinc:	91 / 92	
Origin:	830/89				donor: Swiecicki	Author:	Swiecicki	
Other information:	lt gp p v A							
mutations:	9.2	latus						

			CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	11041 W1	Ra 76559/97	L	XD	K	
Name: latus-recomb.						
Origin: 380/89						
Other information: lt gp p v A						
mutations: 9.2 latus						
Wt	11042 W1	Ra 76769/99	L	XD	K	
Name: latus-recomb.						
Origin: K.920						
Other information: lt p a						
mutations: 9.2 latus						
Wt	11043 W1	Ra 76770/99	L	XD	K	
Name: latus-recomb.						
Origin: K.920						
Other information: lt p v n						
mutations: 9.2 latus						
Wt	11044 W1	Ra 76771/99	L	XD	K	
Name: latus-recomb.						
Origin: K.920						
Other information:						
mutations: 9.2 latus						
Wt	11045 W1	Ra 76772/99	L	XD	K	
Name: latus-recomb.						
Origin: K.920						
Other information: lt p						
mutations: 9.2 latus						
Wt	11047 W1	Ra 76958/99	L	XD	K	
Name: latus-recomb.						
Origin: K.920						
Other information:						
mutations: 9.2 latus						

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				CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	11080 W1	1080	Ra	77768/04	L	XD	K
Name:	K.747				yob/yinc:	79 / 80	
Origin:	L 578 * L 741				donor:	Blixt	Author: Lamprecht
Other information:	JI 56						
mutations:	3.1	comprimere		com			
	3.7	ventriosus		ve			
	3.7			Cal			
	5.5	contrahere		cont			
	8.1	superobscurum		sob			
	8.4			Pafl			
	9.2	contractivus		cotr			
	9.2	tenuis		teu			
Wt	11461 W1	1461	Ra	76667/98	L	MU	H
Name:	lathyroides				yob/yinc:	79 / 80	
Origin:	Witham Wonder				donor:	Blixt	Author: Blixt
Other information:							
mutations:	10.2	lathyroides		/lath			
	9.2			Cotr			
Wt	15063 W1	5063	Ra		L	MU	K
Name:	chlorotica				yob/yinc:	79 / 80	
Origin:	Weitor				donor:	Blixt	Author: Blixt
Other information:							
mutations:	3.2	seed size and weight		sg-2			
	6.2	chlorotica		chi-6			
	9.2	twisted pod		twp			

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				CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	10243 W1	98 Ra	76643/98	L	MU	K	
Name: yellow pod				yob/yinc: 72 / 73			
Origin: Stens				donor: Blixt	Author: Lamprecht		
Other information:							
mutations: 9.3		luteo-legumina					
Wt	10244 W1	0 Ra	76923/99	L	PO	K	
Name: Peluszka purpurowa				yob/yinc: /			
Origin:				donor:	Author:		
Other information: Anf							
mutations: 9.3		Purple pods					
Wt	10263 W1	0 Ra	75396	L	MU	K	
Name: orange pod				yob/yinc: 80 / 80			
Origin: Paloma, 200rNf/0.014%NEU				donor: Swiecicki	Author: Swiecicki		
Other information:							
mutations: 9.3		orange pod					
Wt	10279 W1	0 Ra	76709/99	L	XD	K	
Name: orange pod-recombinant				yob/yinc: 84 / 85			
Origin: Wt 10263(orp) * Wt 10033(pv)				donor: Swiecicki	Author: Swiecicki		
Other information:							
mutations: 9.3		orange pod					
Wt	10452 W1	0 Ra	77651/08	L	XD	K	
Name: orp-recombinant				yob/yinc: 83 / 85			
Origin: Wt 10263 * Wt 10033(97/2/83)				donor: Swiecicki	Author: Swiecicki		
Other information:							
mutations: 9.3		orange pod					
Wt	10497 W1	Ra		L	XD	K	
Name: Pur - recomb.				yob/yinc: 06 / 07			
Origin: K.2735				donor: Swiecicki	Author: Swiecicki		
Other information: Pur rms2							
mutations: 9.3		Purple pods					
Wt	10576 W1	0 Ra	76586/97	L	PO	K	
Name: Erbse mit Purpuren Huslen				yob/yinc: 83 / 85			
Origin:				donor: IHAR	Author:		
Other information:							
mutations: 9.3		Purple pods					

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					CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	10577 W1	577	Ra	75398	L	XD	K	
Name: K.209						yob/yinc:	79 / 80	
Origin: F4 (5924)					donor:	Blixt	Author:	Lamprecht
Other information:								
mutations: 9.3		Purple pods			Pu, Pur			
Wt	10659 W1	0	Ra	76753/99	L	XD	K	
Name: orp, k-recombinant						yob/yinc:	86 / 86	
Origin: Wt 10851 * Wt 10263					donor:	Swiecicki	Author:	Swiecicki
Other information:								
mutations: 9.3		orange pod						
Wt	10660 W1		Ra	76754/99	L	XD	K	
Name: orp-recombinant						yob/yinc:	86 / 86	
Origin: Wt10851 x Wt10263					donor:	Swiecicki	Author:	Swiecicki
Other information: a k orp								
mutations: 9.3		orange pod						
Wt	10739 W1		Ra	76756/99	L	XD	K	
Name: A 888-24(5)						yob/yinc:	/ 94	
Origin:					donor:	USA,Weeden	Author:	
Other information: Pu Pur? anf								
mutations: 9.3		Purple pods						
Wt	10740 W1	1132	Ra	77315/01	L	XD	K	
Name: K.677						yob/yinc:	83 / 84	
Origin: L 646 * L 677					donor:	Blixt	Author:	Lamprecht
Other information:								
mutations: 9.3		luteo-legumina						
Wt	10741 W1	741	Ra	75399	L	XD	K	
Name: K.272						yob/yinc:	79 / 80	
Origin: L 234 * L 241					donor:	Blixt	Author:	Lamprecht
Other information:								
mutations: 8.1					kp, Kpa			
					br			
		tenuis			te			
		luteo-legumina			gp			

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					CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	10742 W1	1518	Ra	76943/99	L	XD	K	
Name: K.1362						yob/yinc:	81 / 81	
Origin: L 1080 * L 1028					donor: Blixt	Author:	Lamprecht	
Other information: ac								
mutations: 9.3		luteo-legumina						
Wt	10743 W1	1360	Ra	76757/99	L	XD	K	
Name: K.849						yob/yinc:	83 / 84	
Origin: L 741 * L 805					donor: Blixt	Author:	Lamprecht	
Other information:								
mutations: 9.3		luteo-legumina						
Wt	10744 W1	0	Ra	76944/99	L	XD	K	
Name: B 77-254						yob/yinc:	83 / 84	
Origin: A, Pu, Pur, gp, st					donor: Marx	Author:	Marx	
Other information:								
mutations: 9.3		luteo-legumina						
Wt	10745 W1	0	Ra	75919/89	L	XD	K	
Name: B 78-516						yob/yinc:	83 / 85	
Origin: USA					donor: Marx	Author:	Marx	
Other information:								
mutations: 9.3		luteo-legumina						
Wt	11199 W1	0	Ra	75602	L	PO	K	
Name: B.I.1416						yob/yinc:	83 / 85	
Origin:					donor: IHAR	Author:		
Other information:								
mutations: 9.3		Purple pods						
Wt	11238 W1	1238	Ra	75073/95	L	XD	K	
Name: K.954						yob/yinc:	79 / 80	
Origin: L 741 * L 851					donor: Blixt	Author:	SWE,Lamprecht	
Other information: Testerline-1,2,3,5,7								
mutations: 2.4		Albumin a		Aba>A Repr.				
4.2		brevis-internodium		coh				
4.3		stem thickness		t				
8.8		Bracteatus		Bra				
9.3		Purple pods		pur>b				

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					CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	11256 Wl	1256	Ra		L	CO	K	
Name:	P. fulvum					yob/yinc:	72 / 73	
Origin:	Asia Minor				donor:	Blixt	Author:	
Other information:								
mutations:	3.5	Umbra			Umb			
	8.1	Clariluteus, Cereus			Cit,Cm			
	9.3	Astriatus			Astr			
Wt	11293 Wl	1293	Ra	77668/08	L	CO	K	
Name:	P. elatius - form					yob/yinc:	79 / 80	
Origin:	Jordan-valley				donor:	Blixt	Author:	
Other information:	Ast							
mutations:	3.1	Gritty			Gty			
	3.3	Hilum major			Him			
	8.1	Keel coloured			Kp,Kpa			
	9.1	Neoplastic pod			Np			
	9.1	Dehiscing			Dpo			
	9.3	stria rubra			sru,srub			
	9.3	rubropulvis			rup,rups			
Wt	11369 Wl	0	Ra	77331/01	L	XD	K	
Name:	Red pods					yob/yinc:	82 / 85	
Origin:	Wt 11017 * Wt 10777				donor:	Swiecicki	Author:	Swiecicki
Other information:								
mutations:	9.3	luteo-legumina, Purple pods						
Wt	12133 Wl	2133	Ra	75228	L	CV	K	
Name:	Miragreen					yob/yinc:	79 / 80	
Origin:					donor:	Blixt	Author:	Marx
Other information:								
mutations:	9.3	dark pod			dp			

				CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	10001 W1	Ra	?	L	XD	K	
Name: Nr 1							
Origin: L 3/4							
Other information:							
mutations: 10.1 erectoides							
Wt	10287 W1	Ra	76930/99	L	XD	K	
Name: lk - recombinant							
Origin: K.617							
Other information: lk Acp/F 6Pgd/F af							
mutations: 10.1 erectoides							
Wt	10476 W1	Ra	77305/01	L	MU	K	
Name: arthritic							
Origin: Tambo, 1.5mM SA							
Other information:							
mutations: 10.1 arthritic							
Wt	10477 W1	Ra	77758/04	L	MU	K	
Name: erectoides							
Origin: Tambo, 1.5mM SA							
Other information:							
mutations: 10.1 erectoides							
Wt	10485 W1	Ra	77310/01				
Name: arthritic							
Origin: Tambo, 1.5mM SA							
Other information:							
mutations: 10.1 arthritic							
Wt	11393 W1	Ra	76976/99	L	MU	K	
Name: minusus							
Origin: L 582 * L 1080							
Other information:							
mutations: 10.1 minusus							
Wt	11394 W1	Ra	76977/99	L	MU	K	
Name: minusus							
Origin: Paloma, 200rNf/0.014% NEU							
Other information:							
mutations: 10.1 minusus							

10 Complex mutants

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				CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	12670 W1	0 Ra	76678/98	L	MU	K	
Name: early withering				yob/yinc:		81 / 81	
Origin: Paloma, 200rNf/0.014%NEU				donor:	Swiecicki	Author:	Swiecicki
Other information:							
mutations: 10.1 early withering							
Wt	12672 W1	0 Ra	76855/99	L	MU	K	
Name: minusus				yob/yinc:		81 / 81	
Origin: Paloma, 200rNf/0.014%NEU				donor:	Swiecicki	Author:	Swiecicki
Other information:							
mutations: 10.1 minusus							
Wt	12690 W1	0 Ra	76857/99	L	MU	K	
Name: minusus				yob/yinc:		81 / 81	
Origin: Paloma, 200rNf/0.014%NEU				donor:	Swiecicki	Author:	Swiecicki
Other information:							
mutations: 10.1 minusus							
Wt	12693 W1	0 Ra	76858/99	L	MU	K	
Name: minusus				yob/yinc:		81 / 81	
Origin: Kaliski, 500rNf/0.014%NEU				donor:	Swiecicki	Author:	Swiecicki
Other information:							
mutations: 10.1 minusus							
Wt	12695 W1	0 Ra	76859/99	L	MU	K	
Name: minusus				yob/yinc:		81 / 81	
Origin: Kaliski, 0.014%NEU, 196/81				donor:	Swiecicki	Author:	Swiecicki
Other information:							
mutations: 10.1 minusus							
Wt	15874 W1	5874 Ra		L	MU	K	
Name: sativoides				yob/yinc:		79 / 80	
Origin:				donor:	Blixt	Author:	Sharma
Other information:							
mutations: 10.1 sativoides sat							
Wt	16017 W1	Ra	77688/08	V	CV	K	
Name: Sparkle				yob/yinc:		89 / 92	
Origin: USA, Rogers Broth. Seed Co.				donor:	LaRue, USA	Author:	
Other information:							
mutations: 10.1 Brz							
4.2 Lv							
7 Sym5 Sym13							

10 Complex mutants

1 Fertile

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				CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	16021 W1	Ra	77034/99	L	XD	K	
	Name: art2-recomb.				yob/yinc:	90 / 92	
	Origin: K.901			donor:	Swiecicki	Author:	Swiecicki
	Other information: art2 het						
	mutations: 10.1		arthritic				
Wt	16038 W1	Ra	77039/99	L	XD	K	
	Name: art2 - recomb.				yob/yinc:	93 / 95	
	Origin: K.1151			donor:	Swiecicki	Author:	Swiecicki
	Other information: art2 det						
	mutations: 10.1		arthritic				
Wt	16049 W1	Ra	77184/00	L	XD	K	
	Name: art1-recomb.				yob/yinc:	98 / 00	
	Origin: POL, K.1762			donor:	Swiecicki	Author:	Swiecicki
	Other information: art1 chi33 wlo						
	mutations: 10.1		arthritic				
Wt	16078 W1	Ra	77795/04	L	XD	K	
	Name: art2-recomb.				yob/yinc:	03 / 04	
	Origin: K.2593			donor:	Swiecicki	Author:	Swiecicki
	Other information: art2 det curl						
	mutations: 10.1		arthritic				
Wt	16125 W1	0 Ra	75932/89	L	MU	K	
	Name: arthritic				yob/yinc:	81 / 81	
	Origin: Paloma, 200rNf/0.014%NEU			donor:	Swiecicki	Author:	Swiecicki
	Other information:						
	mutations: 10.1		arthritic		art-2		
Wt	16126 W1	0 Ra	77043/99	L	SE	K	
	Name: arthritic				yob/yinc:	82 / 82	
	Origin: C-78-346-(5) =C827-1			donor:	Marx	Author:	Marx
	Other information:						
	mutations: 10.1		arthritic		art-1		
Wt	16139 W1	0 Ra	77366/01	L	MU	K	
	Name: degenerating leaves				yob/yinc:	82 / 85	
	Origin: 142D(142B * 489C)			donor:	Gottschalk	Author:	Gottschalk
	Other information:						
	mutations: 10.1		degenerating leaves				

PISUM COLLECTION WIATROWO – MUTATION GROUPS

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			CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	16157 W1	Ra	77718/08	L	XD	K
Name:	art1 - recomb.			yob/yinc:	94 / 95	
Origin:	K.1142		donor:	Swiecicki	Author:	Swiecicki
Other information:	art1 bls					
mutations:	10.1	arthritic				

10 Complex mutants

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				CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	10185 W1	0 Ra	76698/99	L	MU	H	
Name: unifoliata				yob/yinc:		79 / 80	
Origin: Kaliski, 0.014%NEU, 204/5/81				donor:	Swiecicki	Author:	Swiecicki
Other information:							
mutations: 10.2 unifoliata							
Wt	10187 W1	187 Ra	77192/00	L	MU	H	
Name: unifoliata				yob/yinc:		79 / 80	
Origin: Stens * Concordia				donor:	Blixt	Author:	Lamprecht
Other information: JI2171							
mutations: 10.2 unifoliata				/uni			
Wt	10198 W1	892 Ra		L	XD	H	
Name: unifoliata				yob/yinc:		79 / 80	
Origin: K.238				donor:	Blixt	Author:	Lamprecht
Other information:							
mutations: 10.2 unifoliata							
Wt	10351 W1	826 Ra	76549/97	L	MU	H	
Name: K.344				yob/yinc:		83 / 84	
Origin: L 151 * L 388				donor:	Blixt	Author:	Lamprecht
Other information:							
mutations: 10.2 unifoliata							
Wt	10482 W1	0 Ra	77308/01	L	MU	H	
Name: lathyroides, chlorotica				yob/yinc:		81 / 81	
Origin: Kaliski, 0.014%NEU, 195/81				donor:	Swiecicki	Author:	Swiecicki
Other information:							
mutations: 10.2 lathyroides							
Wt	10483 W1	483 Ra	76649/98	L	MU	H	
Name: angustifolius				yob/yinc:		79 / 80	
Origin: Witham Wonder				donor:	Blixt	Author:	Nilsson
Other information:							
mutations: 10.2 angustifolius				/ang			
Wt	10751 W1	751 Ra	76947/99	L	MU	H	
Name: laciniata				yob/yinc:		79 / 80	
Origin: L 110 * L 125				donor:	Blixt	Author:	Lamprecht
Other information:							
mutations: 10.2 laciniata				/lac			

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				CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	10890 W1	0 Ra	77321/01	L	MU	H	
Name: obovatus				yob/yinc: 81 / 81			
Origin: Paloma, 0.014%NEU, 202/81				donor: Swiecicki	Author: Swiecicki		
Other information:							
mutations: 10.2		obovatus					
Wt	11461 W1	1461 Ra	76667/98	L	MU	H	
Name: lathyroides				yob/yinc: 79 / 80			
Origin: Witham Wonder				donor: Blixt	Author: Blixt		
Other information:							
mutations: 10.2		lathyroides		/lath			
9.2				Cotr			
Wt	15043 W1	0 Ra	77677/08	L	MU	H	
Name: ruinous				yob/yinc: 82 / 85			
Origin: Paloma, 0.014%NEU, 3064/71				donor: Swiecicki	Author: Swiecicki		
Other information:							
mutations: 10.2		ruinous					
Wt	15047 W1	0 Ra	76681/98	L	MU	H	
Name: ruinous				yob/yinc: 81 / 81			
Origin: Kaliski, 0.014%NEU, 209/7,8/81				donor: Swiecicki	Author: Swiecicki		
Other information:							
mutations: 10.2		ruinous					
Wt	15049 W1	5049 Ra	76860/99	L	MU	H	
Name: lac				yob/yinc: 79 / 80			
Origin: Weitor				donor: Blixt	Author: Blixt		
Other information:							
mutations: 10.2		laciniata					
6.2		chlorotica		chi4			
Wt	15050 W1	0 Ra	77678/08	L	MU	H	
Name: laciniata				yob/yinc: 81 / 81			
Origin: Paloma, 0.014%NEU, 200/3/81				donor: Swiecicki	Author: Swiecicki		
Other information:							
mutations: 10.2		laciniata					
Wt	15873 W1	5873 Ra	76877/99	L	MU	H	
Name: cabbage leaf				yob/yinc: 79 / 80			
Origin:				donor: Blixt	Author: Sharma		
Other information:							
mutations: 10.2		cabbage leaf		/calf			

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				CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	16004 W1	Ra	76883/99	L	MU	H	
Name:	ruinous				yob/yinc:	89 / 90	
Origin:	2x150 rNf/24h,Elektron			donor:	Swiecicki	Author:	Swiecicki
Other information:							
mutations:	10.2	ruinous					
Wt	16006 W1	0 Ra	76571/97	L	MU	H	
Name:	ovula pistilloida				yob/yinc:	81 / 81	
Origin:	Paloma, 200rNf/0.014%NEU			donor:	Swiecicki	Author:	Swiecicki
Other information:							
mutations:	10.2	ovula pistilloida					
Wt	16008 W1	0 Ra	76885/99	L	MU	H	
Name:	ovula pistilloida				yob/yinc:	81 / 81	
Origin:	Kaliski, 500rNf, 201/1/81			donor:	Swiecicki	Author:	Swiecicki
Other information:							
mutations:	10.2	ovula pistilloida					
Wt	16009 W1	6009 Ra	76572/97	L	MU	H	
Name:	ovula pistilloida				yob/yinc:	79 / 80	
Origin:	Parvus			donor:	Blixt	Author:	Monti
Other information:							
mutations:	10.2	ovula pistilloida		/op			
Wt	16010 W1	6010 Ra	77687/08	L	MU	H	
Name:	filiformis				yob/yinc:	79 / 80	
Origin:	Parvus			donor:	Blixt	Author:	Monti
Other information:	JI 2172						
mutations:	10.2	filiformis		/fil			
Wt	16022 W1	Ra	76574/97	L	MU	H	
Name:	senecioides				yob/yinc:	89 / 92	
Origin:	cv. Pegro, Nf			donor:	Swiecicki	Author:	Swiecicki
Other information:							
mutations:	10.2	senecioides					
Wt	16023 W1	Ra	76575/97	L	MU	H	
Name:	pistilloid flower				yob/yinc:	89 / 92	
Origin:	cv. Pegro, Nf			donor:	Swiecicki	Author:	Swiecicki
Other information:	uni-flov.,leaf norm.						
mutations:	10.2	pistilloid flower					

10 Complex mutants

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				CLASS IFICATION	TYPE	MAINTENANCE	TYPE OF USAGE
Wt	16024 W1	Ra	77035/99	L	MU	H	
	Name: cabbage leaf				yob/yinc:	89 / 92	
	Origin: cv. Pegro, Nf			donor:	Swiecicki	Author:	Swiecicki
	Other information:						
	mutations: 10.2		cabbage leaf				
Wt	16029 W1	Ra	77794/04	L	MU	H	
	Name: filiformis				yob/yinc:	91 / 92	
	Origin: K.995			donor:	Swiecicki	Author:	Swiecicki
	Other information: spont. in breed.						
	mutations: 10.2		filiformis				
Wt	16030 W1	Ra	77037/99	L	MU	H	
	Name: calycinal flower				yob/yinc:	91 / 92	
	Origin: cv. Porta			donor:	Swiecicki	Author:	Swiecicki
	Other information:						
	mutations: 10.2		corolla flower				
Wt	16041 W1	Ra	76178/96	L	SE	K	
	Name: curled plant				yob/yinc:	94 / 96	
	Origin: K.867, spont.			donor:	Swiecicki	Author:	Swiecicki
	Other information:						
	mutations: 10.2		curled plant				
Wt	16044 W1	Ra	77356/01	L	XD	K	
	Name: M 285				yob/yinc:	97 / 99	
	Origin: USA, W6 15300			donor:	Pullman	Author:	Marx
	Other information: /uni /af apu						
	mutations: 10.2		unifoliata				
Wt	16048 W1	Ra	77183/00	L	MU	H	
	Name: unifoliata				yob/yinc:	88 / 00	
	Origin: cv. Elektron, 2x150rNf			donor:	Swiecicki	Author:	Swiecicki
	Other information:						
	mutations: 10.2		unifoliata				
Wt	16050 W1	Ra	77185/00	L	MU	H	
	Name: ruinous				yob/yinc:	98 / 00	
	Origin: cv. Grapis, 2.5mM AS			donor:	Swiecicki	Author:	Swiecicki
	Other information:						
	mutations: 10.2		ruinous				