



EUROPEAN UNION

COMMUNITY PLANT VARIETY OFFICE

PROTOCOL FOR DISTINCTNESS, UNIFORMITY AND STABILITY TESTS

***Prunus persica* (L.) Batsch.**

PEACH / NECTARINE

UPOV Species Code: PRUNU_PER

Adopted on 27/03/2003

I SUBJECT OF THE PROTOCOL

The protocol describes the technical procedures to be followed in order to meet the Council Regulation 2100/94 on Community Plant Variety Rights. The technical procedures have been agreed by the Administrative Council and are based on general UPOV Document TG/1/3 and UPOV Guideline TG/53/6 dated 20/10/1995 for the conduct of tests for Distinctness, Uniformity and Stability. This protocol applies to fruit varieties of *Prunus persica* (L.) Batsch.

II SUBMISSION OF SEED AND OTHER PLANT MATERIAL

1. The Community Plant Variety Office (CPVO) is responsible for informing the applicant of

- the closing date for the receipt of plant material;
- the minimum amount and quality of plant material required;
- the examination office to which material is to be sent.

A sub-sample of the material submitted for test will be held in the variety collection as the definitive sample of the candidate variety.

The applicant is responsible for ensuring compliance with any customs and plant health requirements.

2. Final dates for receipt of documentation and material by the Examination Office

The final dates for receipt of requests, technical questionnaires and the final date or submission period for plant material will be decided by the CPVO and each Examination Office chosen.

The Examination Office is responsible for immediately acknowledging the receipt of requests for testing, and technical questionnaires. Immediately after the closing date for the receipt of plant material the Examination Office should inform the CPVO whether acceptable plant material has been received or not. However if unsatisfactory plant material is submitted the CPVO should be informed as soon as possible.

3. Plant material requirements

Survey of final dates for request for technical examination and sending of Technical Questionnaire by the CPVO as well as submission date of plant material by the applicant.

	Request of examination	Plant material	Plant material requirements
FRANCE	30/11	31/01	9 virus-tested one year-old plants, grafted on to peach seedling "Montclar" or any other peach seedling, or on peach-almond "GF 677".
ITALY	28/02	31/03	8 virus-tested one year-old plants, grafted preferably on "GF 677".
SPAIN	30/11	31/01	8 virus-tested plants, grafted preferably on "GF 305".

Quality of plants: Should not be less than the standards laid down in Council Directives 77/93/EEC and 92/34/EEC and their implementing measures. They must be free from :

Insects, mites and nematodes at all stages of their development

- *Anarsia lineatella*
- *Capnodis tenebrionis*
- *Meloidogyne* spp.
- Scale insects, in particular:
Epidiaspis leperii, *Pseudaulacaspis pentagona*,
Quadraspidiotus perniciosus

Bacteria

- *Agrobacterium tumefaciens*
- *Pseudomonas syringae* pv. *mors prunorum*
- *Pseudomonas syringae* pv. *syringae*

Fungi

- *Armillariella mellea*
- *Chondrostereum purpureum*
- *Nectria galligena*
- *Rosellinia necatrix*
- *Taphrina deformans*
- *Verticillium* spp.

Viruses and virus-like organisms, and in particular

- Prune dwarf virus
- Prunus necrotic ringspot virus
- Plum pox virus

Chemical treatment: The plant material must not have undergone any treatment unless the CPVO and the examination office allow or request such treatment. If it has been treated, full details of the treatment must be given.

- Labelling of individual plants in sample:
- Species
 - File number of the application allocated by the CPVO
 - Breeder's reference
 - Examination office's reference (if known)
 - Name of applicant
 - The phrase "On request of the CPVO"

III CONDUCT OF TESTS

1. Variety collection

A variety collection will be maintained for the purpose of establishing distinctness of the candidate varieties in test. A variety collection may contain both living material and descriptive information. A variety will be included in a variety collection only if plant material is available to make a technical examination.

Pursuant to Article 7 of Council Regulation No. 2100/94, the basis for a collection should be the following:

- varieties listed or protected at the EU level or at least in one of the EEA Member States;
- varieties protected in other UPOV Member States;
- any other variety in common knowledge.

The composition of the variety collection in each Examination Office depends on the environmental conditions in which the Examination Office is located.

Variety collections will be held under conditions which ensure the long term maintenance of each accession. It is the responsibility of Examination Offices to replace reference material which has deteriorated or become depleted. Replacement material can only be introduced if appropriate tests confirm conformity with the existing reference material. If any difficulties arise for the replacement of reference material, Examination Offices must inform the CPVO. If authentic plant material of a variety cannot be supplied to an Examination Office the variety will be removed from the variety collection.

2. Material to be examined

Candidate varieties will be directly compared with other candidates for Community plant variety rights tested at the same Examination Office, and with appropriate varieties in the variety collection. When necessary an Examination Office may also include other candidates and varieties. Examination Offices should therefore make efforts to co-ordinate the work with other Offices involved in DUS testing of peach/nectarine. There should be at least an exchange of technical questionnaires for each candidate variety, and during the test period, Examination Offices should notify each other and the CPVO of candidate varieties which are likely to present problems in establishing distinctness. In order to solve particular problems Examination Offices may exchange plant material.

3. Characteristics to be used

The characteristics to be used in DUS tests and preparation of descriptions shall be those referred to in the Annex 1. All the characteristics shall be used, providing that observation of a characteristic is not rendered impossible by the expression of any other characteristic, or the expression of a characteristic is prevented by the environmental conditions under which the test is conducted. In the latter case, the CPVO should be informed. In addition the existence of some other regulation e.g. plant health, may make the observation of the characteristic impossible.

The Administrative Council empowers the President, in accordance with Article 23 of Commission Regulation N° 1239/95, to insert additional characteristics and their expression in respect of a variety.

4. Grouping of varieties

The varieties and candidates to be compared will be divided into groups to facilitate the assessment of distinctness. Characteristics which are suitable for grouping purposes are those which are known from experience not to vary, or to vary only slightly, within a variety and which in their various states of expression are fairly evenly distributed throughout the collection. In the case of continuous grouping characteristics overlapping states of expression between adjacent groups is required to reduce the risks of incorrect allocation of candidates to groups. The characters used for grouping could be the following:

- a) Tree : size (characteristic 1)
- b) Flower : type (characteristic 10)
- c) Petiole : nectaries (characteristic 30)
- d) Fruit : pubescence (characteristic 45)
- e) Fruit : ground colour of flesh (characteristic 50)
- f) Stone : adherence to flesh (characteristic 62)
- g) Time of beginning of flowering (characteristic 65)
- h) Time of maturity for consumption (characteristic 67)

5. Trial designs and growing conditions

The minimum duration of tests (independent growing cycles) will normally include at least two satisfactory crops of fruit. Tests will be carried out under conditions ensuring normal growth. The size of the plots will be such that plants or parts of plants may be removed for measuring and counting without prejudice to the observations which must be made up to the end of the growing period.

The test design is as follows

As a minimum, each test should include a total of at least 6 plants. Unless otherwise stated, all observations should be made on 10 parts, 2 from each of 5 plants.

Unless otherwise stated, all observations on the leaf should be made on fully developed leaves in the central third of a current season shoot.

All observations on the nectaries (glands) should be made on leaves as soon as they are fully developed.

All observations on the flowering shoot and the flower should be made in the central third of the shoot.

Unless otherwise indicated, all observations on the flower should be made on fully opened flowers at the beginning of anther dehiscence. The time of beginning of flowering is reached when 10% of the flowers on the tree are fully opened. The end of flowering is reached at 90% petal fall.

All observations on the fruit should be made on fruits mature for eating.

All observations on the stone should be made on the dry stone after removal of the flesh.

6. Special tests

In accordance with Article 83(3) of Council Regulation No. 2100/94 an applicant may claim either in the Technical Questionnaire or during the test that a candidate has a characteristic which would be helpful in establishing distinctness. If such a claim is made and is supported by reliable technical data, a special test may be undertaken providing that a technically acceptable test procedure can be devised.

Special tests will be undertaken, with the agreement of the President of CPVO, where distinctness is unlikely to be shown using the characters listed in the protocol.

7. Standards for decisions

a) **Distinctness**

A candidate variety will be considered to be distinct if it meets the requirements of Article 7 of Council Regulation No. 2100/94.

b) **Uniformity**

A candidate will be considered to be sufficiently uniform if the number of off-types does not exceed the number of plants as indicated in the table below. A population standard of 1% and an acceptance probability of 95% should be applied.

Table of maximum numbers of off-types allowed for uniformity standards.

<u>Number of plants</u>	<u>off-types allowed</u>
≤ 5	0
6-35	1

c) **Stability**

A candidate will be considered to be sufficiently stable when there is no evidence to indicate that it lacks uniformity.

IV REPORTING OF RESULTS

After each recording season the results will be summarised and reported to the CPVO in the form of a UPOV model interim report in which any problems will be indicated under the headings distinctness, uniformity and stability. Candidates may meet the DUS standards after two fruiting periods but in some cases three fruiting periods may be required. When tests are completed the results will be sent by the Examination Office to the CPVO in the form of a UPOV model final report.

If it is considered that the candidate complies with the DUS standards, the final report will be accompanied by a variety description in the format recommended by UPOV. If not the reasons for failure and a summary of the test results will be included with the final report.

The CPVO must receive interim reports and final reports by the date agreed between the CPVO and the examination office.

Interim reports and final examination reports shall be signed by the responsible member of the staff of the Examination Office and shall expressly acknowledge the exclusive rights of disposal of CPVO.

V LIAISON WITH THE APPLICANT

If problems arise during the course of the test the CPVO should be informed immediately so that the information can be passed on to the applicant. Subject to prior agreement, the applicant may be directly informed at the same time as the CPVO particularly if a visit to the trial is advisable.

The interim report as well as the final report shall be sent by the Examination Office to the CPVO.

ANNEXES TO FOLLOW

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ANNEX II

Technical Questionnaire

ANNEX I

TABLE OF CHARACTERISTICS TO BE USED IN DUS-TEST AND PREPARATION OF DESCRIPTIONS

CPVO N°	UPOV N°	Characteristics	Examples	Note	
1	1	Tree: size	very small	Bonanza	1
			small	Richaven	3
			medium	Robin	5
			large	Redhaven	7
			very large	Champion	9
2	2	Tree: vigour	weak	J.H. Hale	3
			medium	Robin	5
			strong	Springtime	7
3	3	Tree: habit	upright	Nectarose, Pillar	1
			semi-upright	Fairhaven	3
			spreading	Albertina, Mayred	5
			drooping		7
			weeping	Biancopedulo	9
4	4	Flowering shoot: thickness (excluding brindilles)	thin	Mayred	3
			medium	Redhaven	5
			thick	Lizzie	7
5	5	Flowering shoot: length of internodes (excluding brindilles)	very short	Bonanza	1
			short	June Gold, Merrill Sundance	3
			medium	Redhaven	5
			long	Fairhaven	7
			very long		9

CPVO N°	UPOV N°	Characteristics		Examples	Note
6	6	Flowering shoot: anthocyanin coloration (excluding brindilles, side away from sun)	absent	De Flor Doble Blanca	1
			present	Springtime	9
7	7	Flowering shoot: intensity of anthocyanin coloration (excluding brindilles, side away from sun)	weak	Springtime	3
			medium	Fuzalode	5
			strong	Robin	7
8	8	Flowering shoot: density of flower buds (excluding brindilles)	sparse	Merrill X., Early Coronet	3
			medium	Michelini	5
			dense	Redhaven	7
9	9	Flowering shoot: general distribution of flower buds (excluding brindilles)	isolated	Flavortop	1
			in groups of two or more	Redhaven, Sunred, Tejon	2
10	10	Flower: type	non showy	Springtime	1
			showy	Robin	2
11	11	Calyx: colour of inner side (opened flower, before falling of petals)	greenish yellow	Robin	1
			orange	Redhaven	2
12	12	Corolla: predominant colour (inner side)	white	Biancpendulo, De Flor Doble Blanca	1
			very light pink	Cardinal	2
			light pink	Michelini	3
			medium pink	Fuzalode	4
			dark pink	Vivian	5
			violet pink	Candor	6
			red	Red Flower Peach	7

CPVO N°	UPOV N°	Characteristics	Examples	Note	
13	13	Petal: shape	narrow elliptic	1	
			broad elliptic	Earlibelle	2
			round	Springtime	3
14	14	Petal: size	very small	Redhaven	1
			small	Shasta	3
			medium	Robin, Sunhigh	5
			large	Michelini	7
			very large	Veteran	9
15	15	Petals: number	five	Redhaven	1
			more than five	Red Flower Peach	2
16	16	Stamens: position compared to petals	below	Loring	1
			same level	Robin, Springtime	2
			above	Redhaven	3
17	17	Stigma: position compared to anthers	below	Vivian	1
			same level	Crimson Gold	2
			above	Fuzalode	3
18	18	Anthers: pollen	absent	Fuzalode	1
			present	Redhaven	9
19	19	Ovary: pubescence	absent	Fuzalode	1
			present	Redhaven	9
20	20	Young shoot: length of stipule	short	Redhaven	3
			medium	Robin	5
			long	Dixired	7
21	21	Leaf blade: length	short	Jeronimo	3
			medium	Fairhaven	5
			long	Southland	7

CPVO N°	UPOV N°	Characteristics		Examples	Note
22	22	Leaf blade: width	narrow		3
			medium		5
			broad		7
23	23	Leaf blade: ratio length/width	small	Mountaingold	3
			medium	Early Sungrand	5
			large	Springtime, Vivian	7
24	24	Leaf blade: shape in cross section	concave	Merril Gemfree	1
			flat	Mayred	2
			convex		3
25	25	Leaf blade : recurvature of apex	absent	Merrill Sundance	1
			present	Flavortop	9
26	26	Leaf blade: angle at base	acute	Springtime	1
			approximately right angle	Redhaven	2
			obtuse	Merril Franciscan	3
27	27	Leaf blade: angle at apex	small	Red June	3
			medium	Earlired	5
			large	Merril Franciscan	7
28	28	Leaf blade: colour	greenish yellow	Redhaven	1
			green	Robin	2
			purplish red	Rubira	3
29		Leaf: red mid-vein on the lower side	absent	Redhaven	1
			present	Sanguine Chanas	9
30	29	Petiole: length	short	Redhaven	3
			medium	Genadix 7	5
			long	Andross	7

CPVO N°	UPOV N°	Characteristics	Examples	Note	
31	30	Petiole: nectarines	absent	Tejon	1
			present	Redhave	9
32 (+)	31	Petiole: shape of nectarines	round	Springtime	1
			reniform	Redhaven	2
33	32	Petiole: predominant number of nectarines	two	Genadix 7	1
			more than two	Everts	2
34	33	Fruit: size	very small	Cerise	1
			small	Springtime	3
			medium	Sunhaven	5
			large	Loring	7
			very large	Comanche	9
35 (+)	34	Fruit: shape (in ventral view)	broad oblate	Plate de Chine, Platicarpa	1
			oblate	Robin	2
			round	Redwing	3
			ovate	Cavalier	4
			elliptic	Elberta	5
36	35	Fruit: shape of pistil end	prominently pointed	Jerseyland	1
			weakly pointed	Springtime	2
			flat	Redhaven	3
			weakly depressed	Robin	4
			strongly depressed	Plate de Chine	5
37	36	Fruit: symmetry (viewed from pistil end)	asymmetric	Precocissima Morettini	1
			symmetric	Redhaven	2

CPVO N°	UPOV N°	Characteristics		Examples	Note
38	37	Fruit: prominence of suture	weak	Redhaven	3
			medium		5
			strong	Precocissima Morettini	7
39 (+)	38	Fruit: depth of stalk cavity	shallow	Robin	3
			medium		5
			deep	Southland	7
40	39	Fruit: width of stalk cavity	narrow	Redhaven	3
			medium	May Grand	5
			broad	Robin	7
41	40	Fruit: ground colour	green	Rubberima	1
			cream green	Carman	2
			greenish white	Morton	3
			cream white	Michelini	4
			cream	Amsden	5
			pink white	Précoce de Hale	6
			greenish yellow	Veteran	7
			cream yellow	Fuzalode	8
			yellow	Redhaven	9
			orange yellow	Redtop	10
42	41	Fruit: over colour	absent		1
			present		9

CPVO N°	UPOV N°	Characteristics	Examples	Note	
43	42	Fruit: hue of over colour	orange red	Velvet	1
			pink	Genard	2
			pink red	Fuzalode	3
			light red	Redtop	4
			medium red	Red Diamond	5
			dark red	Redwing	6
			blackish red	Blood Flesh Nectarine	7
44	43	Fruit: pattern of over colour	solid flush	Flavorcrest	1
			striped	Velvet	2
			mottled	Merrill Sundance	3
			marbled	Genadix	4
45	44	Fruit: extent of over colour	very small	Veteran	1
			small	Amsden	3
			medium	Redhaven	5
			large	Suncrest	7
			very large	Redtop	9
46	45	Fruit: pubescence	absent	<i>Prunus persica</i> (L) Batsch var. <i>nucipersica</i> (L.) C.K. Schneid (= Nectarine)	1
			present	<i>Prunus persica</i> (L) Batsch var. <i>persica</i> (= Peach)	9
47	46	Fruit: density of pubescence	very sparse	Merrill Gemfree	1
			sparse	Suncrest	3
			medium	Dixired	5
			dense	Earlyvee, Veteran	7
			very dense	Arp Beauty, Triumph	9
48	47	Fruit: thickness of skin	thin	Fuzalode	3
			medium	Mme Girard	5
			thick	Carman	7

CPVO N°	UPOV N°	Characteristics	Examples	Note	
49	48	Fruit: adherence of skin to flesh	absent or very weak	Mme Girard	1
			weak	Redhaven	3
			medium	Early Sungrand	5
			strong	Babygold 5	7
			very strong	Vivian	9
50	49	Fruit: firmness of flesh	very soft	Amsden	1
			soft	Fairhaven	3
			medium	Redhaven	5
			firm	Redtop	7
			very firm	Babygold 6	9
51	50	Fruit: ground colour of flesh	greenish white	Charles Roux	1
			white	Springtime, Caldesi 2000	2
			cream white		3
			light yellow	Armking, Springold	4
			yellow	Early Sungrand	5
			orange yellow	Franciscan, Lovell	6
			orange	Sungold	7
			red	Sanguine Vineuse	8
52	51	Fruit: anthocyanin coloration directly under skin	absent or very weakly expressed	Redhaven	1
			weakly expressed		2
			strongly expressed		3
53	52	Fruit: anthocyanin coloration of flesh	absent or very weakly expressed	Robin	1
			weakly expressed		2
			strongly expressed		3

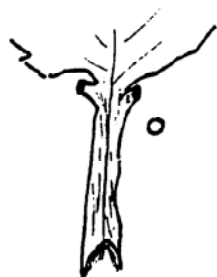
CPVO N°	UPOV N°	Characteristics		Examples	Note
54	53	Fruit: anthocyanin coloration around stone	absent or very weakly expressed	Springtime	1
			weakly expressed		2
			strongly expressed		3
55	54	Fruit: texture of the flesh	not fibrous	Redhaven	1
			fibrous	Sunhigh	2
56	55	Fruit: sweetness	low	Merrill Gemfree	3
			medium	Dixired, Redhaven	5
			high	Philp	7
57	56	Fruit: acidity	low	Redwing	3
			medium	Redtop	5
			high	Armking	7
58	57	Stone: size compared to fruit	small	Robin	3
			medium	Redhaven	5
			large	Somervee	7
59 (+)	58	Stone: shape (in lateral view)	oblate	Plate de Chine, Platicarpa	1
			round	Robin,	2
			elliptic	Loring	3
			obovate	Rubidoux	4
60	59	Stone: intensity of brown colour	light	Robin	3
			medium		5
			dark	Vivian	7
61 (+)	60	Stone: relief of surface	small pits	Ribet	1
			large pits	Dugelay	2
			grooves	Charles Roux	3
			pits and grooves	Madame Girerd	4

CPVO N°	UPOV N°	Characteristics		Examples	Note
62	61	Stone: tendency of splitting (at peak harvest)	absent or very low	Fairhaven	1
			low	Dixired	3
			medium	Springgold	5
			high	Cardinal	7
			very high	Earlired	9
63	62	Stone: adherence to flesh	absent	Fairhaven, Fuzalode	1
			present	Sweet Gold, Vivian	9
64	63	Stone: degree of adherence to flesh	weak	Dixired	3
			medium	Springcrest	5
			strong	Vivian	7
65	64	Time of leaf bud burst	very early	Sunred	1
			early	Springtime	3
			medium	Redhaven	5
			late	Genadix 7	7
			very late	Philp	9
66	65	Time of beginning of flowering	very early	Sunred	1
			early	Springtime	3
			medium	Redhaven	5
			late	Philp	7
			very late	Summerqueen	9
67	66	Duration of flowering	short	Philp	3
			medium	Redhaven	5
			long	Springtime	7

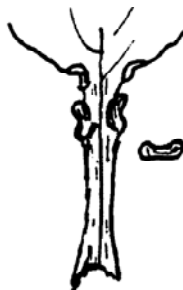
CPVO N°	UPOV N°	Characteristics	Examples	Note	
68	67	Time of maturity for consumption	very early	Springtime	1
			early	Robin	3
			medium	Fairhaven	5
			late	Veteran	7
			very late	Firetime, Rubidoux	9
69	68	Tendency to preharvest drop	absent or very weak	Redhaven	1
			weak	Shasta	3
			medium	Vesuvio	5
			strong	Sudanell	7
			very strong	Jeronimo	9

EXPLANATIONS AND METHODS

Ad 32: Petiole: shape of nectaries



1
round

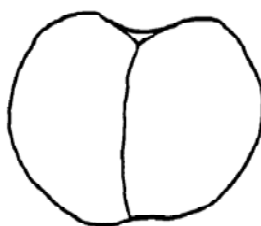


2
reniform

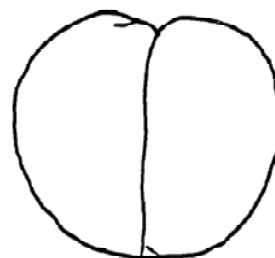
Ad 35: Fruit: shape (in ventral view)



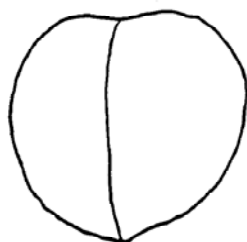
1
broad oblate



2
oblate



3
round

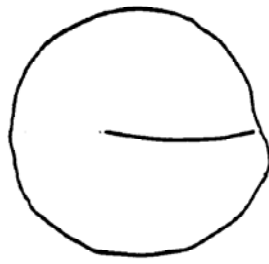


4
ovate

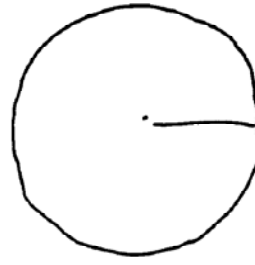


5
elliptic

Ad 36: Fruit: symmetry (viewed from pistil end)

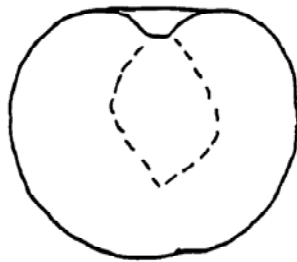


1
asymmetric

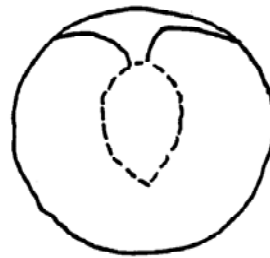


2
symmetric

Ad 39: Fruit: depth of stalk cavity



3
shallow



7
deep

Ad 59: Stone: shape (in lateral view)



1
oblate



2
round



3
elliptic



4
obovate

Ad 61: Stone: relief of surface



1
small pits



2
large pits



3
groove



4
spits and grooves

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ANNEX II



European Union
Community Plant Variety Office

TECHNICAL QUESTIONNAIRE

to be completed in connection with an application for Community Plant Variety Rights
Please answer all questions. A question without any answer will lead to a non-attribution
of an application date. In cases where a field / question is not applicable, please state so.

1. **Botanical taxon:** Name of the genus, species or sub-species to which the variety belongs and
common name (Please tick only one of the corresponding boxes)

Prunus persica (L.) Batsch.

PEACH

NECTARINE

2. **Applicant(s):** Name(s) and address(es), phone and fax number(s), Email address, and where
appropriate name and address of the procedural representative

3. **Variety denomination**

a) Where appropriate proposal for a variety denomination:

b) Provisional designation (breeder's reference):

4. Information on origin, maintenance and reproduction of the variety

4.1 Breeding scheme

- (a) Variety resulting from
 - (i) Controlled cross []
(indicate parent varieties)

 - (ii) Partially unknown cross []
(indicate known parent variety(ies))

 - (iii) Totally unknown []

- (b) Mutation []
(indicate parent variety)

- (c) Discovery []
(indicate where, when and how developed)

- (d) Other (please provide details) []

4.2 Method of propagation

- (a) Cuttings []
- (b) *In vitro* propagation []
- (c) Seed []
- (d) Other (please specify): []

4.3	Pollinator	<p>Good pollinators are the following varieties :</p>	
4.4	Virus status	<p>(a) The variety is free from all known viruses as follows (indicate from which viruses) []</p> <p>(b) The plant material is virus tested (indicate against which viruses)..... []</p> <p>(c) The virus status is unknown []</p>	
4.5	Geographical origin of the variety:	<p>the region and the country in which the variety was bred or discovered and developed</p>	
5.	Characteristics of the variety to be indicated	<p>(the number in brackets refers to the corresponding characteristic in the CPVO Protocol; please mark the state of expression which best corresponds).</p>	
Characteristics		Example varieties	Note
5.1	Tree: size		
(1)	very small	Bonanza	1 []
	small	Richaven	3 []
	medium	Robin	5 []
	large	Redhaven	7 []
	very large	Champion	9 []

	Characteristics	Example varieties	Note
5.2 (6)	Flowering shoot: anthocyanin coloration (excluding brindilles, side away from sun)		
	absent	De Flor Doble Blanca	1 []
	present	Springtime	9 []
5.3 (10)	Flower: type		
	non showy	Springtime	1 []
	showy	Robin	2 []
5.4 (14)	Petal: size		
	very small	Redhaven	1 []
	small	Shasta	3 []
	medium	Robin, Sunhigh	5 []
	large	Michellini	7 []
	very large	Veteran	9 []
5.5 (31)	Petiole: nectaries		
	absent	Tejon	1 []
	present	Redhaven	9 []
5.6 (32)	Petiole: shape of nectaries		
	round	Springtime	1 []
	reniform	Redhaven	2 []

	Characteristics	Example varieties	Note
5.7 (51)	Fruit: ground colour of flesh		
	greenish white		1 []
	white		2 []
	cream white		3 []
	light yellow		4 []
	yellow		5 []
	orange yellow		6 []
	orange		7 []
	red		8 []
5.8 (63)	Stone: adherence of flesh		
	absent	Fairhaven, Fuzalode	1 []
	present	Sweet Gold, Vivian	9 []
5.9 (66)	Time of beginning of flowering		
	very early	Sunred	1 []
	early	Springtime	3 []
	medium	Redhaven	5 []
	late	Philp	7 []
	very late	Summerqueen	9 []
5.10 (68)	Time of maturity for consumption		
	very early	Springtime	1 []
	early	Robin	3 []
	medium	Fairhaven	5 []
	late	Veteran	7 []
	very late	Firetime, Rubidoux	9 []

6. Similar varieties and differences from these varieties:			
Denomination of similar variety	Characteristic in which the similar variety is different ¹⁾	State of expression of similar variety	State of expression of candidate variety
<hr/> <p>¹⁾ In the case of identical states of expressions of both varieties, please indicate the size of the difference</p>			
<p>7. Additional information which may help to distinguish the variety A representative printed-out colour photo of the variety must be added to the Technical Questionnaire.</p>			
<p>7.1 Resistance to pests and diseases</p>			
<p>7.2 Special conditions for the examination of the variety</p> <p><input type="checkbox"/> YES, please specify</p> <p><input type="checkbox"/> NO</p>			
<p>7.3 Other information</p> <p><input type="checkbox"/> YES, please specify</p> <p><input type="checkbox"/> NO</p>			

8. GMO-information required

The variety represents a Genetically Modified Organism within the meaning of Article 2(2) of Council Directive EC/2001/18 of 12/03/2001.

YES NO

If yes, please add a copy of the written attestation of the responsible authorities stating that a technical examination of the variety under Articles 55 and 56 of the Basic Regulation does not pose risks to the environment according to the norms of the above-mentioned Directive.

9. Information on plant material to be examined

9.1 The expression of a characteristic or several characteristics of a variety may be affected by factors, such as pests and disease, chemical treatment (e.g. growth retardants or pesticides), effects of tissue culture, different rootstocks, scions taken from different growth phases of a tree, etc.

9.2 The plant material should not have undergone any treatment which would affect the expression of the characteristics of the variety, unless the competent authorities allow or request such treatment. If the plant material has undergone such treatment, full details of the treatment must be given. In this respect, please indicate below, to the best of your knowledge, if the plant material to be examined has been subjected to:

- | | | |
|---|------------------------------|-----------------------------|
| (a) Microorganisms (e.g. virus, bacteria, phytoplasma) | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| (b) Chemical treatment (e.g. growth retardant or pesticide) | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| (c) Tissue culture | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| (d) Other factors | <input type="checkbox"/> Yes | <input type="checkbox"/> No |

Please provide details of where you have indicated "Yes":

I/we hereby declare that to the best of my/our knowledge the information given in this form is complete and correct.

Date

Signature

Name

[End of document]