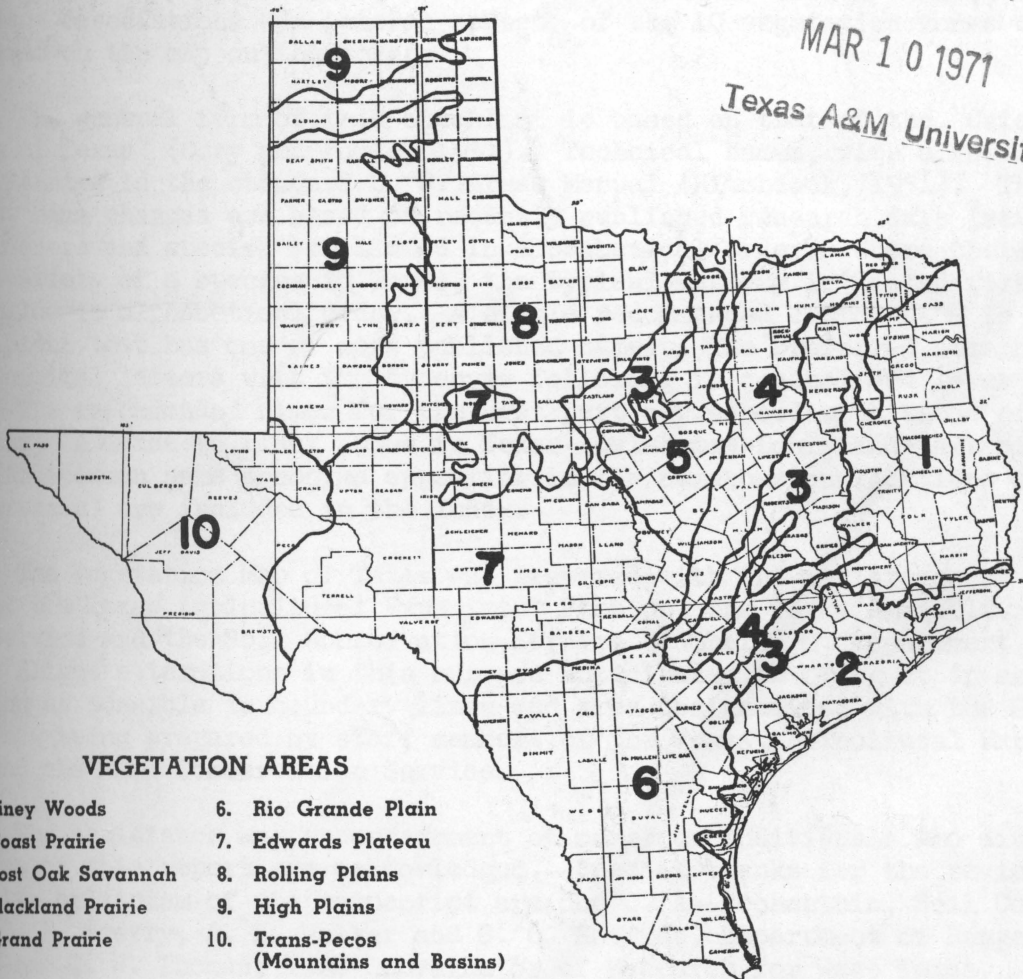


# Texas Grasses - -

## A PRELIMINARY CHECKLIST

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### VEGETATION AREAS

- |                      |   |
|----------------------|---|
| 1. Piney Woods       | 6. Rio Grande Plain                       |
| 2. Coast Prairie     | 7. Edwards Plateau                        |
| 3. Post Oak Savannah | 8. Rolling Plains                         |
| 4. Blackland Prairie | 9. High Plains                            |
| 5. Grand Prairie     | 10. Trans-Pecos<br>(Mountains and Basins) |



TEXAS AGRICULTURAL EXPERIMENT STATION

R. D. LEWIS, DIRECTOR, COLLEGE STATION, TEXAS

TEXAS GRASSES -- A Preliminary Checklist

Frank W. Gould, Associate Professor  
Department of Range and Forestry

This is a tentative checklist of Texas grasses. Suggestions and comments are requested concerning the general presentation, species ranges and grass names. All communications should be received by September 1958, if the notes and comments are to be available for consideration in the final preparation of a manuscript tentatively entitled "Synopsis of the Plants of Texas." The synopsis will include a checklist of all known species and varieties of ferns, gymnosperms and flowering plants growing without cultivation in Texas. A brief discussion will be included of the plant associations and general aspect of the 10 vegetation zones outlined and numbered on the map on the cover.

The general form of this checklist is based on that of the "Catalogue of the Flora of Texas" (Cory and Parks, 1937). Technical names, with a few exceptions are as presented in the standard U. S. Grass Manual (Hitchcock, 1951). The relatively few name changes are based on recently published research data (see References). Genera and species are listed in alphabetical order. Where there is more than one variety of a species in Texas, the typical variety is listed first and the others follow in alphabetical order. A single recommended common name is indicated for each plant that has one or more published names. The preferred common name is given in capital letters with the synonyms following in capital and lower case letters. The recommended names for the most part correspond with those of Wolf's publication, "A Guide to Plant Names in Texas--Oklahoma--Louisiana--Arkansas" (1948). All common name synonyms appearing in the numerous publications consulted (see References) are included in the Index.

The Vegetation Map of Texas was prepared with the assistance of staff members of the Texas Agricultural Experiment Station, the Texas Agricultural Extension Service and the Soil Conservation Service of the U. S. Department of Agriculture. Slight alterations in this map are anticipated to bring it in as close correlation as possible in boundary lines and area designations with the Soils Map of Texas now being prepared by staff members of the Texas Agricultural Experiment Station and the Soil Conservation Service.

The assistance and encouragement of numerous individuals who aided in the preparation of this report are acknowledged. Special thanks for the review and constructive criticism of the manuscript are due C. A. Rechenhain, Soil Conservation Service; O. E. Sperry, A. H. Walker and G. O. Hoffman, Department of Range and Forestry; and G. W. Thomas, TAES Coordinator of Research for West Texas.

\* corrected as of Jan. 26, 1959

I = introduced

P = perennial

C = cool season, terminating growth and flowering by June.

W = warm season, summer and fall flowering plants, including those

plants that grow and flower in both cool and warm seasons.

Numbers indicate the vegetation zones in which the grasses occur. Ten vege-

tion zones are designated in the map on the front cover. The boundaries of

these zones, for the most part, correspond with those of the major soil regions

as outlined by N. T. Carter (TAES Bull., 431, 1914) and the Soil Con-

servation Service Map of Land Resource Areas.

<u>SCIENTIFIC AND COMMON NAMES</u>		<u>Plant data</u> <sup>1/</sup>	<u>Distribution by zones</u> <sup>2/</sup>
<u>AEGILOPS</u>			
<u>A. cylindrica</u> Host.	JOINTED GOATGRASS	IA-C	1 345 789
<u>ACROFYRON WHEATGRASS</u>			
<u>A. arizonicum</u> scribn. & Smith ( <u>Elymus arizonicus</u> (Scribn. & Smith) Gould)	ARIZONA WHEATGRASS	NP-W	10
<u>A. cristatum</u> (L.) Gaertn.	CRESTED WHEATGRASS	IP-C	89
<u>A. inerme</u> (Scribn. & Smith) Rydb.	BEARDLESS WHEATGRASS, Beardless Bluebunch, Beardless Bluebunch W.	NP-C	9
<u>A. smithii</u> Rydb. ( <u>Elymus smithii</u> (Rydb.) Gould)	WESTERN WHEATGRASS, Bluestem W., Colorado Bluestem	NP-W <sup>C</sup>	5 78910
<u>A. trachycaulum</u> (Link.) Malte ( <u>Elymus trachycaulus</u> (Link.) Gould)	SLENDER WHEATGRASS	NP-W <sup>C</sup>	89
<u>AGROSTIS BENTGRASS</u>			
<u>A. alba</u> L. ( <u>A. gigantea</u> Roth.)	REDTOP	IP-C	8 10
<u>A. avenacea</u> Gmel.	PACIFIC BENTGRASS	IP-C	10
<u>A. eliottiana</u> Schult.	ELLIOTT BENTGRASS, Annual Ticklegrass	NA-C	1 34 7
<u>A. exarata</u> Trin.	SPIKE BENTGRASS	IP-C	10
<u>A. hiemalis</u> (Walt.) B.S.P.	WINTER BENTGRASS, Fly- away Grass, Rough Hairgrass, Ticklegrass	NP-C	1234 67 10
<u>A. palustris</u> Huds.	CREEPING BENTGRASS, Carpet Bent	IP-W	2
<u>A. perennans</u> (Walt.) Tuckerm.	AUTUMN BENTGRASS, Thingrass	NP-W	1 3
<u>A. scabra</u> Willd.	ROUGH BENTGRASS	NP-W	10
<u>AIRA</u>			
<u>A. elegans</u> Willd. ex Gaudin ( <u>A. capillaris</u> Host., not Savi.)	ANNUAL HAIRGRASS	NA-C	1 3
<u>ALOPECURUS FOXTAIL</u>			
<u>A. carolinianus</u> Walt.	CAROLINA FOXTAIL	NA-C	1234
<u>A. mysuroides</u> Hds.	MOUSE FOXTAIL, Slimspike F.	IA-C	2
<u>ANDROPOGON BLUESTEM</u>			
<u>A. altus</u> Hitchc.	TALL BLUESTEM	NP-W	10
<u>A. annulatus</u> Forsk.	KLEBERG BLUESTEM	IP-W <sup>C</sup>	6
<u>A. barbinodis</u> Lag.	var. <u>barbinodis</u> CANE BLUESTEM, Cane Beardgrass	NP-W	2 5678910
	var. <u>perforatus</u> (Trin.) Gould ( <u>A. perforatus</u> Trin. ex Fourn.) PINHOLE BLUESTEM, Pinhole Beardgrass	NP-W	2 5678910

1/ First column: N = native                      I = introduced  
 Second column: A = annual                      P = perennial  
 Third column: C = cool season, terminating growth and flowering by June.  
                   W = warm season, summer and fall flowering plants, including those  
                   plants that grow and flower in both cool and warm seasons.

2/ The numbers indicate the vegetation zones in which the grasses occur. Ten vegetation zones are designated in the map on the front cover. The boundaries of these zones, for the most part, correspond with those of the major soil regions of Texas as outlined by W. T. Carter (TAES Bull., 431, 1914) and the Soil Conservation Service Map of Land Resource Areas.



*A. annuatus* forsk KLEBERG BLUESTEM  
*A. edwardsianus* Gould MERRILL BLUESTEM

IP-W 2  
 NP-W 6  
 Plant data 1/  
 Distribution by zones 2/

SCIENTIFIC AND COMMON NAMES

ANDROPOGON (Con't.)

<i>A. caucasicum</i> Trin.	CAUCASIAN BLUESTEM	IP-W	9
<i>A. cirratus</i> Hack.	TEXAS BLUESTEM, Texas Beardgrass	NP-W	7 10
<i>A. elliotii</i> Chapm.	ELLIOTT BLUESTEM, Elliott Beardgrass	NP-W	12
<i>A. exaristatus</i> (Nash) Hitchc.	AWNLESS BLUESTEM	NP-W	2
<i>A. gerardi</i> Vitman ( <i>A. furcatus</i> Muhl. <i>A. provincialis</i> Lam.)	BIG BLUESTEM, Turkeyfoot	NP-W	12345678910
<i>A. glomeratus</i> (Walt.) B.S.P. ( <i>A. virginicus</i> var. <i>abbreviatus</i> (Hack.) Fern. & Griscom)	BUSHY BLUESTEM, Bushy Beardgrass	NP-W	12345678910
<i>A. hallii</i> Hack.	SAND BLUESTEM, Hall's Beardgrass, Turkeyfoot	NP-W	8910
<i>A. hirtiflorus</i> (Nees) Kunth		NP-W	10
var. <i>hirtiflorus</i>		NP-W	10
var. <i>feensis</i> (Fourn.) Hack.	SANTE FE BLUESTEM	NP-W	123 67
<i>A. hybridus</i> Gould	HYBRID BLUESTEM	IP-W	23 6
<i>A. intermedius</i> R. Br.	AUSTRALIAN BLUESTEM	IP-W	3
<i>A. ischaemum</i> L.		IP-W	234567
var. <i>ischaemum</i>	YELLOW BLUESTEM, East Indies B.	IP-W	2 6
var. <i>songaricus</i> Ruprecht.	KING RANCH BLUESTEM	IP-W	6
<i>A. nodosus</i> (Willem.) Nash	ANGLETON BLUESTEM	IP-W	6
<i>A. pertusus</i> (L.) Willd.	PITTED BLUESTEM	NP-W	234 6
<i>A. saccharoides</i> Swartz		NP-W	12345678910
var. <i>longipaniculata</i> Gould	LONGSPIKE SILVER BLUESTEM	NP-W	12345678910
var. <i>torreyanus</i> (Steud.) Hack.	SILVER BLUESTEM, Silver Beardgrass	NP-W	12345678910
<i>A. scoparium</i> Michx.		NP-W	10
var. <i>frequens</i> F. T. Hubb	LITTLE BLUESTEM, Broomsedge	NP-W	2345678910
var. <i>divergens</i> Hack. ( <i>A. divergens</i> (Hack.) Andress. ex Hitchc.)	EASTERN LITTLE BLUESTEM	NP-W	12 45678910
var. <i>littoralis</i> (Nash) Hitchc. ( <i>A. littoralis</i> Nash)	SEACOAST BLUESTEM, Seacoast Beardgrass	NP-W	2 6 10
var. <i>neomexicana</i> (Nash) Hitchc.	NEW MEXICO BLUESTEM	NP-W	8910
var. <i>virilis</i> Shinnery	VIRILE LITTLE BLUESTEM	NP-W	1 3 10
<i>A. sericeus</i> R. Br.	SILKY BLUESTEM	IP-W	6
<i>A. springfieldii</i> Gould	SPRINGFIELD BLUESTEM	NP-W	910
<i>A. tener</i> (Nees) Kunth	SLENDER BLUESTEM	NP-W	1 45678910
<i>A. ternarium</i> Michx.	SPLITBEARD BLUESTEM, Splitbeard Beardgrass, Silvery Beardgrass	NP-W	1234
<i>A. virginicus</i> L. (including all varieties)	BROOMSEDGE BLUESTEM, Yellowedge B.	NP-W	123 6

ANTHAENANTIA SILKYSCALE

<i>A. rufa</i> (Ell.) Schult.	PURPLE SILKYSCALE	NP-W	123
<i>A. villosa</i> (Michx.) Beauv.	GREEN SILKYSCALE	NP-W	123



SCIENTIFIC AND COMMON NAMES		Plant data <sup>1/</sup>	Distribution by zones <sup>2/</sup>
<u>ARISTIDA THREEAWN</u>			
<u>A. adscensionis</u> L.	SIXWEEKS THREEAWN	NA-W	678910
<u>A. affinis</u> (Schult.) Kunth.	LONGLEAF THREEAWN	NP-W	1
<u>A. arizonica</u> Vasey	ARIZONA THREEAWN	NP-W	7 10
<u>A. barbata</u> Fourn.	HAVARD THREEAWN	NP-W	910
<u>A. basiramea</u> Englm.		NA-W	3
<u>A. desmantha</u> Trin. & Rupr.	CURLY THREEAWN, Western Tripleawn Grass	NA-W	1234 6
<u>A. dichotoma</u> Michx.	CHURCHMOUSE THREEAWN, Povertygrass	NA-W	1 34
<u>A. divaricata</u> Humb. & Bonpl. ex Willd.	POVERTY THREEAWN	NP-W	7 10
<u>A. fendleriana</u> Steud.	FENDLER THREEAWN	NP-W	7 10
<u>A. glauca</u> (Nees) Walp.	REVERCHON THREEAWN, Blue T.	NP-W	5678910
<u>A. hamulosa</u> Henr.	HOOK THREEAWN	NP-W	10
<u>A. intermedia</u> Scribn. & Ball	KEARNEY THREEAWN, Plains Aristida	NA-W	123
<u>A. lanosa</u> Muhl. ex Ell.	WOOLYSHEATH THREEAWN, Wooly Tripleawn Grass	NP-W	123
<u>A. longespica</u> Poir. var. <u>longispica</u>	SLIMSPIKE THREEAWN	NA-W	12345
<u>A. longespica</u> Poir. var. <u>geniculata</u> (Raf.) Fern.	( <u>A. intermedia</u> Scribn. & Ball)	NA-W	123
<u>A. longisetata</u> Steud. (including var. <u>rariflora</u> Hitchc. and var. <u>robusta</u> Merr.)	RED THREEAWN, Dogtown Grass, Longawned Aristida	NP-W	1 45678910
<u>A. oligantha</u> Michx.	PRAIRIE THREEAWN, Oldfield T., Few-flowered Aristida	NA-W	12345678910
<u>A. orcuttiana</u> Vasey	BEGGARTICK THREEAWN, Single T.	NP-W	10
<u>A. pansa</u> Woot. & Standl.	WOOTON THREEAWN	NP-W	10
<u>A. purpurascens</u> Poir.	ARROWFEATHER THREEAWN, Broomsedge, Arrowgrass	NP-W	1234 6
<u>A. purpurea</u> Nutt. (including var. <u>laxiflora</u> Merr.)	PURPLE THREEAWN, Purple Needlegrass	NP-W	2 45678910
<u>A. ramosissima</u> Englm. ex A. Gray	S-CURVE THREEAWN	NA-W	1
<u>A. roemeriana</u> Scheele	ROEMER THREEAWN	NP-W	2 67 10
<u>A. ternipes</u> Cav.			
var. <u>ternipes</u>	SPIDERGRASS	NP-W	10
var. <u>minor</u> (Vasey) Hitchc.		NP-W	10
<u>A. virgata</u> Trin.	TRINIUS THREEAWN	NA-W	12
<u>A. wrightii</u> Nash	WRIGHT THREEAWN, Wright Tripleawn Grass	NP-W	45678910
<u>ARUNDINARIA CANE</u>			
<u>A. gigantea</u> (Walt.) Muhl.	GIANT CANE	NP-C	12
<u>ARUNDO REED</u>			
<u>A. donax</u> L.	GIANT REED	IP-W	234 678 10
<u>AVENA OAT</u>			
<u>A. sativa</u> L.	COMMON OAT, Cultivated O.	IA-C	2345 78 10

SCIENTIFIC AND COMMON NAMES

AXONOPUS CARPETGRASS

- A. affinis Chase COMMON CARPETGRASS
- A. furcatus (Flugge) Hitchc. BIG CARPETGRASS,  
Flat Crabgrass

BLEPHARIDACNE DESERTGRASS

- B. bigelovii (S. Wats.) Hack. BIGELOW DESERTGRASS

BLEPHARONEURON PINE DROPSEED

- B. tricholepis (Torr.) Nash PINE DROPSEED, Hairy D.

BOUTELOUA GRAMA

- B. aristidoides (H.B.K.) Griseb. NEEDLE GRAMA,  
Sixweeks G.
- B. barbata Lag. SIXWEEKS GRAMA
- B. breviseta Vasey (B. ramosa Scribn.) CHINO GRAMA,  
Gyp G.
- B. chondrosioides (H.B.K.) Benth. ex S. Wats.  
SPRUCETOP GRAMA, Wooly-spiked G.
- B. curtipendula (Michx.) Torr. SIDEOATS GRAMA,  
Tall G.
- B. eriopoda (Torr.) Torr. BLACK GRAMA, Woolyfoot  
Grama
- B. filiformis (Fourn.) Griffiths SLENDER GRAMA,  
Large Mesquite
- B. gracilis (Willd. ex H.B.K.) Lag. ex Griffiths  
BLUE GRAMA
- B. hirsuta Lag. HAIRY GRAMA, Black G.
- B. Kayi Warnock KAY GRAMA
- B. rigidiseta (Steud.) Hitchc. TEXAS GRAMA,  
Mesquite Grass
- B. simplex Lag. MAT GRAMA
- B. trifida Thurb. RED GRAMA
- B. uniflora Vasey NEALLEY GRAMA

BRACHIARIA SIGNALGRASS

- B. ciliatissima (Buckl.) Chase FRINGED SIGNALGRASS
- B. plantaginea (Link.) Hitchc. PLANTAIN SIGNALGRASS,  
Creeping S.
- B. platyphylla (Griseb.) Nash BROADLEAF SIGNALGRASS

BRACHYPODIUM

- B. distachyon (L.) Beauv. WINDMILGRASS

BRIZA QUAKINGGRASS

- B. maxima L. BIG QUAKINGGRASS
- B. minor L. LITTLE QUAKINGGRASS

BROMUS BROME

- B. anomalus Rupr. ex Fourn. NODDING BROME
- B. arizonicus (Shear) Stebbins ARIZONA BROME
- B. catharticus Vahl. RESCUE GRASS, Rescue Brome,  
Schraders Grass

<u>Plant data<sup>1/</sup></u>	<u>Distribution by zones<sup>2/</sup></u>
IA-NP-W	123 799
NP-W	12 10
IA-C	3
IA-C	3
IA-NP-W	1 4 10
NP-W	1 3
NP-W	89
NP-W	1 34 10
NP-W	10
IA-C	1 7
IA-C	7 10
IA-NA-W	1 345 78 10
NA-W	6 78910
NP-W	10
IA-C	5 89
NP-W	4 10
NP-W	2345678910
NP-W	12345678910
NP-W	78910
NP-W	67 10
NP-W	89
NP-W	78910
NP-W	12345678910
NP-W	10
NP-W	2345678910
NA-W	1234 910
NP-W	123 3 5678910
NP-W	34 7 10
NP-W	2 6
NP-W	67
NP-W	3 678910
IA-W	1
NA-W	123 6 10
NP-W	8 6
NP-W	2 6
IP-C	5678 7 10
IP-W	74
IP-W	23 6
IA-C	2345678
IA-C	123
IP-W	2 6
NP-W	2 6
NP-W	2 10
NA-C	10
NP-W	123456789
IA-C	12345678910

Plant data/ Distribution by zones/

SCIENTIFIC AND COMMON NAMES

BROMUS (Cont'd)

<u>B. japonicus</u> Thunb. JAPANESE BROME, Japanese Chess, Spreading B.	IA-C	3456789
<u>B. lantipes</u> (Shear) Rydb. ( <u>B. anomalus</u> var. <u>lantipes</u> (Shear) Hitchc.) WOOLY BROME	NP-W	10
<u>B. macrostachys</u> Desf. MEDITERRANIAN BROME	IA-C	3
<u>B. molliformis</u> Lloyd PYGMY BROME	IA-C	3
<u>B. mollis</u> L. SOFT BROME, Soft Chess	IA-C	1 4
<u>B. nottowanus</u> Fernald NOTTOWAY BROME	NP-W	1 3
<u>B. polyanthus</u> Scribn. POLYANTHUS BROME	NP-W	89
<u>B. pubescens</u> Muhl.	NP-W	1 34
<u>B. richardsonii</u> Link RICHARDSON BROME	NP-W	10
<u>B. rigidus</u> Roth. RIPGUT GRASS, Ripgut Brome	IA-C	1 7
<u>B. rubens</u> L. FOXTAIL BROME	IA-C	7 10
<u>B. secalinus</u> L. CHESS BROME, Chess	IA-C	1 345 78
<u>B. texensis</u> (Shear) Hitchc. TEXAS BROME	NP-W	67
<u>B. tectorum</u> L.		
var. <u>tectorus</u> CHEATGRASS BROME, Downy Brome, Downy Chess, Broncograss	IA-C	5 89
var. <u>glabratus</u> Spenner	IA-C	4

BUCHLOE BUFFALOGRASS

<u>B. dactyloides</u> (Nutt.) Englm. BUFFALOGRASS	NP-W	12345678910
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CALAMOVILFA SANDREED

<u>C. gigantea</u> (Nutt.) Scribn. & Merr. BIG SANDREED, Giant Reedgrass	NP-W	89
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CATHESTECUM GRAMA

<u>C. erectum</u> Vasey & Hack. FALSE GRAMA	NP-W	10
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CENCHRUS SANDBUR

<u>C. echinatus</u> L. SOUTHERN SANDBUR, Hedge-hog Grass	NA-W	1234 6
<u>C. incertus</u> M.A. Curtis COAST SANDBUR	NP-W	123456 89
<u>C. longispinus</u> (Hack.) Fernald LONGSPINE SANDBUR	NA-W	34
<u>C. myosuroides</u> H. B. K. BIG SANDBUR	NP-W	2 6
<u>C. parviceps</u> Shinners	NP-W	67
<u>C. pauciflorus</u> Benth. MAT SANDBUR, Field S.	NA-W	2 78910

CHLORIS CHLORIS, WINDMILLGRASS

<u>C. andropogonoides</u> Fourn. SLIMSPIKE WINDMILLGRASS	NP-W	23 67 10
<u>C. chloridea</u> (Presl.) Hitchc. BURYSEED CHLORIS	NP-W	2 6
<u>C. ciliata</u> Swartz FRINGED CHLORIS	NP-W	2 6
<u>C. cucullata</u> Bisch. HOODED WINDMILLGRASS	NP-W	5678910
<u>C. distichophylla</u> Lag. WEEPING CHLORIS	IP-W	4
<u>C. gayana</u> Kunth. RHODESGRASS	IP-W	23 6
<u>C. latisquamea</u> Nash NASH WINDMILLGRASS	NP-W	2345678
<u>C. petraea</u> Swartz STIFFLEAF CHLORIS	NP-W	2 4 6
<u>C. polydactyla</u> (L.) Swartz MANYSPIKED CHLORIS	IP-W	2 6
<u>C. subdolichostachya</u> C. Muell. SHORTSPIKE WINDMILLGRASS	NP-W	2 6
<u>C. texensis</u> Nash TEXAS WINDMILLGRASS	NP-W	2
<u>C. verticillata</u> Nutt. TUMBLE WINDMILLGRASS, Windmillgrass, Branching Foxtail	NP-W	123456789
<u>C. virgata</u> Swartz SHOWY CHLORIS, Feather Fingergrass	NA-W	3 78910



<u>SCIENTIFIC AND COMMON NAMES</u>		<u>Plant data</u> <sup>1/</sup>	<u>Distribution by zones</u> <sup>2/</sup>
<u>CINNA WOODREED</u>			
<u>C. arundinacea</u> L.	STOUT WOODREED, Wood Reedgrass, Sweet Woodgrass	NP-W	1
<u>COTTEA COTTAGRASS</u>			
<u>C. pappophoroides</u> Kunth.	COTTAGRASS	NP-W	7 10
<u>CYNODON BERMUDAGRASS</u>			
<u>C. dactylon</u> (L.) Pers.	BERMUDAGRASS, Wiregrass	IP-W	12345678910
<u>DACTYLOCTENIUM CROWFOOTGRASS</u>			
<u>D. aegyptium</u> (L.) Beauv.	DURBAN CROWFOOTGRASS, Crowfootgrass, Egyptiangrass	IA-W	1234 67
<u>DANTHONIA OATGRASS</u>			
<u>D. sericea</u> Nutt.		NP-C	1
<u>D. spicata</u> (L.) Beauv.	POVERTY OATGRASS, Poverty Danthonia	NP-C	1 3
<u>DIARRHENA BEAKGRAIN</u>			
<u>D. americana</u> Beauv.	AMERICAN BEAKGRAIN	NP-W	1 1
<u>DIGITARIA CRABGRASS, FINGERGRASS</u>			
<u>D. filiformis</u> (L.) Koel.	SLENDER CRABGRASS, Slender Fingergrass	NP-W	123
<u>D. ischaemum</u> (Schreb.) Schreb. ex Muhl.	SMOOTH CRABGRASS	IA-W	1
<u>D. runyoni</u> Hitchc.	DUNE CRABGRASS, Dune Fingergrass	NP-W	3 6
<u>D. sanguinalis</u> (L.) Scop.	HAIRY CRABGRASS, Large C.	IA-W	12345678910
<u>D. texana</u> Hitchc.	TEXAS CRABGRASS, Texas Fingergrass	NP-W	12 6
<u>D. villosa</u> (Walt.) Pers. ( <u>D. filiformis</u> var. <u>villosa</u> (Walt.) Fernald)	SHAGGY CRABGRASS, Shaggy Fingergrass	NP-W	123
<u>D. violascens</u> Link	VIOLET CRABGRASS	IP-W	1 3
<u>DISTICHLIS SALTGRASS</u>			
<u>D. spicata</u> (L.) Green			
var. <u>spicata</u>	SEASHORE SALTGRASS	NP-W	2
var. <u>stricta</u> (Torr.) Beetle ( <u>D. stricta</u> (Torr.) Rydb.)	INLAND SALTGRASS, Desert S.	NP-W	78910
<u>D. texana</u> (Vasey) Scribn.	TEXAS SALTGRASS	NP-W	10
<u>ECHINOCHLOA COCKSPUR</u>			
<u>E. colonum</u> (L.) Link	JUNGLERICE	IA-W	12345678910
<u>E. crusgallii</u> (L.) Beauv.	BARNYARD GRASS		
var. <u>macera</u> (Wieg.) Shinnery		IA-W	2 4 6
var. <u>microstachya</u> (Wieg.) Shinnery		IA-W	12345678910
var. <u>muricata</u> (Michx.) Farwell		IA-W	34
var. <u>zelayensis</u> (H.B.K.) Hitchc.		IA-W	8910
<u>E. crus-pavonis</u> (H.B.K.) Schult.	GULF COCKSPUR	NA-W	2 6
<u>E. polystachya</u> (H.B.K.) Hitchc.		NP-W	6
<u>E. walteri</u> (Pursh) Heller	COAST COCKSPUR, Salt Marsh, Cockspur-grass	NA-W	1234 67

SCIENTIFIC AND COMMON NAMES		Plant data <sup>1/</sup>	Distribution by zones <sup>2/</sup>
<u>ELEUSINE</u> GOOSEGRASS			
<u>E. indica</u> (L.) Gaertn.	GOOSEGRASS, Yardgrass	IA-C <sup>W</sup>	1234567 10
<u>ELYMUS</u> WILDRYE			
<u>E. canadensis</u> L.			
var. <u>canadensis</u>	CANADA WILDRYE, Nodding W.	NP-C	3 8 10
var. <u>brachystachys</u> (Scribn. & Ball)	Farwell SMOOTHSCALE CANADA WILDRYE	NP-C	345678910
var. <u>robusta</u> (Scribn. & Smith)	Mackenz. & Bush ROBUST CANADA WILDRYE	NP-C	3 67
var. <u>villosus</u> (Muhl.) Shinners	HAIRY CANADA WILDRYE	NP-C	1 3 5 7
<u>E. interruptus</u> Buckl.	TEXAS WILDRYE	NP-C	7 10
<u>E. triticoides</u> Buckl.	CREEPING WILDRYE, Beardless W.	NP-C	8 10
<u>E. virginicus</u> L.			
var. <u>virginicus</u>	VIRGINIA WILDRYE, Terrell W.	NP-C	34 678
var. <u>australis</u> (Scribn. & Ball)	Hitchc. PRAIRIE VIRGINIA WILDRYE, Prairie W.	NP-C	1 3
var. <u>glabriflorus</u> (Vasey)	Bush LONGAWN VIRGINIA WILDRYE, Smooth Southern W.	NP-W <sup>C</sup>	123456 8
var. <u>intermedius</u> (Vasey)	Bush HAIRYSCALE VIRGINIA WILDRYE, Strict W.	NP-W	1 3 6 8
<u>ELYCNURUS</u> BALSAMSCALE			
<u>E. barbiculmis</u> Hack.	WOOLSPIKE BALSAMSCALE	NP-W	10
<u>E. tripsacoides</u> Humb. & Conpl.	PAN AMERICAN BALSAMSCALE	NP-W	12 4 6
<u>ERINEAPOGON</u> PAPPUSGRASS			
<u>E. desvauxii</u> Beauv. ( <u>Pappophorum wrightii</u> S. Wats.)	FEATHER PAPPUSGRASS, Spike P.	NP-W	78910
<u>ERAGPOSTIS</u> LOVEGRASS			
<u>E. amabilis</u> (L.) Wright & Arn. ex Nels.	FEATHER LOVEGRASS	IA-W	23
<u>E. arida</u> Hitchc.	DESERT LOVEGRASS	NA-W	6 8 10
<u>E. barrelieri</u> Daveau	MEDITERRANEAN LOVEGRASS	IA-W	2345678910
<u>E. capillaris</u> (L.) Nees	LACEGRASS, Tiny Lovegrass	NA-W	1234 6
<u>E. cilianensis</u> (All.) Hitchc.	STINKGRASS, Strong-scented Lovegrass	IA-W	12345678910
<u>E. ciliaris</u> (L.) R. Br.	GOPHERTAIL LOVEGRASS	NA-W	1 4
<u>E. curtipedicillata</u> Buckl.	GUMMY LOVEGRASS, Short-stalked L.	NP-W	3456789
<u>E. curvula</u> (Schrad.) Nees	WEEPING LOVEGRASS	IP-W	1 3 6 89
<u>E. diffusa</u> Buckl.	SPREADING LOVEGRASS	NA-W	1 34 67 10
<u>E. elliotii</u> S. Wats.	ELLIOTT LOVEGRASS	NP-W	12
<u>E. erosa</u> Scribn.	CHIHUAHUA LOVEGRASS	NP-W	6
<u>E. glomerata</u> (Walt.) L.H. Dewey	POND LOVEGRASS	NA-W	1 3
<u>E. hirsuta</u> (Michx.) Nees	BIGTOP LOVEGRASS, Stout Lovegrass	NP-W	1 3
<u>E. hypnoides</u> (Lam.) B. S. P.	TEAL LOVEGRASS, Smooth Creeping-grass	NA-W	123 6 8
<u>E. intermedia</u> Hitchc.	PLAINS LOVEGRASS	NP-W	12345678 10

<u>SCIENTIFIC AND COMMON NAMES</u>	<u>Plant data<sup>1/</sup></u>	<u>Distribution by zones<sup>2/</sup></u>
<u>ERAGROSTIS (cont'd)</u>		
<u>E. lehmanniana</u> Nees LEHMANN LOVEGRASS	IP-W	10
<u>E. lugens</u> Nees MOURNING LOVEGRASS	NP-W	234567 10
<u>E. mexicana</u> (Hornem.) Link MEXICAN LOVEGRASS	NA-W	10
<u>E. neomexicana</u> Vasey NEW MEXICO LOVEGRASS	NA-W	10
<u>E. oxylepis</u> (Torr.) Torr. ( <u>E. secundiflora</u> of Hitchc., Manual of U. S. Grasses ed. I.)	NP-W	12345678910
var. <u>oxylepis</u> RED LOVEGRASS	NP-W	12345678 10
var. <u>beyrichii</u> (J. G. Smith) Shimmers WICHITA LOVEGRASS	NP-W	345678 10
<u>E. palmeri</u> S. Wats. RIO GRANDE LOVEGRASS	NP-W	10
<u>E. pectinacea</u> (Michx.) Nees (including <u>E. diffusa</u> Buckl.) CAROLINA LOVEGRASS, Pursh L.	NA-W	12345678910
<u>E. perplexa</u> L. H. Harvey	NA-W	9
<u>E. pilosa</u> (L.) Beauv. INDIA LOVEGRASS	IA-W	1234 6
<u>E. refracta</u> (Muhl.) Scribn. COASTAL LOVEGRASS, Meadow L.	NP-W	123
<u>E. reptans</u> (Michx.) Nees CREEPING LOVEGRASS, Creeping Meadowgrass	NA-W	12345678
<u>E. sessilispica</u> Buckl. TUMBLE LOVEGRASS	NP-W	456789
<u>E. silveana</u> Swallen SILVEUS LOVEGRASS	NP-W	2 6
<u>E. spectabilis</u> (Pursh) Steud. PURPLE LOVEGRASS	NP-W	1 345678
<u>E. spicata</u> Vasey SPIKE LOVEGRASS	NP-W	6
<u>E. swalleni</u> Hitchc. SWALLEN LOVEGRASS	NP-W	6
<u>E. tephrosanthos</u> Schult. GULF LOVEGRASS	NA-W	6
<u>E. trichocolea</u> Hack & Arech. HAIRYSHEATH LOVEGRASS	NP-W	1 3
<u>E. trichodes</u> (Nutt.) Wood var. <u>trichodes</u> SAND LOVEGRASS	NP-W	123456789
var. <u>pilifera</u> (Scheele) Fernald ( <u>E. pilifera</u> Scheele) SANDHILL SAND LOVEGRASS, Sandhill L.	NP-W	34 8
<u>ERIANTHUS PLUMEGRASS</u>		
<u>E. alopecuroides</u> (L.) Ell. SILVER PLUMEGRASS	NP-W	12
<u>E. contortus</u> Baldw. ex Ell. BENT-AWN PLUMEGRASS, Beardgrass	NP-W	123
<u>E. giganteus</u> (Walt.) Muhl. SUGARCANE PLUMEGRASS	NP-W	123
<u>E. strictus</u> Baldw. NARROW PLUMEGRASS	NP-W	12
<u>ERIOCHLOA CUPGRASS</u>		
<u>E. contracta</u> Hitchc. PRAIRIE CUPGRASS	NA-W	123456789
<u>E. gracilis</u> (Fourn.) Hitchc. var. <u>gracilis</u> ( <u>E. lemmoni</u> Vasey & Scribn. var. <u>gracilis</u> (Fourn.) Gould) SOUTHWESTERN CUPGRASS	NA-W	7 10
var. <u>minor</u> (Vasey) Hitchc. ( <u>E. lemmoni</u> Vasey & Scribn. var. <u>lemmoni</u> ) SMALL SOUTHWESTERN CUPGRASS, Plains C.	NA-W	8 10
<u>E. punctata</u> (L.) Desv. LOUISIANA CUPGRASS, Everlasting Grass	NP-W	2 6
<u>E. sericea</u> (Scheele) Munro TEXAS CUPGRASS	NP-W	2 45678



## SCIENTIFIC AND COMMON NAMES

## FESTUCA FESCUE

Plant data <sup>1/</sup>	Distribution by zones <sup>2/</sup>
<i>F. arizonica</i> Vasey ARIZONA FESCUE	NP-W 10
<i>F. dertonensis</i> (All.) Aschers & Graebn. BROME FESCUE	IA-C 4
<i>F. elatior</i> L. var. <i>arundinacea</i> (Schreb.) Wimm. TALL FESCUE, Reed F., Alta F.	IP-C 2 4 6 7 8 9
<i>F. ligulata</i> Swallen GUADELUPE FESCUE	NP-W 10
<i>F. megalura</i> Nutt. FOXTAIL FESCUE	IA-C 4 7
<i>F. myuros</i> L. RATTAIL FESCUE	IA-C 2 3 4 6
<i>F. obtusa</i> Bieler NODDING FESCUE	NP-C 1 4
<i>F. octoflora</i> Walt. var. <i>octoflora</i> SIXWEEKS FESCUE, Slender F.	IA-C 1 2 3 4 5 6 7 8 9 10
var. <i>hirtella</i> Piper HAIRY SIXWEEKS FESCUE, Hairy F.	IA-C 2 7 8 10
var. <i>tenella</i> (Willd.) Fern.	IA-C 1 2 3 4 5 6 7 8 9 10
<i>F. paradoxa</i> Desv. CLUSTER FESCUE	NP-W 1 3 4
<i>F. rubra</i> L. RED FESCUE	NP-C
<i>F. sciurea</i> Nott. SQUIRREL FESCUE, Southern F.	IA-C 1 2 3 4 6
<i>F. versuta</i> Beal TEXAS FESCUE	NP-W 6 7

## GASTRIDIDIUM NITGRASS

<i>G. ventricosum</i> (Gouan) Schinz & Thell. NITGRASS	IA-C 2 5 10
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## GLYCERIA MANNAGRASS

<i>G. arkansas</i> Fernald ARKANSAS MANNAGRASS	NP-C 1
<i>G. septentrionalis</i> Hitchc. EASTERN MANNAGRASS, Floating M.	NP-C 1 2 3
<i>G. striata</i> (Lam.) Hitchc. FOWL MANNAGRASS, Nerved M.	NP-C 3 4 7 10

## GYMNOPOGON SKELETONGRASS

<i>G. ambiguus</i> (Michx.) B.S.P. BEARDED SKELETONGRASS, Broad-leaved Beardgrass	NP-W 1 2 3 6
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## HACHELOCHLOA PITSCALEGRASS

<i>H. granularis</i> (L.) Kuntze PITSCALEGRASS	IA-W 2 3 4 5 6 7 8 10
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## HETEROPOGON TANGLEHEAD

<i>H. contortus</i> (L.) Beauv. TANGLEHEAD	NP-W 6 7 10
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## HILARIA

<i>H. belangeri</i> (Steud.) Nash CURLYMESQUITE, Creeping Mesquite	NP-W 4 5 6 7 8 9 10
<i>H. jamesii</i> (Torr.) Benth. GALLETA GRASS	NP-W 9
<i>H. mutica</i> (Buckl.) Benth. TOBOSA	NP-W 7 8 9 10
<i>H. swalleni</i> Cory SWALLEN CURLYMESQUITE	NP-W 10

## HOLCUS VELVETGRASS

<i>H. lanatus</i> L. COMMON VELVETGRASS	IP-C 1 2
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<u>SCIENTIFIC AND COMMON NAMES</u>	<u>Plant data<sup>1/</sup></u>	<u>Distribution by zones<sup>2/</sup></u>
<u>HORDEUM BARLEY</u>		
<u>H. jubatum</u> L. FOXTAIL BARLEY, Squirrel-tail Grass	NP-C	8910
<u>H. leporinum</u> Link ( <u>H. murinum</u> of C. & P. Catalogue) HARE BARLEY	IA-C	2 4 678 10
<u>H. pusillum</u> Nutt. var. <u>pusillum</u> LITTLE BARLEY	NA-C	12345678910
var. <u>pubens</u> Hitchc. HAIRY LITTLE BARLEY	NA-C	2 4 89
<u>H. vulgare</u> L. BARLEY	IA-C	34
<u>IMPERATA</u>		
<u>I. brevifolia</u> Vasey ( <u>I. hookeri</u> Rupr. ex Hack.) SATINTAIL	NP-W	7 10
<u>KOELERIA</u>		
<u>K. cristata</u> (L.) Pers. JUNEGRASS, Prairie Junegrass, Koelers Grass	NP-C	4 78910
<u>K. phleoides</u> (Vill.) Pers. ANNUAL KOELERIA	IA-C	6
<u>LAMARCKIA</u>		
<u>L. aurea</u> (L.) Moench GOLDENTOP	IA-W	10
<u>LEERSIA CUTGRASS</u>		
<u>L. hexandra</u> Swartz CLUBHEAD CUTGRASS	NP-W	2 6
<u>L. lenticularis</u> Michx. CATCHFLY GRASS	NP-W	12 4578910
<u>L. monandra</u> Swartz BUNCH CUTGRASS	NP-W	12 6
<u>L. oryzoides</u> (L.) Swartz RICE CUTGRASS	NP-W	1234 78 10
<u>L. virginica</u> Willd. WHITEGRASS, Virginia Cutgrass	NP-W	1234
<u>LEPTOCHLOA SPRANGLETOP</u>		
<u>L. chloridiformis</u> (Hack.) Parodi	NP-W	6
<u>L. domingensis</u> (Jacq.) Trin.	NP-W	6
<u>L. dubia</u> (H.B.K.) Nees GREEN SPRANGLETOP, Texas Crowfoot	NP-W	2 4 678910
<u>L. fascicularis</u> (Lam.) A. Gray BEARDED SPRANGLETOP, Salt Meadowgrass	NA-W	234 678910
<u>L. filiformis</u> (Lam.) Beauv. RED SPRANGLETOP, Slendergrass	NA-W	2345678 10
<u>L. nealleyi</u> Vasey NEALLEY SPRANGLETOP	NA-W	2 6
<u>L. panicoides</u> (Presl.) Hitchc. AMAZON SPRANGLETOP	NA-W	1
<u>L. uninervia</u> (Presl.) Hitchc. & Chase MEXICAN SPRANGLETOP	NA-W	2 67 10
<u>L. virgata</u> (L.) Beauv. TROPIC SPRANGLETOP	NP-W	2 67 10
<u>LEPTOLOMA WITCHGRASS</u>		
<u>L. arenicola</u> Swallen SAND WITCHGRASS	NP-W	6
<u>L. cognatum</u> (Schult.) Chase FALL WITCHGRASS, Diffuse Crabgrass	NP-W	12345678910
<u>LIMNODEA</u>		
<u>L. arkansana</u> (Nutt.) L. H. Dewey OZARKGRASS	NA-C	12345678

SCIENTIFIC AND COMMON NAMES		Plant data <sup>1/</sup>	Distribution by zones <sup>2/</sup>
<u>LOLIUM RYEGRASS</u>			
<u>L. multiflorum</u> Lam. ( <u>L. perenne</u> var. <u>italicum</u> (R. Br.) Parnell)	ITALIAN RYEGRASS	IA-C	1 345 78910
<u>L. perenne</u> L.	PERENNIAL RYEGRASS, English R., Raygrass	IP-C	1 34 789
<u>L. temulentum</u> L.			
var. <u>temulentum</u>	DARNEL RYEGRASS, Poison Darnel	IA-C	12345
var. <u>leptochaeton</u> A. Br.	BEARDLESS DARNEL RYEGRASS	IA-C	1
<u>LYCURUS</u>			
<u>L. phleoides</u> H. B. K.	WOLFTAIL, Texas Timothy	NP-W	910
<u>MANISURIS JOINTTAIL</u>			
<u>M. altissima</u> (Poir.) Hitchc.	AFRICAN JOINTTAIL	IP-W	6 10
<u>M. cylindrica</u> (Michx.) Kunth	CAROLINA JOINTTAIL, Pitted Jointgrass	NP-W	123456 8
<u>M. rugosa</u> (Nutt.) Kuntze	WRINKLED JOINTTAIL	NP-W	12
<u>MELICA MELIC</u>			
<u>M. bulbosa</u> Geyer ex Port.	ONIONGRASS	NP-W	7
<u>M. montezumae</u> Piper	MONTEZUMA MELIC	NP-W	7 10
<u>M. mutica</u> Walt.	TWOFLOWERED MELIC, Narrow M.	NP-W	123
<u>M. nitens</u> (Scribn.) Nutt.	THREEFLOWER MELIC, Tall M.	NP-W	45 78910
<u>M. porteri</u> Scribn.			
var. <u>porteri</u>	PORTER MELIC	NP-W	7 10
var. <u>laxa</u> Boyle	LAX PORTER MELIC	NP-W	10
<u>MCNANTHOCHELOE</u>			
<u>M. littoralis</u> Englm.	SHOREGRASS, Salt Cedar	NP-W	2
<u>MUHLENBERGIA MUHLY</u>			
<u>M. arenacea</u> (Buckl.) Hitchc.	EAR MUHLY	NP-W	7 910
<u>M. arenicola</u> Buckl.	SAND MUHLY	NP-W	78910
<u>M. asperifolia</u> (Nees & Mey.) Parodi	ALKALI MUHLY, Scratchgrass, Rough-leaved Dropseed	NP-W	78910
<u>M. brachyphylla</u> Bush	NODDING MUHLY	NP-W	34 8
<u>M. brevis</u> C. O. Goodding		NA-W	10
<u>M. capillaris</u> (Eam.) Trin.			
var. <u>capillaris</u>	HAIRYAWN MUHLY, Long-awned Hairgrass	NP-W	123
var. <u>filipes</u> (M. A. Curtis) Chapm. ex Beal	GULF MUHLY	NP-W	12
<u>M. depauperata</u> Scribn.		NA-W	10
<u>M. dubia</u> Fourn.	PINE MUHLY	NP-W	10
<u>M. emersleyi</u> Vasey	BULLGRASS, Bluegrass	NP-W	10
<u>M. expansa</u> (DC.) Trin.	CUTOVER MUHLY	NP-W	123
<u>M. fragilis</u> Swallen	DELICATE MUHLY	NA-W	10
<u>M. frondosa</u> (Poir.) Fernald ( <u>M. mexicana</u> of Hitchc. Manual ed. I)	WIRESTEM MUHLY	NP-W	3 7
<u>M. glabriflora</u> Scribn.	INLAND MUHLY	NP-W	3
<u>M. glauca</u> (Nees) Mez.	DESERT MUHLY	NP-W	10
<u>M. involuta</u> Swallen	CANYON MUHLY	NP-W	7 10
<u>M. elodens</u> C. E. Reeder		NA-W	10



SCIENTIFIC AND COMMON NAMES	Plant data <sup>1/</sup>	Distribution by zones <sup>2/</sup>
<u>MUHLENBERGIA MUHLY (Cont'd)</u>		
<u>M. lindheimeri</u> Hitchc. LINDHEIMER MUHLY	NP-W	5 7
<u>M. metcalfei</u> Jones METCALF MUHLY	NP-W	10
<u>M. minutissima</u> (Steud.) Swallen SIXWEEKS MUHLY	NA-W	1234 10
<u>M. montana</u> (Nutt.) Hitchc. MOUNTAIN MUHLY	NP-W	10
<u>M. monticola</u> Buckl. MESA MUHLY	NP-W	10
<u>M. parviglumis</u> Vasey LONGAWN MUHLY	NP-W	7 10
<u>M. pauciflora</u> Buckl. NEW MEXICAN MUHLY	NP-W	12 10
<u>M. polycaulis</u> Scribn. CLIFF MUHLY	NP-W	234 6789 10
<u>M. porteri</u> Scribn. BUSH MUHLY, Mesquite Grass, Bush Grass	NP-W	12 78910
<u>M. racemosa</u> (Michx.) B. S. P. GREEN MUHLY, Satingrass	NP-W	1 3 9 910
<u>M. repens</u> (Presl.) Hitchc. CREEPING MUHLY, Red M.	NP-W	9 910
<u>M. reverchoni</u> Vasey & Scribn. SEEP MUHLY	NP-W	123 345 78
<u>M. rigens</u> (Benth.) Hitchc. DEERGRASS	NP-W	12 7 10
<u>M. rigida</u> (H. B. K.) Kunth. PURPLE MUHLY	NP-W	123 10
<u>M. schreberi</u> Gmel. NIMBLEWILL, Satingrass	NP-W	1234 7 10
<u>M. setifolia</u> Vasey CURLYLEAF MUHLY	NP-W	7 10
<u>M. sobolifera</u> (Muhl.) Trin. var. <u>sobolifera</u> ROCK MUHLY, Rock Dropseed var. <u>setigera</u> Scribn. BEARDED ROCK MUHLY, Bearded M., Slender Satingrass	NP-W	1 3 6 1 3 1 3
<u>M. sylvatica</u> (Torr.) Torr. FOREST MUHLY	NP-W	1 3
<u>M. texana</u> Buckl. TEXAS MUHLY	NA-W	910
<u>M. torreyi</u> (Kunth) Hitchc. & Chase RING MUHLY, Ringgrass	NP-W	123 910
<u>M. utilis</u> (Torr.) Hitchc. APAREJO GRASS	NP-W	12 4 7 10
<u>M. villosa</u> Swallen HAIRY MUHLY	NP-W	12 9
<u>MUNROA</u>		
<u>M. squarrosa</u> (Nutt.) Torr. FALSE-BUFFALOGRASS, Munro's Grass	NA-W	1234 123 78910
<u>OPLISMENUS</u>		
<u>O. hirtellus</u> (L.) Beauv. BASKETGRASS	IP-W	2345 6 910
<u>O. setarius</u> (L.) Roem. & Schult.	IP-W	123 6
<u>ORYZA</u>		
<u>O. sativa</u> L. RICE	IA- <del>W</del>	12 6 6
<u>ORYZOPSIS</u>		
<u>O. hymenoides</u> (Roem. & Schult.) Richer INDIAN RICEGRASS	NP-W	123 6 2 45678910 7 910
<u>PANICUM PANICUM</u>		
<u>P. aciculare</u> Desv. ex Poir. NEEDLELEAF PANICUM	NP-W	123 910
<u>P. agrostoides</u> Spreng. (including var. <u>ramosium</u> (Mohr.) Fernald) REDTOP PANICUM	NP-W	1234 6 7
<u>P. amarulum</u> Hitchc. & Chase SHOREDUNE PANICUM	NP-W	2
<u>P. amarum</u> Ell. BITTER PANICUM	NP-W	2 67

## SCIENTIFIC AND COMMON NAMES

Plant  
data<sup>1/</sup> Distribution  
by zones<sup>2/</sup>

## PANICUM (Cont'd)

SCIENTIFIC AND COMMON NAMES	Plant data <sup>1/</sup>	Distribution by zones <sup>2/</sup>
<i>P. anceps</i> Michx. var. <i>anceps</i> BEAKED PANICUM, Flat-stemmed P.	NP-W	1234
var. <i>rhizomatum</i> (Hitchc. & Chase) Fernald ( <i>P. rhizomatum</i> Hitchc. & Chase) RHIZOMATOUS BEAKED PANICUM	NP-W	12 1 345 78 10
<i>P. angustifolium</i> Ell. NARROWLEAF PANICUM	NP-W	12
<i>P. antidotale</i> Retz. BLUE PANICUM	IP-W	234 6789
<i>P. arenicoloides</i> Ashe SAND PANICUM	NP-W	12
<i>P. arizonicum</i> Scribn. & Merr. ARIZONA PANICUM	NA-W	10
<i>P. auburne</i> Ashe AUBURNE PANICUM	NP-W	1 3
<i>P. barbulatum</i> Michx.	NP-W	1
<i>P. boscii</i> Poir. var. <i>boscii</i> BOSC PANICUM	NP-W	123
var. <i>molle</i> (Vasey) Hitchc. HAIRY BOSC PANICUM	NP-W	12
<i>P. brachyanthum</i> Steud. PIMPLE PANICUM	NP-W	123
<i>P. bulbosum</i> H. B. K. BULB PANICUM	NP-W	12 10
<i>P. capillare</i> L. (including var. <i>occidentale</i> Rydb.) COMMON WITCHGRASS, Witchgrass, Old Witchgrass	NA-W	12345 78910
<i>P. capillarioides</i> Vasey SOUTHERN WITCHGRASS	NP-W	6
<i>P. chrysopsidifolium</i> Nash YELLOWLEAF PANICUM	NP-W	1
<i>P. ciliatum</i> Ell. FRINGED PANICUM	NP-W	1
<i>P. clandestinum</i> L. DEER-TONGUE PANICUM	NP-W	1
<i>P. commutatum</i> Schult. VARIABLE PANICUM	NP-W	123
<i>P. condensum</i> Nash	NP-W	12
<i>P. consanguineum</i> Kunth BLOOD PANICUM	NP-W	123
<i>P. cryptanthum</i> Ashe	NP-W	12
<i>P. curtifolium</i> Nash SHORTLEAF PANICUM	NP-W	12
<i>P. depauperatum</i> Muhl. STARVED PANICUM	NP-W	1
<i>P. dichotomiflorum</i> Michx. FALL PANICUM, Spreading Witchgrass	NP-W	1234
<i>P. dichotomum</i> L. FORKED PANICUM	NP-W	123
<i>P. fasciculatum</i> Swartz BROWNTOP PANICUM var. <i>fasciculatum</i> var. <i>reticulatum</i> (Torr.) Beal	NA-W	2 6 10 2345678910
<i>P. filipes</i> Scribn. FILLY PANICUM	NP-W	1234 67
<i>P. firmulum</i> Hitchc. & Chase KNOTROOT PANICUM	NP-W	2 6
<i>P. flexile</i> (Gattinger) Scribn. WIRY WITCHGRASS	NA-W	123
<i>P. geminatum</i> Forsk.	NP-W	123 6
<i>P. ghiesbreghtii</i> Fourn. GHIESBREGHT PANICUM	NP-W	6
<i>P. gymnocarpon</i> Ell. SAVANNAH PANICUM	NP-W	123 6
<i>P. hallii</i> Vasey HALLS PANICUM	NP-W	2 45678910
<i>P. havardii</i> Vasey HAVARD PANICUM	NP-W	7 10
<i>P. hemitomon</i> Schult. MAIDENCANE, Paille Fine, Simpson's Grass	NP-W	12
<i>P. hians</i> Ell. GAPIING PANICUM	NP-W	1234 67
<i>P. hillmani</i> Chase HILLMAN PANICUM	NA-W	7
<i>P. hirsutum</i> Swartz	NP-W	6
<i>P. hirtucaule</i> Presl. (including <i>P. pampinosum</i> Hitchc. & Chase) ROUGHSTALK WITCHGRASS	NA-W	67
<i>P. jorii</i> Vasey JOOR PANICUM	NP-W	12
<i>P. lancearium</i> Trin.	NP-W	2

SCIENTIFIC AND COMMON NAMESPlant  
data<sup>1/</sup>Distribution  
by zones<sup>2/</sup>PANICUM (Cont'd)

<u>SCIENTIFIC AND COMMON NAMES</u>	Plant data <sup>1/</sup>	Distribution by zones <sup>2/</sup>
<u>P. lanuginosum</u> Ell. var. <u>lanuginosum</u> WOOLY PANICUM	NP-W	12 4
var. <u>fasciculatum</u> (Torr.) Fernald ( <u>P. huachucae</u> Ashe) HUACHUCA PANICUM, Hairy P.	NP-W	34 78 10
var. <u>lindheimeri</u> (Nash) Fernald ( <u>P. tennesseense</u> Ashe) LINDHEIMER PANICUM, Tennessee P.	NP-W	1 345 78 10
<u>P. laxiflorum</u> Lam. ( <u>P. xalapense</u> H. B. K.)	NP-W	1 3
<u>P. leucothrix</u> Nash	NP-W	2
<u>P. leibergii</u> (Vasey) Scribn. LEIBERG PANICUM	NP-W	4
<u>P. linearifolium</u> Scribn. var. <u>linearifolium</u> SLIMLEAF PANICUM, Low Whitehaired P.	NP-W	1234
var. <u>wernerii</u> (Scribn.) Fernald ( <u>P. wernerii</u> Scribn.) WERNER PANICUM	NP-W	4
<u>P. longifolium</u> Torr. LONGLEAF PANICUM	NP-W	1 3
<u>P. longiligulatum</u> Nash LONGTONGUE PANICUM	NP-W	2
<u>P. lucidum</u> Ashe BOG PANICUM	NP-W	12
<u>P. malacophyllum</u> Nash SOFTLEAF PANICUM	NP-W	1 3 5
<u>P. maximum</u> Jacq. GUINEAGRASS	IP-W	2 6
<u>P. microcarpon</u> Muhl. ex Ell. BARBED PANICUM	NP-W	1
<u>P. miliaceum</u> L. BROOMCORN MILLET	IA-W	67 10
<u>P. neuranthum</u> Griseb.	NP-W	2 6 10
<u>P. nitidum</u> Lam. SPINY PANICUM	NP-W	12
<u>P. nodatum</u> Hitchc. & Chase SARITA PANICUM	NP-W	6
<u>P. obtusum</u> H. B. K. VINE-MESQUITE, Grapevine Mesquite	NP-W	345678910
<u>P. oligosanthos</u> Schult. var. <u>oligosanthos</u>	NP-W	1234 6
var. <u>helleri</u> (Nash) Fernald HELLER PANICUM	NP-W	123456789
var. <u>scribnerianum</u> Nash SCRIBNER PANICUM	NP-W	12345678910
<u>P. ovale</u> Ell.	NP-W	12
<u>P. ovinum</u> Scribn. & Smith SHEEP PANICUM	NP-W	123
<u>P. paludivagum</u> Hitchc. WATER PANICUM, Watergrass	NP-W	2 67
<u>P. pedicellatum</u> Vasey CEDAR PANICUM	NP-W	34567 10
<u>P. perlongum</u> Nash LONGSTALKED PANICUM	NP-W	34 67
<u>P. philadelphicum</u> Bernh. ex Trin. PHILADELPHIA WITCHGRASS, Wood Witchgrass	NA-W	1 3
<u>P. pilcomayense</u> Hack.	IP-W	234
<u>P. plenum</u> Hitchc. & Chase FALSE SWITCHGRASS	NP-W	78 10
<u>P. polyanthes</u> Schult. LEAFY PANICUM	NP-W	123
<u>P. portoricense</u> Desv. ex Hamilt.	NP-W	23
<u>P. praecocius</u> Hitchc. & Chase EARLY PANICUM, Early-branching P.	NP-W	123
<u>P. purpurascens</u> Raddi PARA GRASS	IP-W	2 6
<u>P. ramisetum</u> Scribn. BRISTLE PANICUM	NP-W	23 678910
<u>P. ravenelii</u> Scribn. & Merr.	NP-W	123
<u>P. repens</u> L. TORPEDOGRASS	IP-W	12 10
<u>P. reptans</u> L. SPRAWLING PANICUM	NA-W	12 6
<u>P. reverchoni</u> Vasey REVERCHON PANICUM	NP-W	3 5678910
<u>P. roanokense</u> Ashe ROANOKE PANICUM	NP-W	123



Plant Distribution  
 data<sub>1</sub>/ by zones<sub>2</sub>/

SCIENTIFIC AND COMMON NAMES

PANICUM (Cont'd)

<u>P. scabriusculum</u> Ell.	TALL SWAMP PANICUM	NP-W	12	67
<u>P. scoparium</u> Lam.	VELVET PANICUM	NP-W	123	
<u>P. sphaerocarpon</u> Ell.				
var. <u>sphaerocarpon</u>	ROUNDSEED PANICUM	NP-W	1234567	
var. <u>inflatum</u> (Scribn. & Smith)	Hitchc. & Chase	NP-W	1	
<u>P. spretum</u> Schult.	EATON PANICUM	NP-W	123	
<u>P. stipitatum</u> Nash	PURPLE PANICUM, Tall Flat P.	NP-W	1	3
<u>P. strigosum</u> Muhl.		NP-W	1	23 6
<u>P. tenerum</u> Beyr.		NP-W	12	
<u>P. texanum</u> Buckl.	TEXAS PANICUM, Texas Millet, Colorado Grass	NA-W	12345678910	
<u>P. thurowii</u> Scribn. & Smith	THUROW PANICUM	NP-W	123	
<u>P. trichoides</u> Swartz		NA-W		6
<u>P. trifolium</u> Nash		NP-W	12	
<u>P. verrucosum</u> Muhl.	WARTY PANICUM	NA-W	12	
<u>P. villosissimum</u> Nash	WHITE-HAIRED PANICUM	NP-W	1 3	
<u>P. virgatum</u> L.	SWITCHGRASS	NP-W	12345678910	
<u>P. yadkinense</u> Ashe	YADKIN PANICUM	NP-W	1	

PAPPOPHORUM PAPPUSGRASS

<u>P. bicolour</u> Fourn.	PINK PAPPUSGRASS	NP-W	1	67 10
<u>P. mucronulatum</u> Nees	WHIPLASH PAPPUSGRASS	NP-W	2	6 10

PARAPHOLIS

<u>P. incurva</u> (L.) C. E. Hubb.	( <u>Lepturus incurvus</u> Druce, <u>Pholurus incurvus</u> (L.) Schinz & Thell.) SICKLEGRASS	IA-C	2	
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PASPALUM PASPALUM

<u>P. acuminatum</u> Raddi.	BROOKS PASPALUM	NP-W		6
<u>P. alnum</u> Chase	COMBS PASPALUM	NP-W	2	
<u>P. bifidum</u> (Bertol.) Nash	PITCHFORK PASPALUM	NP-W	123	6
<u>P. boschianum</u> Flugge	BULL PASPALUM	NP-W	12	
<u>P. ciliatifolium</u> Michx.				
var. <u>ciliatifolium</u>	FRINGELEAF PASPALUM	NP-W	12345678	
var. <u>muhlenbergii</u> (Nash) Fernald ( <u>P. pubescens</u> Muhl.)	HURRAHGRASS	NP-W	1 3	678 10
var. <u>stramineum</u> (Nash) Fernald ( <u>P. stramineum</u> Nash)	SAND PASPALUM	NP-W	123456789	
<u>P. conjugatum</u> Bergius.	SOUR PASPALUM	NP-W		6 10
<u>P. convexum</u> Humb. & Bonpl.	MEXICAN PASPALUM	NP-W	1	6
<u>P. debile</u> Michx.	GOLDHAIR PASPALUM	NP-W	1 3 6	
<u>P. dilatatum</u> Poir.	DALLISGRASS, Paspalum Grass	IP-W	1234	7 8
<u>P. dissectum</u> (L.) L.	MUDBANK PASPALUM	NP-W	123	345678910
<u>P. distichum</u> L.				
var. <u>distichum</u>	KNOTGRASS, Jointgrass, Ft. Thompsongrass	NP-W	12345678910	
var. <u>indutum</u> Shinners		NP-W	4	6 10
<u>P. floridanum</u> Michx.				
var. <u>floridanum</u>	FLORIDA PASPALUM	NP-W	1234	8
var. <u>glabratum</u> Englm.	SMOOTH FLORIDA PASPALUM, Big Florida P., Big P.	NP-W	1234	10

<u>SCIENTIFIC AND COMMON NAMES</u>	<u>Plant data<sup>1/</sup></u>	<u>Distribution by zones<sup>2/</sup></u>
<u>PASPALUM (Cont'd)</u>		
<u>P. fluitans</u> (Ell.) Kunth. WATER PASPALUM	NA-W	123
<u>P. hartwegianum</u> Fourn. HARTWEG PASPALUM	NP-W	2 67
<u>P. laeve</u> Michx. var. <u>laeve</u> FIELD PASPALUM	NP-W	123
var. <u>circulare</u> (Nash) Stone ( <u>P. circulare</u> Nash) ROUNDSEED PASPALUM	NP-W	1
var. <u>pilosum</u> Scrib. ( <u>P. longipilum</u> Nash) HAIRYLEAF PASPALUM	NP-W	1 3
<u>P. langei</u> (Fourn.) Nash RUSTYSEED PASPALUM	NP-W	23 6
<u>P. lentiferum</u> Lam. CYPRESS PASPALUM	NP-W	12
<u>P. lividum</u> Trin. LONGTOM, Pull-and-be-damned	NP-W	12 6
<u>P. minus</u> Fourn. MAT PASPALUM	NP-W	2 6
<u>P. monostachyum</u> Vasey GULFDUNE PASPALUM	NP-W	12 6
<u>P. notatum</u> Flugge var. <u>notatum</u> BAHIA GRASS	IP-W	12
var. <u>saurae</u> Parodi (PENSACOLA BAHIA GRASS, Paraguay B., and Wilmington B. are strains)	IP-W	12
<u>P. plicatum</u> Michx. BROWNSEED PASPALUM	NP-W	1234 6
<u>P. praecox</u> Walt. EARLY PASPALUM	NP-W	123
<u>P. pubiflorum</u> Rupr. & Fourn. var. <u>pubiflorum</u> HAIRYSEED PASPALUM	NP-W	12345678
var. <u>glabrum</u> Vasey ex Scribn. SMOOTHSEED PASPALUM	NP-W	1 34 78
<u>P. rigidifolium</u> Nash STIFF PASPALUM	NP-W	23
<u>P. separatum</u> Shimmers	NP-W	3
<u>P. scrobiculatum</u> L. INDIA PASPALUM	IP-W	8
<u>P. setaceum</u> Michx. THIN PASPALUM	NP-W	12 67
<u>P. texanum</u> Swallen TEXAS PASPALUM	NP-W	2
<u>P. unispicatum</u> (Scribn. & Merr.) Nash ONESPIKE PASPALUM	NP-W	6
<u>P. urvillei</u> Steud. VASEYGRASS	IP-W	123 7
<u>P. vaginatum</u> Swartz SEASHORE PASPALUM, Sand Knotgrass	NP-W	2
<u>P. virgatum</u> L. TALQUEZAL	NP-W	6
<u>PENNISETUM</u>		
<u>P. ciliare</u> (L.) Link BUFFELGRASS	IP-W	2 67
<u>P. nervosum</u> (Nees) Trin. BENTSPIKE PENNISETUM	IP-W	6
<u>P. villosum</u> R. Br. FEATHERTOP	IP-W	678 10
<u>PHALARIS CANARYGRASS</u>		
<u>P. angusta</u> Nees ex Trin. TIMOTHY CANARYGRASS	NA-C	123 6 10
<u>P. brachystachys</u> Link SHORTSPIKE CANARYGRASS	IA-C	6
<u>P. canariensis</u> L. CANARYGRASS	IA-C	123
<u>P. caroliniana</u> Walt. CAROLINA CANARYGRASS, Southern C.	NA-C	12345678910
<u>P. minor</u> Retz. LITTLESEED CANARYGRASS	IA-C	2
<u>PHRAGMITES</u>		
<u>P. communis</u> Trin. COMMON REED	IP-W	12 4 6 8910
<u>PIPTOCHAETIUM</u>		
<u>P. fimbriatum</u> (H.B.K.) Hitchc. PINON RICEGRASS	NP-W	10

<u>SCIENTIFIC AND COMMON NAMES</u>	<u>Plant data<sup>1/</sup></u>	<u>Distribution by zones<sup>2/</sup></u>
<u>POA BLUEGRASS</u>		
<u>P. albescens</u> Hitchc.	NP-C	10
<u>P. annua</u> L. ANNUAL BLUEGRASS, Low Speargrass, Dwarf Meadowgrass	IA-W IA-C	12345678
<u>P. arachnifera</u> Torr. TEXAS BLUEGRASS	NP-C	1234 78
<u>P. arida</u> Vasey PLAINS BLUEGRASS	NP-C	910
<u>P. autumnalis</u> Muhl. AUTUMN BLUEGRASS, Flexuous Speargrass	NP-C	12
<u>P. bigelovii</u> Vasey & Scribn. BIGELOW BLUEGRASS	NA-C	5 78910
<u>P. chapmaniana</u> Scribn. CHAPMAN BLUEGRASS, Chapman Speargrass	NA-C	1 3
<u>P. compressa</u> L. CANADA BLUEGRASS	IP-C	3 9
<u>P. fendleriana</u> (Steud.) Vasey MUTTON BLUEGRASS, Muttongrass, Fendler B.	NP-W	1 6 7 8 9 10
<u>P. interior</u> Rydb. INLAND BLUEGRASS	NP-W	1 3 6 10
<u>P. involuta</u> Hitchc. CHISOS BLUEGRASS	NP-W	10
<u>P. pratensis</u> L. KENTUCKY BLUEGRASS, Junegrass	IP-C	1 3 6 7 9 10
<u>P. sylvestris</u> A. Gray WOODLAND BLUEGRASS, Sylvan Speargrass	NP-C	1 6 7 10
<u>POLYPOGON</u>		
<u>P. interruptus</u> H.B.K. ( <u>P. lutosus</u> of Hitchcock's Manual of U. S. Grasses, ed. I) DITCH POLYPOGON	IA-C	10
<u>P. monspeliensis</u> (L.) Desf. RABBITFOOT GRASS, Annual Beardgrass	IA-C	12345678 10
<u>P. semiverticillata</u> (Forsk.) Hylander ( <u>Agrostis</u> <u>semiverticillata</u> (Forsk.) C. Christ.) WATER BENTGRASS	IP-W	4 6 7 8 10
<u>RHYNCHELYTRUM</u>		
<u>R. roseum</u> (Nees) Stapf. & Hubb. ( <u>Tricholaena</u> <u>rosea</u> Nees) NATAL GRASS	IP-W	1 6
<u>SACCIOLEPIS</u>		
<u>S. striata</u> (L.) Nash	NP-W	1 3 6 7 8 9 10
<u>SCHEDONNARDUS</u>		
<u>S. paniculatus</u> (Nutt.) Trel. TUMBLEGRASS	NP-W	1 3 4 5 6 7 8 9 10
<u>SCLEROCHLOA</u>		
<u>S. dura</u> (L.) Beauv. HARDGRASS	IA-C	4 7
<u>SCLEROPOA</u>		
<u>S. rigida</u> (L.) Griseb. STIFFGRASS	IA-C	123 67
<u>SCLEROPOGON</u>		
<u>S. brevifolius</u> Phil. BURROGRASS, False Needlegrass	NP-W	78910
<u>SECALE</u>		
<u>S. cereale</u> L. RYE	IA-C	1 3 7 8 9



SCIENTIFIC AND COMMON NAMES

Plant data<sup>1/</sup> / Distribution by zones<sup>2/</sup>

SETARIA BRISTLEGRASS

<u>S. corrugata</u> (Ell.) Schultes	NA-W	6
<u>S. geniculata</u> (Lam.) Beauv. KNOTROOT BRISTLEGRASS	NP-W	12345678910
<u>S. grisebachii</u> Fourn. GRISEBACH BRISTLEGRASS	NA-W	7 10
<u>S. italica</u> (L.) Beauv. FOXTAIL MILLET, Italian Millet	IA-W	4 78
<u>S. lutescens</u> (Weigel) Hubb. YELLOW BRISTLEGRASS, Yellow Foxtail, Pigeon-grass	IA-W	1234 78 10
<u>S. macrostachya</u> H.B.K. PLAINS BRISTLEGRASS	NP-W	<del>2345678910</del>
<u>S. magna</u> Griseb. GIANT BRISTLEGRASS, Giant Foxtail Grass	NA-W	2
<u>S. scheelei</u> (Steud.) Hitchc. SOUTHWESTERN BRISTLEGRASS	NP-W	2 4 678 910
<u>S. texana</u> Emery	NP-W	6
<u>S. verticillata</u> (L.) Beauv. HOOKED BRISTLEGRASS, Bur B., Foxtail Grass	IA-W	4 67 10
<u>S. villosissima</u> (Scribn. & Merr.) Schum. HAIRYLEAF BRISTLEGRASS	NP-W	67 10
<u>S. viridis</u> (L.) Beauv. GREEN BRISTLEGRASS, Green Foxtail-grass	IA-W	45678910
<u>S. leucopila</u> (Scribn. & Merrill) K. Schum.	NP-W	

SITANION

<u>S. hystrix</u> (Nutt.) J. G. Smith ( <u>Elymus elymoides</u> (Raf.) Swezey) BOTTLEBRUSH SQUIRRELTAIL, Long-bristled Wildrye	NP-C	678910
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SORGHASTRUM INDIANGRASS

<u>S. elliottii</u> (Mohr.) Nash SLENDER INDIANGRASS, Long-bristled I.	NP-W	12
<u>S. nutans</u> (L.) Nash INDIANGRASS, Indianreed	NP-W	12345678910
<u>S. secundum</u> (ELL.) Nash LOPSIDE INDIANGRASS	NP-W	1

SORGHUM

<u>S. halepense</u> (L.) Pers. JOHNSONGRASS	IP-W	12345678910
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SPARTINA CORDGRASS

<u>S. alterniflora</u> Loisel. var. <u>glabra</u> (Muhl.) Fernald SMOOTH CORDGRASS, Salt Marshgrass	NP-W	2 6
<u>S. cynosuroides</u> (L.) Roth. BIG CORDGRASS, Salt Reedgrass	NP-W	2
<u>S. patens</u> (Ait.) Muhl. var. <u>juncea</u> Hitchc. MARSHHAY CORDGRASS, Rush Saltgrass	NP-W	2
<u>S. pectinata</u> Link PRAIRIE CORDGRASS, Tall Marshgrass, Sloughgrass	NP-W	1234 6789
<u>S. spartinae</u> (Trin.) Merr. GULF CORDGRASS	NP-W	2 6

SPHENOPHOLIS WEDGESCALE

<u>S. filiformis</u> (Chapm.) Scribn. LONGLEAF WEDGESCALE	NP-C	12 4
<u>S. intermedia</u> (Rydb.) Rydb. SLENDER WEDGESCALE	NP-C	1
<u>S. longiflora</u> (Vasey) Hitchc. TEXAS WEDGESCALE	NP-C	12
<u>S. nitida</u> (Bieler) Scribn. SHINY WEDGESCALE	NP-C	1234
<u>S. obtusata</u> (Michx.) Scribn. PRAIRIE WEDGESCALE, Prairie Wedgegrass	NP-C	12345678910

SCIENTIFIC AND COMMON NAMES

Plant data<sup>1/</sup> Distribution by zones<sup>2/</sup>

SPOROBOLUS DROPSEED

<u>S. airoides</u> (Torr.) Torr.	ALKALI SACATON	NP-W	2	678910
<u>S. asper</u> (Michx.) Kunth.				
var. <u>asper</u>	TALL DROPSEED, Long-leaved Rushgrass	NP-W	1234	678
var. <u>canovirens</u> (Nash) Shimmers ( <u>S. clandestinus</u> (Bieler) Hitchc. in part)		NP-W	1	34 7
var. <u>hookeri</u> (Trin.) Vasey	MEADOW DROPSEED	NP-W	1234	567
var. <u>macer</u> (Trin.) Shimmers ( <u>S. macer</u> (Trin.) Hitchc.)	MISSISSIPPI DROPSEED	NP-W	1	
var. <u>pilosus</u> (Vasey) Hitchc.	HAIRY DROPSEED	NP-W		7
<u>S. buckleyi</u> Vasey	BUCKLEY DROPSEED	NP-W		6
<u>S. contractus</u> Hitchc.	SPIKE DROPSEED	NP-W		8910
<u>S. cryptandrus</u> (Torr.) A. Gray	SAND DROPSEED	NP-W	2345678	910
<u>S. flexuosus</u> (Thurb.) Rydb.	MESA DROPSEED	NP-W		910
<u>S. giganteus</u> Nash	GIANT DROPSEED	NP-W		8910
<u>S. heterolepis</u> (A. Gray) A. Gray	PRAIRIE DROPSEED	NP-W	123	
<u>S. junceus</u> (Michx.) Kunth.	PINEYWOODS DROPSEED, Purple D.	NP-W	12	
<u>S. nealleyi</u> Vasey	NEALLEY DROPSEED, Gypgrass	NP-W		10
<u>S. poiretii</u> (Roem. & Schult.) Hitchc.	RATTAIL SMUTGRASS, Smutgrass	IP-W	1234	
<u>S. pulvinatus</u> Swallen		NA-W		10
<u>S. purpurascens</u> (Swartz) Hamilt.	PURPLE DROPSEED	NP-W		6
<u>S. pyramidatus</u> (Iam.) Hitchc.	WHORLED DROPSEED	NP-W	2345678	10
<u>S. silveanus</u> Swallen	SILVEUS DROPSEED	NP-W	1	
<u>S. texanus</u> Vasey	TEXAS DROPSEED	NP-W		8 10
<u>S. tharpitii</u> Hitchc.	PADRE ISLAND DROPSEED	NP-W	2	
<u>S. vaginiflorus</u> (Torr.) Wood				
var. <u>vaginiflorus</u>	POVERTY DROPSEED, Southern Povertygrass	NA-W	1	345678
var. <u>inaequalis</u> Fern.		NA-W	1	
var. <u>neglectus</u> (Nash) Scribn. ( <u>S. neglectus</u> Nash)	PUFFSHEATH DROPSEED, Small Rushgrass	NA-W	1	45 7
<u>S. virginicus</u> (L.) Kunth.	SEASHORE DROPSEED, Seashore Rushgrass	NP-W	2	
<u>S. wrightii</u> Munro ( <u>S. airoides</u> var. <u>wrightii</u> (Munro) Gould)	SACATON	NP-W		67 10

STENOTAPHRUM

<u>S. secundatum</u> (Walt.) Kuntze	ST. AUGUSTINE GRASS, Shoregrass	NP-W	12345678910	
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STIPA NEEDLEGRASS

<u>S. arida</u> Jones	MORMON NEEDLEGRASS	NP-W		10
<u>S. avenacea</u> L.	BLACKSEED NEEDLEGRASS, Black Oatgrass	NP-C	123	
<u>S. comata</u> Trin. & Rupr.	NEEDLE-AND-THREAD	NP-W		8910
<u>S. columbiana</u> Macoun	COLUMBIA NEEDLEGRASS, Subalpine N.	NP-W		910
<u>S. eminens</u> Cav.	SOUTHWESTERN NEEDLEGRASS	NP-W		10
<u>S. lobata</u> Swallen	LITTLEAWN NEEDLEGRASS	NP-W		10
<u>S. leucotricha</u> Trin. & Rupr.	TEXAS WINTERGRASS, Texas Needlegrass, Speargrass	NP-C	12345678910	

<u>SCIENTIFIC AND COMMON NAMES</u>	<u>Plant data</u> <sup>1/</sup>	<u>Distribution</u> <sup>2/</sup> <u>by zones</u>
<u>STIPA (Cont'd)</u>		
<u>S. neomexicana</u> (Thurb.) Scribn. NEW MEXICO NEEDLEGRASS, New Mexico Feathergrass	NP-W	7 910
<u>S. pringlei</u> Scribn. PRINGLE NEEDLEGRASS	NP-W	10
<u>S. robusta</u> (Vasey) Scribn. SLEEPYGRASS	NP-W	910
<u>S. tenuissima</u> Trin. FINESTEM NEEDLEGRASS, Wiry Speargrass	NP-W	10
<u>TRACHYPOGON</u>		
<u>T. secundus</u> (Presl.) Scribn. ( <u>I. montufari</u> of Hitchcock's Manual of U. S. Grasses, ed. I.) CRINKLEAWN	NP-W	2 6 10
<u>TRAGUS BURGRASS</u>		
<u>T. berteronianus</u> Schult. SPIKE BURGRASS, Pricklegrass	IA-W	6 10
<u>T. racemosus</u> (L.) All. STALKED BURGRASS	IA-W	10
<u>TRICHACHNE COTTONTOP</u>		
<u>T. californica</u> (Benth.) Chase ARIZONA COTTONTOP, California C., Cottontop	NP-W	45678 10
<u>T. hitchcockii</u> (Chase) Chase SHORTLEAF COTTONTOP	NP-W	67 10
<u>T. insularis</u> (L.) Nees SOURGRASS	NP-W	2 67 10
<u>T. patens</u> Swallen TEXAS COTTONTOP, Texas Trichachne	NP-W	3 67
<u>TRICHLORIS TRICHLORIS</u>		
<u>T. crinita</u> (Lag.) Parodi ( <u>T. mendocina</u> (Phil.) Kurtz) TWOFLOWER TRICHLORIS	NP-W	67 10
<u>T. pleuriflora</u> Fourn. FOURFLOWER TRICHLORIS	NP-W	23 67 10
<u>TRICHONEURA</u>		
<u>T. elegans</u> Swallen SILVEUSGRASS	NA-W	2 6
<u>TRIDENS (TRIODIA of Hitchcocks's Manual of U. S. Grasses, ed. I.) TRIDENS</u>		
<u>T. albescens</u> (Vasey) Woot. & Standl. WHITE TRIDENS	NP-W	345678910
<u>T. ambiguus</u> (Ell.) Schult. PINEBARREN TRIDENS	NP-W	12
<u>T. buckleyanus</u> (L. H. Dewey) Nash BUCKLEY TRIDENS	NP-W	6
<u>T. congestus</u> (L. H. Dewey) Nash PINK TRIDENS	NP-W	234 6
<u>T. eragrostoides</u> (Vasey & Scribn.) Nash LOVEGRASS TRIDENS	NP-W	2 67
<u>T. flavus</u> (L.) Hitchc. var. <u>flavus</u> PURPLETOP, Tall Redtop	NP-W	12345 78
var. <u>chapmani</u> (Small) Shinners CHAPMAN TRIDENS	NP-W	1
<u>T. grandiflorus</u> (Vasey) Woot. & Standl. SHORTLEAF TRIDENS, Large-flowered T.	NP-W	78910
<u>T. muticus</u> (Torr.) Nash var. <u>muticus</u> SLIM TRIDENS	NP-W	5678910
var. <u>elongatus</u> (Buckl.) Shinners ROUGH TRIDENS	NP-W	3 5 78910
<u>T. nealleyi</u> (Vasey) Woot. & Standl. NEALLEY TRIDENS	NP-W	10



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<u>T. pulchellus</u> (H.B.K.) Hitchc.	FLUFFGRASS	NP-W	78910
<u>T. strictus</u> (Nutt.) Nash	LONGSPIKE TRIDENS	NP-W	123
<u>T. texanus</u> (S. Wats.) Nash	TEXAS TRIDENS	NP-W	67 10
<u>TRIPLASIS</u>			
<u>T. purpurea</u> (Walt.) Chapm.	PURPLE SANDGRASS	NA-W	23 6 89
<u>TRIPOGON</u>			
<u>T. spicatus</u> (Nees) Ekman	AMERICAN TRIPOGON	NP-C	7
<u>TRIPSACUM</u>			
<u>T. dactyloides</u> (L.) L.	EASTERN GAMAGRASS	NP-W	1234 78910
<u>TRISETUM</u>			
<u>T. interruptum</u> Buckl.	PRAIRIE TRISETUM	NA-C	12345 78910
<u>TRITICUM</u>			
<u>T. aestivum</u> L.	WHEAT	IA-C	2345 789
<u>UNIOLA UNIOLA</u>			
<u>U. latifolia</u> Michx.	BROADLEAF UNIOLA	NP-W	123456 8
<u>U. laxa</u> (L.) B.S.P.	SPIKE UNIOLA, Slender Spikegrass	NP-W	123
<u>U. paniculata</u> L.	SEA OATS, Beachgrass	NP-W	2
<u>U. sessiliflora</u> Poir.	LONGLEAF UNIOLA	NP-W	123
<u>VASEYOCHLOA</u>			
<u>V. multinervosa</u> (Vasey) Hitchc.	TEXASGRASS	NP-W	2 6
<u>WILLKOMMIA</u>			
<u>W. texana</u> Hitchc.	TEXAS WILLKOMMIA	NP-C	23 6
<u>ZIZANIA WILDRICE</u>			
<u>Z. aquatica</u> L. var. <u>interior</u> Fassett	ANNUAL WILDRICE	NA-C	23 6
<u>Z. texana</u> Hitchc.	TEXAS WILDRICE	NP-W	7
<u>ZIZANIOPSIS</u>			
<u>Z. miliacea</u> (Michx.) Doell. & Aschers	MARSH MILLET, Water Millet, Giant Cutgrass	NP-W	1234 67

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SPRANGLETOP	12	Texas Fingergrass	8
SPRAWLING PANICUM	16	TEXAS GRAMA	6
Spreading Brome	7	TEXASGRASS	23
SPREADING LOVEGRASS	9	Texas Millet	17
Spreading Witchgrass	15	TEXAS MUHLY	14
SPRINGFIELD BLUESTEM	4	Texas Needlegrass	21
SPRUCETOP GRAMA	6	TEXAS PANICUM	17
SQUIRREL FESCUE	11	TEXAS PASPALUM	18
Squirrel-tail Grass	12	TEXAS SALTGRASS	8
STALKED BURGRASS	22	Texas Timothy	13
STARVED PANICUM	15	Texas Trichachne	22
STIFF PASPALUM	18	TEXAS TRIDENS	23
STIFFGRASS	19	TEXAS WEDGESCALE	20
STIFFLEAF CHLORIS	7	TEXAS WILDRICE	23
STINKGRASS	9	TEXAS WILDRYE	9
<i>Stout Lovegrass</i>	9	TEXAS WILLKOMMIA	23
STOUT WOODREED	8	TEXAS WINDMILLGRASS	7
Strict Wildrye	9	TEXAS WINTERGRASS	21
Strong-scented Lovegrass	9	Ticklegrass	3
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SUGARCANE PLUMEGRASS	10	Tiny Lovegrass	9
SWALLEN LOVEGRASS	10	THIN PASPALUM	18
SWALLEN CURLYMESQUITE	11	Thingrass	3
Sweet Woodgrass	8	THREEAWN	5
SWITCHGRASS	17	THREEFLOWER MELIC	13
Sylvan Speargrass	19	THUROW PANICUM	17
		TRICHLORIS	22
		TRIDENS	22
		TRINIUS THREEAWN	5
		TOBOSA	11
		TORPEDOGRASS	16
		TROPIC SPRANGLETOP	12
		TUMBLE LOVEGRASS	10
		TUMBLE WINDMILLGRASS	7
		TUMBLEGRASS	19
		Turkeyfoot	4
		TWOFLOWER TRICHLORIS	22
		TWOFLOWERED MELIC	13
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		UNIOLA	23
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TALL DROPSEED	21		
TALL FESCUE	11		
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Tall Grama	6		
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Tall Melic	13		
Tall Redtop	22		
TALL SWAMP PANICUM	17		
TALQUEZAL	18		
TANGLEHEAD	11		
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Tennessee Panicum	16		
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VELVETGRASS	11	WOOLYSHEATH THREEAWN	5
VELVET PANICUM	17	WOOLSPIKE BALSAMSCALE	9
VINE-MESQUITE	16	WOOTON THREEAWN	5
VIOLET CRABGRASS	8	WRIGHT THREEAWN	5
Virginia Cutgrass	12	Wright Tripleawn Grass	5
VIRGINIA WILDRYE	9	WRINKLED JOINTGRASS	13
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