

GRASSES AND LEGUMES

Gramineae

CRESTED FAIRWAY WHEATGRASS (*Agropyron cristatum* (L.) Gaertn.)

Stage of examination	UPOV Character Number #	Character description
<u>PRIMARY</u>		
In the second year four weeks after spring growth has started	-	plant: growth habit
	-	leaf: colour
At inflorescence emergence	-	time of inflorescence emergence
	-	inflorescence: length of spike
Just before maturity	-	plant: height
	-	stem: pubescence
	-	leaf: attitude
	-	leaf: length
	-	leaf: width
	-	leaf: pubescence
At maturity	-	leaf: glaucosity
	-	seed: pubescence
	-	seed: size
	-	seed: shape
	-	seed: awns
<u>SECONDARY</u>		
In autumn of year of sowing	-	plant: growth habit
	-	plant: vigour
	-	plant: leafiness
	-	plant: tendency to flower
	-	leaf: attitude
	-	leaf: colour
At flowering	-	inflorescence: spikelet angle to rachis
	-	inflorescence: pubescence
	-	inflorescence: tendency for seed shattering
Seedling	-	ploidy: number

There are no UPOV Guidelines for the Conduct of Tests for Distinctness, Homogeneity and Stability for this species.

Source: CAN

STANDARD CRESTED WHEATGRASS
(*Agropyron desertorum* (Fisher ex Link) Schultes)

Stage of examination	UPOV Character number #	Character description
<u>PRIMARY</u>		
In the second year four weeks after spring growth has started	-	plant: growth habit
	-	leaf: colour
At inflorescence emergence	-	time of inflorescence emergence
	-	inflorescence: length of spike
Just before maturity	-	plant: height
	-	stem: pubescence
	-	leaf: attitude
	-	leaf: length
	-	leaf: width
	-	leaf: pubescence
At maturity	-	seed: pubescence
	-	seed: size
	-	seed: shape
	-	seed: awns
<u>SECONDARY</u>		
In autumn of year of sowing	-	plant: growth habit
	-	plant: vigour
	-	plant: leafiness
	-	plant: tendency to flower
	-	leaf: attitude
	-	leaf: colour
At flowering	-	inflorescence: spikelet angle to rachis
	-	inflorescence: pubescence
	-	inflorescence: tendency for seed shattering
Seedling	-	ploidy: number

There are no UPOV Guidelines for the Conduct of Tests for Distinctness, Homogeneity and Stability for this species.

Sources: CAN, USA

BENTGRASS, BENT
(*Agrostis canina* L., *Agrostis gigantea* Roth, *Agrostis stolonifera* L. and
Agrostis tenuis Sibth)

Stage of examination	UPOV Character number *	Character description
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PRIMARY

In autumn of year of sowing	4	leaf: colour
	5	leaf: width
At heading	8	plant: time of inflorescence emergence

SECONDARY

In autumn of year of sowing	2	plant: growth habit
	3	plant: width
	6	tendency to form flowering heads
In second year	7	time of beginning of spring growth
At heading	9	flag leaf: length
	10	flag leaf: width
At end of flowering	11	stem: length of longest stem including the inflorescence
	13	flowering head: length
Seedling	1	ploidy: number

* Reference :UPOV Guidelines for the Conduct of Tests for Distinctness, Homogeneity and Stability.
Doc No. TG/30/6 (12.10.1990)

A. canina L. spp. *canina* : Velvet Bentgrass
A. capillaris L. : Brown Top, Colonial Bentgrass
A. gigantea Roth.: Red Top
A. stolonifera L. (incl. *A. palustris*): Creeping Bentgrass

MEADOW FOXTAIL
(*Alopecurus pratensis* L.)

Stage of examination	UPOV character number #	Character description
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PRIMARY AND SECONDARY

In year of sowing	-	plant: height
	-	plant: growth habit
	-	plant: tendency to flower
	-	leaf: colour
In second year at time of inflorescence emergence	-	time of inflorescence emergence
	-	stem: length of longest stem
Within two weeks after inflorescence emergence	-	flag leaf: length
	-	flag leaf: width
	-	flag leaf: attitude
	-	inflorescence: density
	-	inflorescence: glume anthocyanin
	-	inflorescence: length
	-	leaves: distribution of foliage
At end of flowering	-	stem: length

There are no UPOV Guidelines for the Conduct of Tests for Distinctness, Homogeneity and Stability for this species.

Sources: POL, CHE, DEU

TALL OATGRASS, FALSE OATGRASS
(*Arrhenatherum elatius* (L.) P. Beauv. ex J.S. et K.B. Presl)

Stage of examination	UPOV character number #	Character description
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PRIMARY AND SECONDARY

In summer of year of sowing	-	plant: growth habit
	-	plant: natural height
	-	leaf: length
	-	leaf: width
	-	leaf: colour
In year of sowing	-	plant: tendency for form inflorescences
In second year just before heading	-	leaf: colour
At heading when inflorescence is fully expanded	-	time of inflorescence emergence
	-	stem: length of longest stem
	-	flag leaf: length
	-	flag leaf: width
	-	inflorescence: length
	-	plant: growth habit

There are no UPOV Guidelines for the Conduct of Tests for Distinctness, Homogeneity and Stability for this species.

Sources: CZE, DEU

MEADOW BROMEGRASS
(*Bromus biebersteinii* (Roem et Schult.))

Stage of examination	UPOV Character Number #	Character description
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PRIMARY

In the second year four weeks after spring growth has started	-	plant: growth habit
	-	leaf: colour
At inflorescence emergence	-	time of inflorescence emergence
Just before maturity	-	plant: height
	-	leaf: canopy
	-	leaf: length
	-	leaf: width
	-	inflorescence: panicle length

SECONDARY

In the autumn of the year of sowing	-	plant: vigour
	-	plant: growth habit
	-	plant: leafiness
	-	plant: tendency to flower
	-	leaf: colour
	-	leaf: attitude
	-	leaf: pubescence

There are no UPOV Guidelines for the Conduct of Tests for Distinctness, Homogeneity and Stability for this species.

Source: CAN

CALIFORNIA BROME
(*Bromus carinatus* Hook. et Arn.)

Stage of examination	UPOV Character number #	Character description
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PRIMARY

In the second year four weeks after spring growth has started	-	plant: growth habit
	-	leaf: colour
At inflorescence emergence	-	time of inflorescence emergence
Just before maturity	-	plant: height
	-	leaf: canopy
	-	leaf: length
	-	leaf: width
	-	inflorescence: panicle length

SECONDARY

In the autumn of the year of sowing	-	plant: vigour
	-	plant: growth habit
	-	plant: leafiness
	-	plant: tendency to flower
	-	leaf: colour
	-	leaf: attitude
	-	leaf: pubescence

There are no UPOV Guidelines for the Conduct of Tests for Distinctness, Homogeneity and Stability for this species.

Source: CAN

RESCUE GRASS, PRAIRIE GRASS
(*Bromus catharticus* Vahl)

Stage of examination	UPOV Character number #	Character description
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PRIMARY

In second year at time of flowering	-	plant: growth habit
	-	plant: height (length of longest stem including fully expanded inflorescence)
	-	plant: basal anthocyanin
	-	plant: tiller diameter (taken above first node)
	-	plant: tiller density
	-	plant: blistering
	-	plant: length of uppermost internode
	-	leaf: length of longest leaf
	-	leaf: width of longest leaf
	-	leaf: colour
	-	flag leaf: length
	-	flag leaf: width
	-	flag leaf: attitude
	-	flag leaf: pubescence
	-	flower: tendency to flower

SECONDARY

In second year at time of flowering	-	time of inflorescence emergence
	-	panicle: length
	-	panicle: attitude
	-	panicle: number per plant
	-	panicle: shape
	-	panicle: density
	-	panicle: glume anthocyanin
	-	spikelet: number per panicle
	-	spikelet: length
	-	spikelet: number of florets
	-	spikelet: awn length
	-	spikelet: shape
	-	spikelet: anther colour

continued/

RESCUE GRASS, PRAIRIE GRASS

(continued)

(*Bromus catharticus* Vahl)

Stage of examination	UPOV Character number #	Character description
	-	leaf: distribution of main foliage relative to height of plant
Seed	-	seed: 1000 seed weight
	-	seed: pubescence of lemma
	-	seed: dentation of palea
Seedling	-	coleoptile: anthocyanin
	-	ploidy: number

There are no UPOV Guidelines for the Conduct of Tests for Distinctness, Homogeneity and Stability for this species.

Sources: POL, NZL, FRA

SMOOTH BROME
(*Bromus inermis* Leysser)

Stage of examination	UPOV Character number #	Character description
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PRIMARY

In second year at time of flowering	-	plant: growth habit
	-	plant: height (length of longest stem including fully expanded inflorescence)
	-	plant: basal anthocyanin
	-	plant: tiller diameter (taken above first node)
	-	plant: tiller density
	-	plant: blistering
	-	plant: length of uppermost internode
	-	leaf: length of longest leaf
	-	leaf: width of longest leaf
	-	leaf: colour
	-	flag leaf: length
	-	flag leaf: width
	-	flag leaf: attitude
	-	flag leaf: pubescence
	-	flower: tendency to flower

SECONDARY

In second year at time of flowering	-	time of inflorescence emergence
	-	panicle: length
	-	panicle: attitude
	-	panicle: number per plant
	-	panicle: shape
	-	panicle: density
	-	panicle: glume anthocyanin
	-	spikelet: number per panicle
	-	spikelet: length
	-	spikelet: number of florets
	-	spikelet: awn length
	-	spikelet: shape
	-	spikelet: anther colour

continued/

SMOOTH BROME
(continued)
(*Bromus inermis* Leysser)

Stage of examination	UPOV Character number #	Character description
	-	leaf: distribution of main foliage relative to height of plant
Seed	-	seed: 1000 seed weight
	-	seed: pubescence of lemma
	-	seed: dentation of palea
Seedling	-	coleoptile: anthocyanin
	-	ploidy: number

There are no UPOV Guidelines for the Conduct of Tests for Distinctness, Homogeneity and Stability for this species.

Sources: HUN, NZL, CAN, SWE, USA
Also called Smooth Bromegrass.

ALASKA BROME
(*Bromus sitchensis* Trin.)

Stage of examination	UPOV character number #	Character description
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PRIMARY

In second year at time of flowering	-	plant: growth habit
	-	plant: height (length of longest stem including fully expanded inflorescence)
	-	plant: basal anthocyanin
	-	plant: tiller diameter (taken above first node)
	-	plant: tiller density
	-	plant: blistering
	-	plant: length of uppermost internode
	-	leaf: length of longest leaf
	-	leaf: width of longest leaf
	-	leaf: colour
	-	flag leaf: length
	-	flag leaf: width
	-	flag leaf: attitude
	-	flag leaf: pubescence
	-	flower: tendency to flower

SECONDARY

In second year at time of flowering	-	time of inflorescence emergence
	-	panicle: length
	-	panicle: attitude
	-	panicle: number per plant
	-	panicle: shape
	-	panicle: density
	-	panicle: glume anthocyanin
	-	spikelet: number per panicle
	-	spikelet: length
	-	spikelet: number of florets
	-	spikelet: awn length
	-	spikelet: shape
	-	spikelet: anther colour

continued/

ALASKA BROME
(continued)
(*Bromus sitchensis* Trin.)

Stage of examination	UPOV character number #	Character description
	-	leaf: distribution of main foliage relative to height of plant
Seed	-	seed: 1000 seed weight
	-	seed: pubescence of lemma
	-	seed: dentation of palea
Seedling	-	coleoptile: anthocyanin
	-	ploidy: number

There are no UPOV Guidelines for the Conduct of Tests for Distinctness, Homogeneity and Stability for this species.

Source: NZL
Also known as Upland Brome (NZL)

SOUTHERN BROME
(*Bromus stamineus* Desv.)

Stage of examination	UPOV character number #	Character description
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PRIMARY

In second year at time of flowering	-	plant: growth habit
	-	plant: height (length of longest stem including fully expanded inflorescence)
	-	plant: basal anthocyanin
	-	plant: tiller diameter (taken above first node)
	-	plant: tiller density
	-	plant: blistering
	-	plant: length of uppermost internode
	-	leaf: length of longest leaf
	-	leaf: width of longest leaf
	-	leaf: colour
	-	flag leaf: length
	-	flag leaf: width
	-	flag leaf: attitude
	-	flag leaf: pubescence
	-	flower: tendency to flower

SECONDARY

In second year at time of flowering	-	time of inflorescence emergence
	-	panicle: length
	-	panicle: attitude
	-	panicle: number per plant
	-	panicle: shape
	-	panicle: density
	-	panicle: glume anthocyanin
	-	spikelet: number per panicle
	-	spikelet: length
	-	spikelet: number of florets
	-	spikelet: awn length
	-	spikelet: shape
	-	spikelet: anther colour

continued/

SOUTHERN BROME
(continued)
(*Bromus stamineus* Desv.)

Stage of examination	UPOV character number #	Character description
	-	leaf: distribution of main foliage relative to height of plant
Seed	-	seed: 1000 seed weight
	-	seed: pubescence of lemma
	-	seed: dentation of palea
Seedling	-	coleoptile: anthocyanin
	-	ploidy: number

There are no UPOV Guidelines for the Conduct of Tests for Distinctness, Homogeneity and Stability for this species.

Source: NZL
Also known as Grazing Brome (NZL)

BLUE BUFFALO GRASS
(*Cenchrus ciliaris* L.)

Stage of examination	UPOV character number #	Character description
<u>PRIMARY</u>		
At beginning of inflorescence emergence	-	time of inflorescence emergence (50% of plants with 3 inflorescences each)
	-	plant: height
	-	plant: growth habit
	-	plant: stolons
	-	plant: rhizomes
At full flowering	-	leaf: colour
	-	culm: length of longest culm (including inflorescence)
	-	leaf: length of first leaf below the flag leaf
	-	leaf: width
	-	inflorescence: length
<u>SECONDARY</u>		
At beginning of inflorescence emergence	-	plant: density of foliage
At full flowering	-	culm: growth habit of lowest internode
	-	culm: geniculated
	-	culm: branching
	-	culm: position of branching
	-	culm: rooting at nodes
	-	culm: shape of internodes
	-	culm: anthocyanin colouration of nodes
	-	culm: anthocyanin colouration of internodes
	-	culm: anthocyanin colouration of basal sheath
	-	culm: length of sheath relative to length of internode
	-	leaf: anthocyanin colouration
-	leaf: pubescence	
-	leaf: shape in cross-section	

continued/

BLUE BUFFALO GRASS

(continued)

(*Cenchrus ciliaris* L.)

Stage of examination	UPOV Character number #	Character description
	-	flag leaf: attitude
	-	flag leaf: length
	-	flag leaf: width
	-	inflorescence: length of peduncle
	-	inflorescence: anthocyanin colouration
	-	inflorescence: involucre bristles

There are no UPOV Guidelines for the Conduct of Tests for Distinctness, Homogeneity and Stability for this species.

Source: ZAF

Also classified as *Pennisetum ciliare* (L.) Link

CRESTED DOGSTAIL
(*Cynosurus cristatus* L.)

Stage of examination	UPOV Character Number #	Character description
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PRIMARY AND SECONDARY

Vegetative	-	plant: growth habit
	-	plant: tiller density
	-	plant: natural height
	-	leaf: colour
	-	leaf: width
	-	leaf: length
At heading	-	plant: growth habit
	-	plant: culm height
	-	plant: stem nodal anthocyanin
	-	flag leaf: length
	-	flag leaf: width
	-	time of inflorescence emergence
	-	inflorescence: length

There are no UPOV Guidelines for the Conduct of Tests for Distinctness, Homogeneity and Stability for this species.
Sources: CZE, NZL

COCKSFOOT, ORCHARD GRASS
(*Dactylis glomerata* L.)

Stage of examination	UPOV Character Number *	Character description
<u>PRIMARY</u>		
At flowering in second year	6	plant: time of inflorescence emergence
	7	plant: growth habit
	8	flag leaf: length (flag leaf on representative stem within 2 weeks after inflorescence emergence)
	9	flag leaf: width (same flag leaf as that used for 8)
	12	inflorescence: length (when fully expanded)
<u>SECONDARY</u>		
In autumn of year of sowing	2	leaf: colour
	3	leaf: width (to be assessed visually)
	4	plant: growth habit
	5	plant: tendency to flower
	10	stem: length of longest stem
	11	stem: length of upper internode
Seedling	13	leaf: silicate teeth
	1	ploidy: number

* Reference :UPOV Guidelines for the Conduct of Tests for Distinctness, Homogeneity and Stability.
Doc No. TG/31/6 (7.11.1984)

RUSSIAN WILD RYE
(*Elymus junceus* Fischer)

Stage of examination	UPOV character number #	Character description
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PRIMARY

In the second year four weeks after spring growth has started	-	plant: growth habit
	-	leaf: colour
At flowering	-	time of inflorescence emergence
	-	leaf: attitude
	-	spike: length
At full flowering	-	plant: height
	-	leaf: length
	-	leaf: width
Seed	-	seed: 1000 seed weight

SECONDARY

In autumn of year of sowing	-	plant: growth habit
	-	plant: tendency to flower
	-	leaf: colour

There are no UPOV Guidelines for the Conduct of Tests for Distinctness, Homogeneity and Stability for this species.

Sources: CAN, USA

E. junceus is also known as Russian Wild Ryegrass

NORTHERN WHEATGRASS, STEAMBANK WHEATGRASS
(*Elymus lanceolatus* (Scribner & J.G. Sm.) Gould)

Stage of examination	UPOV Character number #	Character description	
<u>PRIMARY</u>			
In the second year four weeks after spring growth has started	-	plant: growth habit	
	-	leaf: colour	
At inflorescence emergence	-	time of inflorescence emergence	
	-	inflorescence: length of spike	
Just before maturity	-	plant: height	
	-	stem: pubescence	
	-	leaf: attitude	
	-	leaf: length	
	-	leaf: width	
	-	leaf: pubescence	
At maturity	-	leaf: glaucosity	
	-	seed: pubescence	
	-	seed: size	
	-	seed: shape	
	-	seed: awns	
	<u>SECONDARY</u>		
	In autumn of year of sowing	-	plant: growth habit
		-	plant: vigour
-		plant: leafiness	
-		plant: tendency to flower	
	-	leaf: attitude	
	-	leaf: colour	
At flowering	-	inflorescence: spikelet angle to rachis	
	-	inflorescence: pubescence	
	-	inflorescence: tendency for seed shattering	
Seedling	-	ploidy: number	

There are no UPOV Guidelines for the Conduct of Tests for Distinctness, Homogeneity and stability for this species.

Source: CAN

Also known as «**Thickspike Wheatgrass**» (USA).

Formerly classified as *Agropyron dasystachyum* and *Agropyron riparium*

SLENDER WHEATGRASS
(*Elymus trachycaulus* (Link) Gould ex Shinnery)

Stage of examination	UPOV Character number #	Character description
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PRIMARY

In the second year four weeks after spring growth has started	-	plant: growth habit
	-	leaf: colour
At inflorescence emergence	-	time of inflorescence emergence
	-	inflorescence: length of spike
Just before maturity	-	plant: height
	-	stem: pubescence
	-	leaf: attitude
	-	leaf: length
	-	leaf: width
	-	leaf: pubescence
At maturity	-	leaf: glaucosity
	-	seed: pubescence
	-	seed: size
	-	seed: shape
	-	seed: awns

SECONDARY

In autumn of year of sowing	-	plant: growth habit
	-	plant: vigour
	-	plant: leafiness
	-	plant: tendency to flower
	-	leaf: attitude
	-	leaf: colour
At flowering	-	inflorescence: spikelet angle to rachis
	-	inflorescence: pubescence
	-	inflorescence: tendency for seed shattering
Seedling	-	ploidy: number

There are no UPOV Guidelines for the Conduct of Tests for Distinctness, Homogeneity and Stability for this species. Sources: CAN, USA
Formerly classified as *Agropyron trachycaulum*

TALL WHEATGRASS
(*Elytrigia elongata* (Host) Nevski)

Stage of examination	UPOV Character number #	Character description
<u>PRIMARY</u>		
In the second year four weeks after spring growth has started	-	plant: growth habit
	-	leaf: colour
At inflorescence emergence	-	time of inflorescence emergence
	-	inflorescence: length of spike
Just before maturity	-	plant: height
	-	stem: pubescence
	-	leaf: attitude
	-	leaf: length
	-	leaf: width
	-	leaf: pubescence
At maturity	-	leaf: glaucosity
	-	seed: pubescence
	-	seed: size
	-	seed: shape
	-	seed: awns
<u>SECONDARY</u>		
In autumn of year of sowing	-	plant: growth habit
	-	plant: vigour
	-	plant: leafiness
	-	plant: tendency to flower
	-	leaf: attitude
	-	leaf: colour
At flowering	-	inflorescence: spikelet angle to rachis
	-	inflorescence: pubescence
	-	inflorescence: tendency for seed shattering
Seedling	-	ploidy: number

There are no UPOV Guidelines for the Conduct of Tests for Distinctness, Homogeneity and Stability for this species.

Source: CAN

Also classified as *Agropyron elongatum*

INTERMEDIATE WHEATGRASS, PUBESCENT WHEATGRASS
(*Elytrigia intermedia* (Host) Nevski)

Stage of examination	UPOV Character number #	Character description
<u>PRIMARY</u>		
In the second year four weeks after spring growth has started	-	plant: growth habit
	-	leaf: colour
At inflorescence emergence	-	time of inflorescence emergence
	-	inflorescence: length of spike
Just before maturity	-	plant: height
	-	stem: pubescence
	-	leaf: attitude
	-	leaf: length
	-	leaf: width
	-	leaf: pubescence
At maturity	-	leaf: glaucosity
	-	seed: pubescence
	-	seed: size
	-	seed: shape
	-	seed: awns
<u>SECONDARY</u>		
In autumn of year of sowing	-	plant: growth habit
	-	plant: vigour
	-	plant: leafiness
	-	plant: tendency to flower
	-	leaf: attitude
	-	leaf: colour
At flowering	-	inflorescence: spikelet angle to rachis
	-	inflorescence: pubescence
	-	inflorescence: tendency for seed shattering
Seedling	-	ploidy: number

There are no UPOV Guidelines for the Conduct of Tests for Distinctness, Homogeneity and Stability for this species. Source: CAN
Formerly classified as *Agropyron intermedium* and *Agropyron trichophorum*

WEEPING LOVEGRASS, AFRICAN LOVEGRASS
(*Eragrostis curvula* (Schrader) Nees)

Stage of examination	UPOV character number #	Character description
<u>PRIMARY</u>		
At the beginning of flower emergence	-	time of inflorescence emergence
	-	plant: height
	-	plant: growth habit
At full flowering	-	leaf: length
	-	leaf: width
	-	leaf: colour
	-	culm: length
	-	inflorescence: length
	-	inflorescence: density
<u>SECONDARY</u>		
At full flowering verticil	-	foliage: density
	-	leaf: anthocyanin colouration
	-	leaf: pubescence on upper side
	-	leaf: pubescence on lower side
	-	leaf: curling of apex
	-	culm: branching above ground level
	-	culm: anthocyanin colouration at nodes
	-	culm: length of uppermost internode
	-	inflorescence: length of second lowest primary branch
	-	inflorescence: anthocyanin colouration on main axis at lowest
	-	inflorescence: number of primary branches
	-	inflorescence: lowest primary branches arranged in whorl
	-	inflorescence: glands in or near axils of primary branches
-	inflorescence: pubescence of primary branches	

There are no UPOV Guidelines for the Conduct of Tests for Distinctness, Homogeneity and Stability for this species.

Source: ZAF

MEADOW FESCUE, TALL FESCUE
(*Festuca pratensis* Hudson and *Festuca arundinacea* Schreber)

Stage of examination	UPOV character number *	Character description
<u>PRIMARY</u>		
In second year at inflorescence	6	plant: time of inflorescence emergence
	7	plant: growth habit
	8	plant: natural height
Within two weeks after inflorescence	9	flag leaf: length (on representative stem)
	10	flag leaf: width (same flag leaf as that used for 9)
<u>SECONDARY</u>		
In autumn of year of sowing	2	leaf: colour
	3	leaf: width
	4	plant: growth habit
In year of sowing	11	stem: length of longest stem (inflorescence included when fully expanded)
	12	stem: length of upper internode
	13	inflorescence: length (when fully expanded)
Seedling	1	ploidy: number

* Reference :UPOV Guidelines for the Conduct of Tests for Distinctness, Homogeneity and Stability.
Doc No. TG/39/6 (7.11.1984)

SHADE FESCUE
(*Festuca heterophylla* Lam.)

Stage of examination	UPOV Character Number #	Character description
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PRIMARY

In second year at time of heading	-	plant: growth habit
	-	leaf: colour
	-	time of inflorescence emergence

SECONDARY

In second year at time of heading	-	leaf: length
	-	leaf: width
	-	inflorescence: length
	-	inflorescence: density
	-	inflorescence: glume anthocyanin
	-	flag leaf: attitude
	-	leaves: distribution of main foliage relative to the height of the plant

There are no UPOV Guidelines for the Conduct of Tests for Distinctness, Homogeneity and Stability for this species.

Source: POL

SHEEP'S FESCUE
(*Festuca ovina* L. sensu lato)

Stage of examination	UPOV Character Number *	Character description
<u>PRIMARY</u>		
In second year at time heading	4	plant: rhizomes
	9	plant: time of heading
	10	flag leaf: length
At the end of flowering	12	stem: length of longest stem including flower head
	13	flowering head: length of flowering head on longest stem
<u>SECONDARY</u>		
In summer of year of sowing	2	leaf sheath: anthocyanin colour
	3	leaf blade: folding
In autumn of year of sowing	5	plant: growth habit
	6	leaf: width
	7	leaf: colour
	8	leaf: glaucosity
Seedling	1	ploidy: number

* Reference :UPOV Guidelines for the Conduct of Tests for Distinctness, Homogeneity and Stability.
Doc No. TG/67/4 (12.11.1980)

Festuca ovina L. sensu lato includes the following species:

Festuca tenuifolia, *Fineleaved Fescue*

Festuca duruiscula, *Hard Fescue*

RED FESCUE
(*Festuca rubra* L.)

Stage of examination	UPOV Character Number *	Character description
<u>PRIMARY</u>		
In second year at time of heading	4	plant: rhizomes
	9	plant: time of inflorescence emergence
	10	flag leaf: length
	11	flag leaf: width
In second year at end of flowering	14	awns: absent or present
	12	stem: length of longest stem including flower head
	13	flowering head: length on longest stem
At maturity	15	lemma: hairiness
<u>SECONDARY</u>		
In summer of year of sowing	2	leaf sheath: anthocyanin colour
	3	leaf blade: folding
In autumn of year of sowing	5	plant: growth habit
	6	leaf: width
	7	leaf: colour
	8	leaf: glaucosity
Seedling	1	ploidy: number

* Reference: UPOV Guidelines for the Conduct of Tests for Distinctness, Homogeneity and Stability. Doc. No. TG/67/4 (12.11.1980)

Festuca rubra L. includes Chewings Fescue and Creeping Red Fescue.

YORKSHIRE FOG
(*Holcus lanatus* L.)

Stage of examination	UPOV Character number #	Character description
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PRIMARY AND SECONDARY

Vegetative	-	plant: growth habit
	-	leaf: colour
At heading	-	plant: growth habit
	-	plant: natural height
	-	time of inflorescence emergence
	-	leaf sheath: hairiness
	-	leaf sheath: anthocyanin stripes
	-	inflorescence: length when closed
	-	inflorescence: colour of anther
-	inflorescence: anthocyanin present or absent	

There are no UPOV Guidelines for the Conduct of Tests for Distinctness, Homogeneity and Stability for this species.

Source: NZL

CRESTED HAIRGRASS
(*Koeleria macrantha* (Ledeb.) Schultes)

Stage of examination	UPOV Character number #	Character description
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PRIMARY AND SECONDARY

Vegetative	-	plant: growth habit
	-	leaf: colour
	-	leaf: length
	-	leaf: width
	-	leaf: hairiness
At flowering	-	plant: growth habit
	-	plant: height
	-	time of inflorescence emergence
	-	flag leaf: length
	-	flag leaf: width
	-	inflorescence: length

There are no UPOV Guidelines for the Conduct of Tests for Distinctness, Homogeneity and Stability for this species.

Sources: NZL, USA

PERENNIAL RYEGRASS, ITALIAN RYEGRASS, HYBRID RYEGRASS
(*Lolium perenne* L., *Lolium multiflorum* Lam. and *Lolium x boucheanum* Kunth)

Stage of examination	UPOV character number *	Character description
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PRIMARY

At beginning of inflorescence	5	leaf: colour
	6	plant: growth habit in spring
	9	plant: natural height
	10	flag leaf: length
	11	flag leaf: width
	12	stem: length of longest stem including inflorescence

SECONDARY

At time of inflorescence emergence in year of sowing	4	plant: time of inflorescence emergence
	13	inflorescence: length
Seedling	1	ploidy: number

* Reference :UPOV Guidelines for the Conduct of Tests for Distinctness, Homogeneity and Stability.
Doc No. TG/4/7 (12.10.1990)

Lolium x boucheanum Kunth is also classified as *Lolium x hybridum* Hausskn.

COMMON MILLET
(*Panicum miliaceum* L.)

Stage of examination	UPOV Character number #	Character description
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PRIMARY AND SECONDARY

Vegetative	-	plant: growth habit
At flowering	-	stem: length
	-	stem: colour
	-	leaf: colour
	-	panicle: density
	-	time of flowering (50% of plants with flowers open)
Seed	-	seed: colour

There are no UPOV Guidelines for the Conduct of Tests for Distinctness, Homogeneity and Stability for this species.

Sources: HUN, USA, AUT

WESTERN WHEATGRASS
(*Pascopyrum smithii* (Rydb.) A. Love)

Stage of examination	UPOV Character number #	Character description
<u>PRIMARY</u>		
In the second year four weeks after spring growth has started	-	plant: growth habit
	-	leaf: colour
At inflorescence emergence	-	time of inflorescence emergence
	-	inflorescence: length of spike
Just before maturity	-	plant: height
	-	stem: pubescence
	-	leaf: attitude
	-	leaf: length
	-	leaf: width
	-	leaf: pubescence
At maturity	-	leaf: glaucosity
	-	seed: pubescence
	-	seed: size
	-	seed: shape
	-	seed: awns
<u>SECONDARY</u>		
In autumn of year of sowing	-	plant: growth habit
	-	plant: vigour
	-	plant: leafiness
	-	plant: tendency to flower
	-	leaf: attitude
	-	leaf: colour
At flowering	-	inflorescence: spikelet angle to rachis
	-	inflorescence: pubescence
	-	inflorescence: tendency for seed shattering
Seedling	-	ploidy: number

There are no UPOV Guidelines for the Conduct of Tests for Distinctness, Homogeneity and Stability for this species. Source: CAN
Formerly classified as *Agropyron smithii*

PHALARIS, HARDING GRASS, BULBOUS CANARY GRASS
(*Phalaris aquatica* L.)

Stage of examination	UPOV character number #	Character description
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PRIMARY AND SECONDARY

Vegetative	-	plant: growth habit
	-	plant: anthocyanin on sheaths, rhizomes
	-	leaf: colour
At heading	-	plant: time of inflorescence emergence

There are no UPOV Guidelines for the Conduct of Tests for Distinctness, Homogeneity and Stability for this species.

Source: NZL

Also classified as *Phalaris stenoptera* Hackel and *Phalaris tuberosa* L.

REED CANARYGRASS
(*Phalaris arundinacea* L.)

Stage of examination	UPOV character number #	Character description
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PRIMARY

In the second year four weeks after spring growth has started	-	plant: growth habit
	-	plant: height
	-	leaf: colour
At flowering	-	time of ear emergence
	-	panicle: length
At full flowering	-	plant: height
	-	leaf: length
	-	leaf: width
	-	inflorescence: shape
	-	inflorescence: tendency to seed shattering

SECONDARY

In the autumn of the year of sowing	-	plant: vigour
	-	plant: growth habit
	-	plant: leafiness of foliage
	-	plant: tendency to flower
	-	leaf: colour
	-	leaf: attitude

There are no UPOV Guidelines for the Conduct of Tests of Distinctness, Homogeneity and Stability for this species.

Sources: HUN, CAN, USA

TIMOTHY
(*Phleum pratense* L. and *Phleum bertolonii* DC)

Stage of examination	UPOV character number *	Character description
<u>PRIMARY</u>		
In second year before elongation.	5	plant: growth habit
In second year at inflorescence emergence	6	plant: time of inflorescence emergence
	7	flag leaf: length (flag leaf on representative stem, within 2 weeks after inflorescence emergence)
	8	flag leaf: width (same flag leaf as that used for 7)
	9	stem: length of longest stem (including fully expanded inflorescence)
	11	inflorescence: length (when fully expanded)
<u>SECONDARY</u>		
In year of sowing	2	plant: speed of inflorescence emergence
In second year before elongation	3	leaf: colour
	4	leaf: width
	5	plant: growth habit
In second year at inflorescence emergence	10	stem: length of upper internode
Seedling	1	ploidy: number

* Reference :UPOV Guidelines for the Conduct of Tests for Distinctness, Homogeneity and Stability. Doc No. TG/34/6 (7.11.1984)

BIG BLUEGRASS
(*Poa ampla* Merr.)

Stage of examination	UPOV character number #	Character description
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PRIMARY AND SECONDARY

Vegetative	-	plant: growth habit
	-	leaf: length
	-	leaf: width
	-	stem: ligule shape
At beginning of flowering	-	time of ear emergence
At maturity	-	ear: tendency for seed shattering
	-	plant: height
Seed	-	seed: size
	-	seed: 1000 seed weight

There are no UPOV Guidelines for the Conduct of Tests for Distinctness, Homogeneity and Stability for this species.

Source: USA

CANADA BLUEGRASS, FLATTENED MEADOEGRASS
(*Poa compressa* L.)

Stage of examination	UPOV character number #	Character description
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PRIMARY

In the second year three weeks after spring growth has started	-	plant: growth habit
	-	plant: presence of rhizomes
	-	stem: shape
	-	leaf: colour
	-	leaf: shape
	-	leaf sheath: presence of anthocyanin
At flowering	-	leaf sheath: pigmentation
	-	plant: height
	-	time of inflorescence emergence
	-	panicle: length
	-	panicle: colour
	-	panicle: shape
	-	glume: shape

SECONDARY

In the autumn of the year of sowing	-	plant: growth habit
	-	plant: tendency to flower
	-	leaf: colour
	-	leaf: attitude

There are no UPOV Guidelines for the Conduct of Tests for Distinctness, Homogeneity and Stability for this species.

Sources: CAN, USA

WOOD MEADOWGRASS
(*Poa nemoralis* L.)

Stage of examination	UPOV character number #	Character description
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PRIMARY AND SECONDARY

Vegetative	-	plant: growth habit
	-	leaf: colour
	-	leaf: shape
	-	plant: height of stem including panicle
At flowering	-	panicle: anthocyanin colour
	-	panicle: shape
	-	panicle: length
	-	ligule: length
	-	ligule: shape
	-	stolons: presence/absence

There are no UPOV Guidelines for the Conduct of Tests for Distinctness, Homogeneity and Stability for this species.

Sources: NLD, USA

SWAMP MEADOWGRASS, FOWL BLUEGRASS
(*Poa palustris* L.)

Stage of examination	UPOV character number #	Character description
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PRIMARY AND SECONDARY

Vegetative	-	plant: growth habit
	-	leaf: length
	-	leaf: width
	-	leaf: colour
At flowering	-	time of inflorescence emergence
	-	stem: length of longest stem (including fully expanded inflorescence)
	-	stem: length
	-	stem: anthocyanin colouration

There are no UPOV Guidelines for the Conduct of Tests for Distinctness, Homogeneity and Stability for this species.

Sources: CZE, SWE

KENTUCKY BLUEGRASS, SMOOTH-STALKED MEADOWGRASS
(*Poa pratensis* L.)

Stage of examination	UPOV character number *	Character description
<u>PRIMARY</u>		
Vegetative	1	leaf sheath: anthocyanin colouration
	3	leaf sheath: density of hairs on both sides just beneath leaf blade
	4	leaf sheath: length of hairs of ligule
	5	leaf blade: density of fringe of hairs on margin of base
	6	leaf blade: density of hairs on upper side
	In autumn of year of sowing	7
At beginning of flowering in second year	11	time of inflorescence emergence
	14	stem: length of longest stem including fully expanded inflorescence
At flowering	17	inflorescence: shape of rachis opposite lower side branches

* Reference :UPOV Guidelines for the Conduct of Tests for Distinctness, Homogeneity and Stability.
Doc No. TG/33/6 (12.10.1990)

ROUGH-STALKED MEADOWGRASS
(*Poa trivialis* L.)

Stage of examination	UPOV character number #	Character description
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PRIMARY AND SECONDARY

Vegetative	-	plant: growth habit
	-	plant: height of stem including panicle
	-	plant: presence of stolons
	-	plant: presence of rhizomes
	-	leaf: colour
	-	leaf: pubescence on upper side
	-	leaf: pubescence on lower side
	-	leaf: glossiness on upper side
	-	leaf: glossiness on lower side
	-	leaf: margin hairs
	-	flag leaf: width
	-	flag leaf: length
	-	flag leaf: attitude
	-	leaf sheath: hairs on margin
	-	leaf sheath: hairs on surface
	-	leaf sheath: glaucosity
	-	leaf sheath: presence of keel
-	ligule: length	
-	ligule: shape	
At flowering	-	date of inflorescence emergence
	-	panicle: shape
	-	panicle: length
	-	panicle: habit
	-	panicle: anthocyanin colouration
-	anther: colour	
Seed	-	seed: 1000 seed weight

There are no UPOV Guidelines for the Conduct of Tests for Distinctness, Homogeneity and Stability for this species.

Sources: NLD, USA

BEARDLESS WHEATGRASS
(*Pseudoroegneria spicata* (Pursh) A Love)

Stage of examination	UPOV Character Number #	Character description
<u>PRIMARY</u>		
In the second year four weeks after spring growth has started	-	plant: growth habit
	-	leaf: colour
At inflorescence emergence	-	time of inflorescence emergence
	-	inflorescence: length of spike
Just before maturity	-	plant: height
	-	stem: pubescence
	-	leaf: attitude
	-	leaf: length
	-	leaf: width
	-	leaf: pubescence
At maturity	-	leaf: glaucosity
	-	seed: pubescence
	-	seed: size
	-	seed: shape
	-	seed: awns
<u>SECONDARY</u>		
In autumn of year of sowing	-	plant: growth habit
	-	plant: vigour
	-	plant: leafiness
	-	plant: tendency to flower
	-	leaf: attitude
	-	leaf: colour
At flowering	-	inflorescence: spikelet angle to rachis
	-	inflorescence: pubescence
	-	inflorescence: tendency for seed shattering
Seedling	-	ploidy: number

There are no UPOV Guidelines for the Conduct of Tests for Distinctness, Homogeneity and Stability for this species.

Source: CAN

Formerly classified as *Agropyron inerme*

FOXTAIL MILLET
(*Setaria italica* (L.) Beauv)

Stage of examination	UPOV character number #	Character description
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PRIMARY AND SECONDARY

Vegetative	-	plant: growth habit
	-	plant: height
	-	stem: thickness
	-	stem: leafiness of foliage
	-	leaf: length
At flowering	-	inflorescence: anthocyanin colouration
	-	inflorescence: length of inflorescence
	-	inflorescence: shape of inflorescence
	-	date of inflorescence emergence
	-	stem: thickness
At maturity	-	inflorescence: attitude of head to stem
Seed	-	seed: size
	-	seed: shape of base
	-	seed: purple colouration
	-	seed: 1000 seed weight

There are no UPOV Guidelines for the Conduct of Tests for Distinctness, Homogeneity and Stability for this species.

Source: USA

GOLDEN OATGRASS
(*Trisetum flavescens* (L.) P. Beauv.)

Stage of examination	UPOV character number #	Character description
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PRIMARY AND SECONDARY

In summer of year of sowing	-	plant: growth habit
	-	plant: natural height
	-	leaf: length
	-	leaf: width
	-	leaf: colour
In year of sowing	-	plant: tendency to form inflorescences
In second year just before heading	-	leaf: colour
At heading when inflorescence is fully expanded	-	time of inflorescence emergence
	-	plant: growth habit
	-	stem: length of longest culm
	-	flag leaf: length
	-	flag leaf: width
	-	inflorescence: length

There are no UPOV Guidelines for the Conduct of Tests for Distinctness, Homogeneity and Stability for this species.

Sources: CZE, DEU