

# CODEX ALIMENTARIUS COMMISSION



Food and Agriculture  
Organization of the  
United Nations



World Health  
Organization

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**Agenda Item 7(a)**

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**JOINT FAO/WHO FOOD STANDARDS PROGRAMME**  
**CODEX COMMITTEE ON PESTICIDE RESIDUES**

**51<sup>st</sup> Session**

**Macao SAR, P.R. China, 8-13 April 2019**

**REVISION OF THE CLASSIFICATION OF FOOD AND FEED:**  
**CLASS C: PRIMARY ANIMAL FEED COMMODITIES**

**(AT STEP 4)**

**(Prepared by the Electronic Working Group chaired by the United States of America  
and co-chaired by the Netherlands)**

**APPENDIX I****CLASS C – PRIMARY FEED COMMODITIES  
TYPE 11 – PRIMARY FEED COMMODITIES OF PLANT ORIGIN**

Type	No.	Group	Group Letter Code
11 Primary feed commodities of plant origin			
	050	Legume feed products	
		Subgroup 050A: Products with high water content (forage) ( $\geq 20\%$ )	AL
		Subgroup 050B: Products with low water content (hay) ( $< 20\%$ )	AL
		Subgroup 050C: Processed products (such as silage, meal, hulls)	AL
	051	Cereal grains and grasses (including pseudocereals) feed products	
		Subgroup 051A: Cereal grain products with high water content (forage) ( $\geq 20\%$ )	AF
		Subgroup 051B: Cereal grain products with low water content (hay, straw) ( $< 20\%$ )	AS
		Subgroup 051C: Cereal grains and grasses (including pseudocereals) processed products (such as silage, bran, hulls)	AS
		To create? Subgroup 051D: Cool Season Grasses (see Appendix II)	AS
		To create? Subgroup 051E: Warm Season Grasses (see Appendix II)	AS
	052	Miscellaneous feed products	
		Subgroup 052A: Products with high water content (forage, beets, tops) ( $\geq 20\%$ )	AV
		Subgroup 052B: Products with low water content (hay) ( $< 20\%$ )	AM
		Subgroup 052C: processed products (such as meal, hulls, dried pulps, molasses)	AM

**Commented [WPB1]:** Proposed by the EU to distinguish between high and low water content.

**Commented [WPB2]:** Separate subgroups for grasses proposed by Canada, supported by EWG and Kenya.

Thailand proposed retaining in 051.

**CLASS C PRIMARY FEED COMMODITIES**

For the purpose of the Codex Alimentarius the term "primary feed commodity" means the product in or nearly in its natural state intended for sale to:

- (a) the stock farmer as feed which is used without further processing for livestock animals or after silaging or similar farm processes.
- (b) to the animal feed industry as a raw material for preparing compounded feeds.

**Legume feeds**

Class C

**Type 11                      Primary feed commodities of plant origin Group 050                      Group Letter Code AL**

Group 050. Legume animal feeds include various species of leguminous plants used for animal forage, grazing, hay or silage, with or without seed and processed products. Several species are grown exclusively for animal feeding purposes, whereas some others are grown primarily as food crops. The "waste" parts of the latter crops are often used as animal feed, either in the fresh form or as hay.

The entire commodity may be consumed by livestock animals.

Portion of the commodity to which the MRL applies (and which is analysed): **Whole commodity as presented for wholesale or retail distribution.**

In view of the wide range of moisture contents in most animal feeds, except straws, moving in commerce, the MRLs should preferably be set and expressed on a "dry-weight" basis.

A "dry-weight" basis implies that the commodity is analysed for pesticide residues as received, that the moisture content is determined, preferably by a standard method for use on the relevant commodity, and the residue content is then calculated as if it were wholly contained in the dry matter.

The residues are expressed on a dry-weight basis if not otherwise stated. To avoid confusion caused by the not always consistent commodity description, the "dry-weight" basis, will be indicated, if relevant, with the designation "dry-weight" after the residue figure e.g.

pea vines (green) ;                      x mg/kg dry weight  
pea hay                      ;                      x mg/kg dry weight

This group is divided into 3 subgroups:

	Code
Subgroup 050A: Products of legume feeds with high water ( $\geq 20\%$ ) content (forage)	AL
Subgroup 050B: Products of legume feeds with low water ( $< 20\%$ ) content (hay)	AL
Subgroup 050C: Processed products of legume feeds (such as silage, meal, hulls)	AL

**Group 050 Legume feed products****AL 0157 Group of Legume animal feeds**

Subgroup 050A, Products of legume feeds with high water content (forage)

**Code No. Commodity**

**AL 3300 Subgroup of Products of legume feeds with high water content (forage) (includes all commodities in this subgroup)**

**AL 1021 Alfalfa, forage**

*Medicago sativa* L., subsp. *sativa* L.

**AL 1030 Bean, forage**

*Phaseolus* spp.

**AL 3350 Bean, forage**

*Vigna* spp.

**- Bean, Adzuki, forage, see Bean, forage, AL 3350**

*Vigna angularis* (Willd.) Ohwi & H. Ohashi var. *angularis*

**AL 3351 Berlandier acacia, forage**

*Senegalia berlandieri* (Benth.) Britton & Rose

**AL 3352 Black medic, forage**

*Medicago lupulina* L.

**AL 3353 Black wattle, forage**

*Acacia mearnsii* DeWild.

**AF 3354 Brazilian stylo, forage**

*Stylosanthes guianensis* (Aubl.) Sw.

**AL 3355 Burclover, forage**

*Medicago* spp.; Burclover, California, *Medicago polymorpha* L.; Burclover, spotted, *Medicago arabica* (L.) Huds.

**- Chickling vetch, forage, see Vetch, forage, AL 1029**

**AL 0524 Chick-pea, forage**

*Cicer arietinum* L.

**AL 1023 Clover, forage**

*Trifolium* spp. and *Melilotus* spp.; Clover, alsike, *Trifolium hybridum* L.; Clover, alyce, *Alysicarpus vaginalis* (L.) DC.; Clover, arrowleaf, *Trifolium vesiculosum* Savi; Clover, ball, *Trifolium nigrescens* Viv.; Clover, Beirut, *Trifolium berytheum* Boiss. & Blanche; Clover, berseem, *Trifolium alexandrinum* L.; Clover, bigflower, *Trifolium michelianum* Savi; Clover, clustrer, *Trifolium glomeratum* L.; Clover, crimson, *Trifolium incarnatum* L.; Clover, Egyptian, *Trifolium alexandrinum* L.; Clover, hop, *Trifolium campestre* Schreb.; Clover, Kura, *Trifolium arbiguum* M. Bieb.; Clover, lappa, *Trifolium lappaceum* L.; Clover, large hop, *Trifolium aureum* Pollich; Clover, Persian, *Trifolium resupinatum* L.; Clover, red, *Trifolium pratense* L.; Clover, rose, *Trifolium hirtum* All.; Clover, Rueppell's, *Trifolium rueppellianum* Fresen.; Clover, sea, *Trifolium squamosum* L.; Clover seaside, *Trifolium wormskioldii* Lehm.; Clover, small hop, *Trifolium dubium* Sibth.; Clover, sour, *Melilotus indicus* (L.) All.; Clover, strawberry, *Trifolium fragiferum* L.; Clover striate, *Trifolium striatum* L.; Clover sub, *Trifolium subterraneum* L.; Clover, tall yellow sweet, *Melilotus altissimus* Thuill.; Clover, tomcat, *Trifolium willdenovii* Spreng.; Clover, white, *Trifolium repens* L.; Clover, white sweet, *Melilotus albus* Medik.; Clover, whitetip, *Trifolium variegatum* Nutt.; Clover, yellow sweet, *Melilotus officinalis* Lam.; Clover, zigzag, *Trifolium medium* L.; Spärklöver, *Trifolium squarrosum* L.

**AL 3356 Cowpea, forage**

*Vigna unguiculata* (L.) Walp.

Commented [WPB3]: Addition proposed by Australia

Commented [WPB4]: Addition proposed by Thailand

- **Grass pea, forage**, see Vetch, forage, AL 1029
- AL 3357 **Horse bean, forage**  
*Vicia faba* L. var. *equina* St.-Amans
- AL 3358 **Huisache, forage**  
*Vachellia farnesiana* (L.) Wight & Arn.
- AL 1024 **Kudzu, forage**  
*Pueraria montana* (Lour.) Merr. var. *lobata* (Willd.) Maesen & S. M. Almeida ex Sanjappa & Predeep
- **Kudzu, Tropical, forage**, see Kudzu, forage, AL 1024  
*Neustanthus phaseoloides* (Roxb.) Benth.
- AL 3359 **Leadplant, forage**  
*Amorpha canescens* Pursh
- AL XXXX **Lentil**  
*Lens culinaris* Medik. subsp. *culinaris*
- AL 1025 **Lespedeza, forage**  
*Lespedeza* spp. and *Kummerowia* spp.; Lespedeza, Korean, *Kummerowia stipulacea* (Maxim.) Makino; Lespedeza, sericea, *Lespedeza cuneata* (Dum. Cours.) G. Don; Lespedeza, striate, *Kummerowia striata* (Thunb.) Schindl.
- AL 3360 **Leucaena, forage**  
*Leucaena leucocephala* (Lam.) deWit
- AL 0545 **Lupin, forage**  
*Lupinus* spp.; Lupin, blue, *Lupinus albus* L.; Lupin, pearl, *Lupinus mutabilis* Sweet; Lupin, white, *Lupinus albus* L. var. *albus*; Lupin, yellow, *Lupinus luteus* L.
- **Melilot, forage**, see Clover, forage, AL 1023  
*Melilotus* spp.
- AL 0528 **Pea, vines**  
*Pisum* spp.
- AL 1270 **Peanut, forage**  
*Arachis hypogaea* L.
- AL 0537 **Pea, pigeon, forage**  
*Cajanus cajan* (L.) Huth
- **Puero, forage** see Kudzu, forage, AL 1024  
*Pueraria phaseoloides* (Roxb.) Benth.
- AL 3362 **Purple prairie clover, forage**  
*Dalea purpurea* Vent.
- AL 3363 **Roundleaf cassia, forage**  
*Chamaecrista rotundifolia* (Pers.) Greene
- AL 1027 **Sainfoin, forage**  
*Onobrychis viciifolia* Scop.;  
syn: *O. sativa* Lamk.
- **Sericea, forage**, see Lespedeza, forage, AL 1025
- AL 3361 **Sesbania, forage**  
*Sesbania exaltata* (Raf.) Rydb.

Commented [WPB5]: Proposed by Ecuador

Commented [WPB6]: Addition proposed by Australia

AL 1265	<b>Soya bean, forage</b> <i>Glycine max</i> (L.) Merr;
AL 3364	<b>Thorn mimosa, forage</b> <i>Vachellia nilotica</i> (L.) P. J. H. Hurter & Mabb. subsp. <i>Nilotica</i>
AL 3365	<b>Trefoil, forage</b> <i>Lotus</i> spp.; Trefoil, big, <i>Lotus uliginosus</i> Schkuhr; Trefoil, birdsfoot, <i>Lotus corniculatus</i> , L.; Trefoil, narrowleaf, <i>Lotus tenuis</i> Waldst. & Kit. ex Willd.; Bigleaf trefoil, <i>Lotus uliginosus</i> Schkuhr
AL 1029	<b>Vetch, forage</b> <i>Vicia</i> spp.; Vetch, bard, <i>Vicia monantha</i> Retz. Vetch, common, <i>Vicia sativa</i> L. spp. <i>sativa</i> ; Vetch, crown, <i>Securigera varia</i> (L.) Lassen; Vetch, hairy, <i>Vicia villosa</i> Roth ssp. <i>villosa</i> ; Vetch, Hungarian, <i>Vicia pannonica</i> Crantz; Vetch, kidney, <i>Anthyllis vulneraria</i> L.; Vetch, milk, <i>Astragalus cicer</i> L.; Vetch, monantha, <i>Vicia articulata</i> Hornem.; Vetch, narrowleaf, <i>Vicia sativa</i> ssp. <i>nigra</i> (L.) Ehrh.; Vetch, purple, <i>Vicia benghalensis</i> L.
-	<b>Vetch, Chickling, forage</b> , see Vetch, forage, AL 1029 <i>Lathyrus sativus</i> L.
-	<b>Vetch, Crown, forage</b> , see Vetch, forage, AL 1029 <i>Coronilla varia</i> L.
-	<b>Vetch, Milk, forage</b> , see Vetch, forage, AL 1029 <i>Astragalus</i> spp.
Subgroup 050B, Products of legume feeds with low water content (hay)	
<b>Code No.</b>	<b>Commodity</b>
AL 3301	<b>Subgroup of Products of legume feeds with low water content (hay) (includes all commodities in this subgroup)</b>
AL 1020	<b>Alfalfa, hay</b> <i>Medicago sativa</i> L., subsp. <i>sativa</i> L.
AL 0061	<b>Bean, hay</b> <i>Phaseolus</i> spp.
AL 3366	<b>Bean, hay</b> <i>Vigna</i> spp.
-	<b>Bean, Adzuki, hay</b> , see Bean, hay, AL 3364 <i>Vigna angularis</i> (Willd.) Ohwi & H. Ohashi var. <i>angularis</i>
-	<b>Bean, Broad, hay</b> , See Bean, hay AL 3366 <i>Vicia faba</i> L. subsp. <i>faba</i> var. <i>faba</i>
-	<b>Bean, goa, hay</b> , See Bean, hay AL0061 <i>Psophocarpus tetragonolobus</i> (L.) DC.
-	<b>Bean, lablab, hay</b> , See Bean, hay AL0061 <i>Lablab purpureus</i> (L.) Sweet ssp. <i>purpureus</i>
-	<b>Bean, mung, hay</b> , See Bean, hay AL 3366 <i>Vigna radiata</i> (L.) Wilczek var. <i>radiata</i>
-	<b>Bean, rice, hay</b> , See Bean, hay AL 3366 <i>Vigna umbellata</i> (Thunb.) Ohwi & H. Ohashi
-	<b>Bean, runner, hay</b> , See Bean, hay AL 0061 <i>Phaseolus coccineus</i> L.

Commented [WPB7]: Addition proposed by Australia

- **Bean, tepary, hay**, See Bean, hay AL 0061  
*Phaseolus acutifolius* A. Gray var. *acutifolius*
- **Bean, urd, hay**, See Bean, hay AL 3366  
*Vigna mungo* (L.) Hepper var. *mungo*
- **Bean, yardlong, hay**, See Bean, hay AL 3366  
*Vigna unguiculata* (L.) Walp. subsp. *unguiculata* group *sesquipedalis*
- AL 1022 **Bean, velvet, hay**  
*Mucuna pruriens* (L.) DC. var. *utilis* (Wall. ex Wight) Baker ex Burck
- Catjang, hay**, See Bean, hay AL 3366  
*Vigna unguiculata* (L.) Walp. subsp. *unguiculata* group *biflora*
- AL 3369 **Centurion, hay**  
*Centrosema pascuorum* Murt. Ex Benth.
- AL 0524 **Chick-pea, hay**  
*Cicer arietinum* L.
- AL 1031 **Clover, hay**  
*Trifolium* spp. and *Melilotus* spp.
- AL 3370 **Cowpea, hay**  
*Vigna unguiculata* (L.) Walp.
- AL 3371 **Crotalaria, hay**  
*Crotalaria* spp.; Crotalaria, lance-leaf, *Crotalaria lanceolata* E. Mey.; Crotalaria, showy, *Crotalaria spectabilis* Roth; Crotalaria, slenderleaf, *Crotalaria brevidens* Benth.; Crotalaria, striped, *Crotalaria pallida* Aiton; Sunn-hemp, *Crotalaria juncea* L.
- AL 3372 **Guar, hay**  
*Cyamopsis tetragonoloba* (L.) Taub.
- AL 3373 **Horse gram, hay**  
*Macrotyloma uniflorum* (Lam.) Verde.
- AL 3374 **Jackbean, hay**  
*Canavalia ensiformis* (L.) DC.
- AL 0072 **Pea, hay**  
*Pisum* spp.
- AL 3375 **Pea, pigeon, hay**  
*Cajanus cajan* (L.) Huth
- AL 3376 **Pea, southern, hay**  
*Vigna unguiculata* (L.) Walp. subsp. *unguiculata* group *unguiculata*
- AL 0697 **Peanut, hay**  
*Arachis hypogaea* L.
- AL 3377 **Perennial peanut, hay**  
*Arachis glabrata* Benth. var. *glabrata*; Pinto peanut, *Arachis pintoi* Krapov. & W.C. Greg
- AL 3378 **Purple prairie-clover, hay**  
*Dalea purpurea* Vent.
- AL 3379 **Sainfoin, hay**  
*Onobrychis viciifolia* Scop.
- AL 0541 **Soya bean, hay**  
*Glycine max* (L.) Merr;

**Commented [WPB8]:** Japan proposed changing name to "curd". Not changed, "urd" is the correct spelling.

AL 1028 **Trefoil, hay**  
*Lotus* spp.; Trefoil, big, *Lotus uliginosus* Schkuhr; Trefoil, birdsfoot, *Lotus corniculatus*, L.; Trefoil, narrowleaf, *Lotus tenuis* Waldst. & Kit. ex Willd.; Bigleaf trefoil, *Lotus uliginosus* Schkuhr

AL 3380 **Vetch, hay**  
*Vicia* spp.; Vetch, bard, *Vicia monantha* Retz. Vetch, common, *Vicia sativa* L. spp. *sativa*; Vetch, crown, *Securigera varia* (L.) Lassen; Vetch, hairy, *Vicia villosa* Roth ssp. *villosa*; Vetch, Hungarian, *Vicia pannonica* Crantz; Vetch, kidney, *Anthyllis vulneraria* L.; Vetch, milk, *Astragalus cicer* L.; Vetch, monantha, *Vicia articulata* Hornem.; Vetch, narrowleaf, *Vicia sativa* ssp. *nigra* (L.) Ehrh.; Vetch, purple, *Vicia benghalensis* L.

- **Velvet bean, hay**, see Bean, Velvet, hay, AL 1022

Subgroup 050C, Processed products of legume feeds (such as silage, meal, hulls)

**Code No.** **Commodity**

AL 3302 **Subgroup of Processed products of legume feeds (like silage, meal, hulls) (includes all commodities in this subgroup)**

AL 3381 **Alfalfa, cubes**  
*Medicago sativa* L., subsp. *sativa* L.

AL 3382 **Alfalfa, meal**  
*Medicago sativa* L., subsp. *sativa* L.

AL 3383 **Alfalfa, silage**  
*Medicago sativa* L., subsp. *sativa* L.

AL 3384 **Clover, silage**  
*Trifolium* spp. and *Medicago* spp.

AL 3385 **Pea, hulls**  
*Pisum* spp.

AL 3386 **Pea, meal**  
*Pisum* spp.

AL 3387 **Pea, silage**  
*Pisum* spp.

AL 3388 **Sainfoin, silage**  
*Onobrychis viciifolia* Scop.

AL 3389 **Soya bean, hulls** **MOVED FROM CLASS D**  
*Glycine max* (L.) Merr;

AB 1625 **Soya bean, meal** **STAY IN CLASS D**  
*Glycine max* (L.) Merr;

AL 3391 **Soya bean, silage**  
*Glycine max* (L.) Merr;

**Commented [WPB9]:** Japan proposed that silage commodities should be moved to 050A or 051A (commodities with high water content).

Not moved at this time because silage undergoes a fermentation process. Relocate silage commodities from processed products?



**Group 051 Cereal grains and grasses (including pseudocereals) feed products**

## Class C

Type 11 Primary feed commodities of plant origin

Group 051 Group Letter Code AS (straws and hay) AF (forage)

The forage, hay and straw of cereal grains and processed products are derived from various plants of the grass family (*Gramineae*).

Cereal grains are grown to a limited extent as a forage crop. The immature crop is fed to livestock animals as succulent forage or as silage.

The cereal grain crops are mainly grown for human food or raw material for preparing food products. The "waste" parts remaining after harvest of the grain kernels (stems, stalks, leaves and empty ears) are extensively used and distributed for animal feeding purposes, in the form of hay or straw.

Several other species of the grass family are exclusively grown as forages crops. These crops are either used for grazing or are prepared for wholesale or retail distribution in the form of grass silage (in general one or more cuttings from immature plants), as artificially dried grass or as hay.

The entire commodity may be consumed by livestock animals.

**Portion of the commodity to which the MRL applies (and which is analysed): Whole commodity, as presented for wholesale or retail distribution.**

In view of the range of moisture contents in the animal feeds of this group, moving in commerce, the MRLs should preferably be set and expressed on a "dry-weight" basis.

A "dry-weight" basis implies that the commodity is analysed for pesticide residues as received, that the moisture content is determined, preferably by a standard method for use on the relevant commodity, and that the residue content is then calculated as if it were wholly contained in the dry matter. **See explanation in Group 050 Legume animal feeds**

The residues on the dry commodities of this group, e.g. straws and hays, are expressed on the commodity as such.

**Forage:** Crops grown exclusively for animal feed. These crops are either used for grazing or are prepared as silage or as hay. Maize forage: whole green plant, prior to maturity (including the immature or nearly mature cobs).

**Hay and Straw:**

Coarse feed for livestock animals, especially cattle, horses and sheep, such as straw, hay, maize, stalks (stover) etc. e.g.

Maize hay: stover or whole stalks (with ears removed) remaining after the harvest of the mature and sun-dried cobs.

Group 051 Cereal grains and grasses (including pseudocereals) feed products

This group is divided into 3 subgroups:

	Code
Subgroup 051A: Cereal grains and grasses (including pseudocereals) feed products with high water $\geq 20\%$ content (forage)	AF
Subgroup 051B: Cereal grains and grasses (including pseudocereals) feed products with low water $< 20\%$ content (hay, straw)	AS
Subgroup 051C: Cereal grains and grasses (including pseudocereals) processed products (such as silage, bran, hulls)	AS
<b>Create:</b> Subgroup 051D: Cool season grasses (see Appendix II)	AS
<b>Create:</b> Subgroup 051E: Warm season grasses (see Appendix II)	AS

**Commented [WPB10]:** Addition proposed by EU

**Commented [WPB11]:** Statement moved from Hay and Straw section below.

**Commented [WPB12]:** Separate subgroups for grasses proposed by Canada, supported by EWG and Kenya.

Thailand indicated to retain grasses in 051.

Ghana proposed the addition of Savannah and typhoon grass, but they have not been added because it was not clear as to what species was indicated.

**Group 051 Cereal grains and grasses (including pseudocereals) feed products**

Subgroup 051A, Cereal grains and grasses (including pseudocereals) feed products with high water content (forage)

<b>Code No.</b>	<b>Commodity</b>
AF 3303	<b>Subgroup of Cereal grains and grasses (including pseudocereals) feed products with high water content (forage)</b> Includes all commodities in this subgroup
AF 3490	<b>Amaranth, forage</b> <i>Amaranthus</i> spp.; Amaranth, purple, <i>Amaranthus cruentus</i> L.; Princess-feather, Princess-feather, Amaranthaceae, <i>Amaranthus hypochondriacus</i> L.; Inca wheat, <i>Amaranthus caudatus</i> L.
AF 3491	<b>Barley, forage</b> <i>Hordeum vulgare</i> L. subsp. <i>Vulgare</i>
AF 3492	<b>Buckwheat, forage</b> <i>Fagopyrum esculentum</i> Moench
AF 3493	<b>Canarygrass, annual, forage</b> <i>Phalaris canariensis</i> L.
-	<b>Corn, forage</b> , see Maize forage, AS 0645
AF 3494	<b>Hungry rice, forage</b> <i>Digitaria iburua</i> Stapf; Fonio, white, <i>Digitaria exilis</i> (Kippist) Stapf
AF 0645	<b>Maize, forage</b> <i>Zea mays</i> L.
AF 3495	<b>Millet, forage</b> Millet, barnyard, <i>Echinochloa frumentacea</i> Link; Millet, finger, <i>Eleusine coracana</i> (L.) Gaertn.; Millet, foxtail, <i>Setaria italica</i> (L.) P. Beauv. subsp. <i>italica</i> ; Millet, little, <i>Panicum sumatrense</i> Roth; Millet, proso, <i>Panicum miliaceum</i> L. subsp. <i>miliaceum</i> ; Millet, pearl, <i>Pennisetum glaucum</i> (L.) R. Br.;
AF 0647	<b>Oat, forage</b> <i>Avena</i> spp.; Oat, common, <i>Avena sativa</i> L.; Oat, Abyssiniam, <i>Avena abyssinica</i> Hochst. ex A. Rich.; Oat, naked, <i>Avena nuda</i> L.; Oat, sand, <i>Avena strigosa</i> Schreb.
AF 3496	<b>Rice, forage</b> <i>Oryza sativa</i> L.; Rice, African, <i>Oryza glaberrima</i> Steud.; Wild rice, <i>Zizania palustris</i> L.; Wild rice, Eastern, <i>Zizania aquatica</i> L.
AF 0650	<b>Rye, forage</b> <i>Secale cereale</i> L.
AF 3497	<b>Ryegrass, Italian, forage</b> <i>Lolium multiflorum</i> Lam.
AF 0651	<b>Sorghum, forage</b> <i>Sorghum bicolor</i> (L.) Moench; other <i>Sorghum</i> spp.
AF 3498	<b>Sweet corn, forage</b> <i>Zea mays</i> L. subsp. <i>mays</i>
AF 3499	<b>Timothy, forage</b> <i>Phleum</i> spp.
AF 3500	<b>Triticale, forage</b> x <i>Triticosecale</i> sp.
AF 3501	<b>Wheat, forage</b> <i>Triticum aestivum</i> L. subsp. <i>aestivum</i>

Subgroup 051B, Cereal grains and grasses (including pseudocereals) feed products with low water content (hay, straw)

<u>Code No.</u>	<u>Commodity</u>
AS 3304	<b>Subgroup of Cereal grains and grasses (including pseudocereals) feed products with low water content (hay, straw)</b>
AS 0081	<b>Straw and hay of cereal grains and other grass like plants (including pseudocereals)</b> Includes all commodities in this subgroup; See group 020 (code GC 0080) for species included in group of cereal grains
AS 0161	<b>Straw and hay of cereal grains (including pseudocereals)</b> Includes all commodities in this subgroup; See group 020 (code GC 0080) for species included in group of cereal grains
AS 0162	<b>Hay of grasses</b> Includes all commodities in this subgroup, including Italian ryegrass and pangola
AS 0163	<b>Straw of cereal grains (including pseudocereals)</b> Includes all commodities in this subgroup; See group 020 (code GC 0080) for species included in group of cereal grains
AS 0164	<b>Hay of cereal grains (including pseudocereals)</b> Includes all commodities in this subgroup; See group 020 (code GC 0080) for species included in group of cereal grains
AS 0165	<b>Cool Season Grasses</b>
AS 0166	<b>Warm Seasono Grasses</b>
AS 3502	<b>Amaranth, hay</b> <i>Amaranthus</i> spp.; Amaranth, purple, <i>Amaranthus cruentus</i> L.; Princess-feather, Princess-feather, Amaranthaceae, <i>Amaranthus hypochondriacus</i> L.; Inca wheat, <i>Amaranthus caudatus</i> L.
AS XXXX	<b>Barley, hay and straw (fodder)</b>
AS 3491	<b>Barley, hay</b> <i>Hordeum vulgare</i> L. subsp. <i>vulgare</i>
AS 0640	<b>Barley, straw</b>
-	<b>Bermuda grass</b> , see Subgroup Hay of Grasses, AS 0162 <i>Cynodon dactylon</i> (L.) Pers.
-	<b>Bluegrass</b> , see Subgroup Hay of Grasses, AS 0162 <i>Poa</i> spp.
-	<b>Brome grass</b> , see Subgroup Hay of Grasses, AS 0162 <i>Bromus</i> spp.
AS 0641	<b>Buckwheat, hay</b> <i>Fagopyrum esculentum</i> Moench; Buckwheat, Tartary, <i>Fagopyrum tataricum</i> (L.) Gaertn.
AS 3503	<b>Canarygrass, annual, hay</b> <i>Phalaris canariensis</i> L.
-	<b>Corn, hay</b> , see Maize hay, AS 0645
-	<b>Darnel</b> see Subgroup Hay of Grasses, AS 0162 <i>Lolium</i> spp.
-	<b>Fescue</b> , see Subgroup Hay of Grasses, AS 0162 <i>Festuca</i> spp.
AS 3504	<b>Hungry rice, hay</b>

Commented [WPB13]: Spelling changed, Thailand

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*Digitaria iburua* Stapf; Fonio, white, *Digitaria exilis* (Kippist) Stapf

AS 0645

**Maize, hay**

*Zea mays* L.

AS 3515

**Maize, stover**

*Zea mays* L.

AS XXXX

**Millet, hay and straw (fodder)**

AS 0646

**Millet, hay**

Millet, barnyard, *Echinochloa frumentacea* Link; Millet, finger, *Eleusine coracana* (L.) Gaertn.; Millet, foxtail, *Setaria italica* (L.) P. Beauv. subsp. *italica*; Millet, little, *Panicum sumatrense* Roth; Millet, proso, *Panicum miliaceum* L. subsp. *miliaceum*; Millet, pearl, *Pennisetum glaucum* (L.) R. Br.

AS 3505

**Millet, straw**

Millet, barnyard, *Echinochloa frumentacea* Link; Millet, finger, *Eleusine coracana* (L.) Gaertn.; Millet, foxtail, *Setaria italica* (L.) P. Beauv. subsp. *italica*; Millet, little, *Panicum sumatrense* Roth; Millet, proso, *Panicum miliaceum* L. subsp. *miliaceum*; Millet, pearl, *Pennisetum glaucum* (L.) R. Br.;

AS XXXX

**Oat, hay and straw (fodder)**

AS 3506

**Oat, hay**

*Avena* spp.; Oat, common, *Avena sativa* L.; Oat, Abyssiniam, *Avena abyssinica* Hochst. ex A. Rich.; Oat, naked, *Avena nuda* L.; Oat, sand, *Avena strigosa* Schreb.

AS 0647

**Oat, straw**

*Avena* spp.; Oat, common, *Avena sativa* L.; Oat, Abyssiniam, *Avena abyssinica* Hochst. ex A. Rich.; Oat, naked, *Avena nuda* L.; Oat, sand, *Avena strigosa* Schreb.

AS 3507

**Pangola, hay**

*Digitaria eriantha* Steud.

AS 0656

**Pop corn, stover**

*Zea mays* L. subsp. *mays*

AS 0649

**Rice, straw**

*Oryza sativa* L.; Rice, African, *Oryza glaberrima* Steud.; Wild rice, *Zizania palustris* L.; Wild rice, Eastern, *Zizania aquatica* L.

AS 0650

**Rye, straw**

*Secale cereale* L.

AS 3509

**Ryegrass, Italian, hay**

*Lolium multiflorum* Lam.

AS 0651

**Sorghum, hay**

*Sorghum bicolor* (L.) Moench; other *Sorghum* spp.

AS 3510

**Sorghum, stover**

*Sorghum bicolor* (L.) Moench; other *Sorghum* spp.

AS 0447

**Sweet corn, stover**

*Zea mays* L. subsp. *mays*

AS XXXX

**Teff, hay and straw (fodder)**

AS 3511

**Teff, hay**

*Eragrostis tef* (Zuccagni) Trotter

AS 3512

**Teff, straw**

*Eragrostis tef* (Zuccagni) Trotter

**Commented [WPB15]:** Moved from 051C proposed by Japan

**Commented [WPB16]:** Proposed by Japan to retain the term fodder?

**Commented [WPB17]:** Proposed by Japan to retain the term fodder?

**Commented [WPB18]:** Spelling changed, Thailand

**Commented [WPB19]:** Proposed by Japan to retain the term fodder?

AS 0657 **Teosinte, hay**  
*Zea mays* ssp. *mexicana* (Schrad.) H. H. Illis;

AS 0653 **Triticale, straw and hay**  
x *Triticosecale* sp.

AS XXXX **Wheat, hay and straw (fodder)**

AS 3492 **Wheat, hay**  
*Triticum aestivum* L. subsp. *aestivum*

AS 0654 **Wheat, straw**  
*Triticum aestivum* L. subsp. *aestivum*.; Wheat, Durum, *Triticum turgidum* L. subsp. *durum* (Desf.) Husn.; Wheat, Einkorn, *Triticum monococcum* L. subsp. *monococcum*; Wheat, Emmer, *Triticum turgidum* L. subsp. *dicoccon* (Schrank) Thell.; Wheat, Macha, *Triticum aestivum* L. subsp. *macha* (Dekapr. & Menabde) Mackey; Wheat, Oriental, *Triticum turgidum* L. subsp. *turanicum* (Jakubz.) Á. Löve & D. Löve; Wheat, Persian, *Triticum turgidum* L. subsp. *carthlicum* (Nevski) Á. Löve & D. Löve; Wheat, Polish, *Triticum turgidum* L. subsp. *polonicum* (L.) Thell.; Wheat, Poulard, *Triticum turgidum* L. subsp. *turgidum*; Wheat, Shot, *Triticum turgidum* L. subsp. *turgidum*; Wheat, Spelt, *Triticum aestivum* L. subsp. *spelta* (L.) Thell.; Wheat, Timopheevi, *Triticum timopheevii* (Zhuk.) Zhuk. subsp. *timopheevii*; Wheat, Vavilovi, *Triticum vavilovii* Jakubz.; Wheat, Wild einkorn, *Triticum monococcum* L. subsp. *aegilopoides* (Link) Thell.; Wheat, Wild emmer, *Triticum turgidum* L. subsp. *dicoccoides* (Körn. ex Asch. & Graebn.) Thell.

Subgroup 051C, Subgroup 051C: Cereal grains and grasses (including pseudocereals) processed products (such as silage, bran, hulls)

**Code No.** **Commodity**

AS 3305 **Subgroup of Cereal grains and grasses (including pseudocereals) processed products (such as silage, bran, hulls)**

AS 0162 **Silage of cereal grains and grasses (including pseudocereals)**  
Includes all commodities in this subgroup

AS 3513 **Barley, silage**  
*Hordeum vulgare* L. subsp. *vulgare*

- **Corn, silage**, See Maize silage, AS 3514  
*Zea mays* L.

AS 3514 **Leucaena, milled**  
*Leucaena leucocephala* (Lam.) de Wit

AS 3490 **Maize, bran**  
*Zea mays* L.

AS 3515 **Maize, silage**  
*Zea mays* L.

AS 3516 **Oat, silage**  
*Avena* spp.; Oat, common, *Avena sativa* L.; Oat, Abyssinian, *Avena abyssinica* Hochst. ex A. Rich.; Oat, naked, *Avena nuda* L.; Oat, sand, *Avena strigosa* Schreb.

AS 3517 **Rice, hulls**  
*Oryza sativa* L.; Rice, African, *Oryza glaberrima* Steud.; Wild rice, *Zizania palustris* L.; Wild rice, Eastern, *Zizania aquatica* L.

AS 3518 **Rice, silage**  
*Oryza sativa* L.; Rice, African, *Oryza glaberrima* Steud.; Wild rice, *Zizania palustris* L.; Wild rice, Eastern, *Zizania aquatica* L.

AS 3519 **Rye, silage**  
*Secale cereale* L.

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Commented [WPB21]: Addition proposed by Thailand

AS 3497	<b>Ryegrass, Italian, silage</b>	<i>Lolium multiflorum</i> Lam.
AS 3520	<b>Sorghum, silage</b>	<i>Sorghum bicolor</i> (L.) Moench; other <i>Sorghum</i> spp.
AS 3521	<b>Timothy, cubes</b>	<i>Phleum</i> spp.
AS 3522	<b>Triticale, silage</b>	x <i>Triticosecale</i> sp.
AS 3523	<b>Wheat, silage</b>	<i>Triticum aestivum</i> L. subsp. <i>aestivum</i>

If the Committee agrees to create Subgroup 051D, Cool Season Grasses and Subgroup 051E, Warm Season Grasses, note that:

Grasses that are currently included in Group 051B include Ryegrass, Italian and **Pangola**. There is a cross reference to subgroup of hay of grasses for bermudagrass, fescue, bluegrass, brome grass and darnel. Grasses may also be appropriately separated into warm season and cool season grasses. See Appendix II for potential grass commodities separated into cool and warm season grasses.

<u>Code No.</u>	<u>Commodity</u>
AS 0165	<b>Subgroup of Cool Season Grasses</b>

<u>Code No.</u>	<u>Commodity</u>
AS 0166	<b>Subgroup of Warm Season Grasses</b>

**Commented [WPB22]:** Addition proposed by the Republic of Korea

**Commented [WPB23]:** Structure provided for cool season and warm season grasses.

Note that grasses are typically divided into cool season grasses and warm season grasses based on their metabolism and physiology. Cool season grasses are adapted to temperate areas and have a C<sub>3</sub> photosynthetic pathway. Warm season grasses are adapted to southern and tropical humid areas and share a more efficient C<sub>4</sub> photosynthetic pathway. C<sub>3</sub> grasses generate less bulk than C<sub>4</sub> grasses, but feed quality is often higher than C<sub>4</sub> grasses. Warm season grasses grow well under high temperatures and are valuable for ruminants in warm and tropical regions.

**Group 052 Miscellaneous Feed Products**

Class C

**Type 11 Primary feed commodities of Plant origin****Group 052 Group Letter Codes AM (hay and processed products) AV (forage)**

Group 052. Miscellaneous forage, hay crops and processed products, are derived from various kinds of plants except leguminous and grassy plants (family *Gramineae*). However, for convenience, the hay and forage of grasses for sugar production are included in this group. Some of the crops listed in this group are primarily grown for human food or as raw material for preparing food (e.g. sugar beet) and the "waste" material of such crops is used as animal feed.

The entire commodity may be consumed by livestock animals, either in a succulent form, as silage or in the form of hay.

Portion of the commodity to which the MRL applies (and which is analysed): **Whole commodity as presented for wholesale or retail distribution. In view of the wide range of moisture contents in the animal feeds of this group moving in commerce the MRLs should, if relevant, preferably be set and expressed on a "dry-weight" basis, see explanation in Group 050 Legume animal feeds.**

Group 052 Miscellaneous Feed Products

This group is divided into 3 subgroups:

	Code
Subgroup 052A: Products with high water ( $\geq 20\%$ ) content (forage, beet tops)	AV
Subgroup 052B: Products with low water ( $< 20\%$ ) content (hay)	AM
Subgroup 052C: Processed products (such as meal, hulls, dried pulp, molasses)	AM

Subgroup 052A: Products of miscellaneous hay and forage crops with high water content (forage, beet tops)

**Code No. Commodity**AM 0165 **Miscellaneous feed products**except leguminous and grass plants (*Gramineae*), but including grasses for sugar productionAV 3307 **Subgroup of Products of high water content (forage, beet tops)**AV 3430 **Arrowleaf balsamroot, forage***Balsamorhiza sagittata* (Pursh) Nutt.AV 3431 **Carrot, culls***Daucus carota* L.AV 1050 **Cow cabbage, leaves***Brassica oleracea* L. var. *viridis* L.AV 1051 **Fodder beet, leaves or tops***Beta vulgaris* L. subsp. *vulgaris*AV 0480 **Kale, forage***Brassica oleracea* L. var. *viridis* L.AV 3432 **Kenaf, forage***Hibiscus cannabinus* L.AV 1052 **Marrow-stem cabbage or Marrow-stem kale, leaves and stems***Brassica oleracea* L. var. *medullosa* Thell.- **Mangel or Mangold**, see Fodder beet, AM 1051- **Mangoldwurzel**, see Fodder beet, AM 1051

AV 0353	<b>Pineapple, forage</b> <i>Ananas comosus</i> (L.) Merr.
AV 3433	<b>Potato, culls</b> <i>Solanum tuberosum</i> L.
AV 0495	<b>Rape seed, forage</b> <i>Brassica napus</i> L.
AV 3434	<b>Spiny hopsage, forage</b> <i>Grayia spinosa</i> (Hook.) Moq.
AV 0596	<b>Sugar beet, leaves or tops</b> <i>Beta vulgaris</i> L. subsp. <i>vulgaris</i>
AV 0659	<b>Sugar cane, forage</b> <i>Saccharum officinarum</i> L.
AV 0497	<b>Swedish turnip or Swede, leaves or tops</b> <i>Brassica napus</i> L. subsp. <i>rapifera</i> Metzg.
AV 3435	<b>Taper-tip hawk's-beard, forage</b> <i>Crepis acuminata</i> Nutt.
AV 3436	<b>Threadleaf sedge, forage</b> <i>Carex filifolia</i> Nutt.
AV 0506	<b>Turnip, leaves or tops</b> <i>Brassica rapa</i> L. subsp. <i>rapa</i>
Subgroup 052B: Products with low water content (hay)	
AM 3308	<b>Subgroup of Products with low water content (hay)</b>
AM 3437	<b>Arrowleaf balsamroot, hay</b> <i>Balsamorhiza sagittata</i> (Pursh) Nutt.
AM 3438	<b>Kenaf, hay</b> <i>Hibiscus cannabinus</i> L.
AM 0738	<b>Mint, hay</b> <i>Mentha</i> spp.
AM 0495	<b>Rape seed, hay</b> <i>Brassica napus</i> L.
AM 0659	<b>Sugar cane, hay</b> <i>Saccharum officinarum</i> L.
AM 0506	<b>Turnip, hay</b> <i>Brassica rapa</i> L. subsp. <i>Rapa</i>
Subgroup 052C: Processed products (such as meal, hulls, dried pulp, molasses)	
AM 3309	<b>Subgroup of Subgroup 052C: Processed products (such as meal, hulls, dried pulps, molasses)</b>
AM 0660	<b>Almond, hulls</b> <i>Prunus dulcis</i> (Mill.) D.A. Webb
AB-0226 →AM 0226	<b>Apple pomace, dry MOVED FROM CLASS D</b> <i>Malus domestica</i> Borkhausen

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<del>AB 1230</del> →AM 1230	<b>Apple pomace, wet</b> <b>MOVED FROM CLASS D</b> <i>Malus domestica</i> Borkhausen
DM-0004 →AM 0001	<b>Citrus molasses</b> <b>MOVED FROM CLASS D</b> <i>Citrus</i> spp.
AM 3439	<b>Citrus pomace, dry</b> <i>Citrus</i> spp.
AB-0004 →AM 0002	<b>Citrus pulp, dry</b> <b>MOVED FROM CLASS D</b> <i>Citrus</i> spp.
AM 0665	Coconut, meal <i>Cocos nucifera</i> L.
AB-0694 →AM 0691	<b>Cotton seed, hulls</b> <b>MOVED FROM CLASS D</b> <i>Gossypium</i> spp.
AB 1203 →AM 1203	<b>Cotton seed, meal</b> <b>MOVED FROM CLASS D</b> <i>Gossypium</i> spp.
AB 1204 →AM 1204	Cotton gin trash <b>MOVED FROM CLASS D</b> <i>Gossypium</i> spp.
-	Flaxseed, meal   see Linseed <i>Linum usitatissimum</i> L.
AB-0269 →AM 0269	<b>Grape pomace, dry</b> <b>MOVED FROM CLASS D</b> <i>Vitis vinifera</i> L.
AM 0693	Linseed <i>Linum usitatissimum</i> L.
AM 0545	Lupin seed, meal <i>Lupinus</i> spp.
AM 0698	Palm kernel, meal Various species
AM 0697	Peanut, meal <i>Arachis hypogaea</i> L.
AM 0353	<b>Pineapple, process residue</b> <i>Ananas comosus</i> (L.) Merr.
AM 3451	<b>Potato, process residue, dehydrated</b> <i>Solanum tuberosum</i> L. ssp. <i>tuberosum</i>
AM 3452	<b>Potato, process residue, raw</b> <i>Solanum tuberosum</i> L. ssp. <i>tuberosum</i>
AM 3453	<b>Potato, process residue, wet</b> <i>Solanum tuberosum</i> L. ssp. <i>tuberosum</i>
AM 3455	<b>Potato, process residue, heat-treated, wet</b> <i>Solanum tuberosum</i> L. ssp. <i>tuberosum</i>
AM 3456	<b>Potato, waste meal, dried</b> <i>Solanum tuberosum</i> L. ssp. <i>tuberosum</i>
AM 3445	Rape seed, hulls <i>Brassica</i> spp.
AM 3446	Rape seed, meal <i>Brassica</i> spp.
AM 0699	Safflower seed, meal

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	<i>Carthamus tinctorious</i> L	
AM 0700	Sesame seed, meal	
	<i>Sesamum indicum</i> L., <i>S. radiatum</i> Schumach. & honn	
DM 0658 → AM 0658	<b>Sorghum, molasses MOVED FROM CLASS D</b>	
	<i>Sorghum bicolor</i> (L.) Moench; other <i>Sorghum</i> spp.	
AB 0596 → AM 0597	<b>Sugar beet, pulp, dry MOVED FROM CLASS D</b>	
	<i>Beta vulgaris</i> L. subsp. <i>vulgaris</i>	
AB 1204 → AM 1201	<b>Sugar beet, pulp, wet MOVED FROM CLASS D</b>	
	<i>Beta vulgaris</i> L. subsp. <i>vulgaris</i>	
AM 3457	<b>Sugar beet, molasses</b>	
	<i>Beta vulgaris</i> L. subsp. <i>vulgaris</i>	
AM 3457	<b>Sugar beet, molasses</b>	
	<i>Beta vulgaris</i> L. subsp. <i>vulgaris</i>	
AM 3449	Sugar cane bagasse	
	<i>Saccharum officinarum</i> L.	
DM 0659 → AM 0659	<del>Sugar cane molasses</del> <b>KEEP IN CLASS D</b>	
	<i>Saccharum officinarum</i> L.	
AM 3458	<b>Sunflower, meal</b>	
	<i>Helianthus annuus</i> L.	
AB 0447 → AM 0447	<b>Sweet corn cannery waste MOVED FROM CLASS D</b>	
	<i>Zea mays</i> L., several cultivars, not including popcorn	
AM 0448	Tomato, pomace	
	<i>Solanum lycopersicum</i> L., <i>Solanum lycopersicum</i> L. var. <i>lycopersicum</i>	
AM 3459	<b>Vegetable, process residue, wet</b>	

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**APPENDIX II**

The following Table lists all potential grass commodities divided into warm season and cool season grasses.

Grass Commodities – Cool Season Grasses Subgroup 3307	Codes
Alaska oniongrass, <i>Melica subulata</i> (Griseb.) Scribn.	CG 0001
Alpine bluegrass, <i>Poa alpina</i> L.	CG 0002
Alpine timothy, <i>Phleum alpinum</i> L.	CG 0003
Altai wild rye, <i>Leymus angustus</i> (Trin.) Pilg.	CG 0004
American beachgrass, <i>Ammophila breviligulata</i> Fernald	CG 0005
American mannagrass, <i>Glyceria grandis</i> S. Watson	CG 0006
American sloughgrass, <i>Beckmannia syzigachne</i> (Steud.) Fernald	CG 0007
Annual ryegrass, <i>Lolium multiflorum</i> Lam.	CG 0008
Arabiangrass, <i>Schismus arabicus</i> Nees	CG 0009
Arizona fescue, <i>Festuca arizonica</i> Vasey	CG 0010
Ba shan mu zhu, <i>Arundinaria fargesii</i> E. G. Camus	CG 0011
Ba zhu, <i>Ampelocalamus microphyllus</i> (Hsueh & T. P. Yi) Hsueh & T. P. Yi	CG 0012
Bandicootgrass, <i>Monachather paradoxa</i> Steud.	CG 0013
Barnyardgrass, <i>Dactylis glomerata</i> L.	CG 0014
Basin wild rye, <i>Leymus cinereus</i> (Scribn. & Merr.) Á. Löve	CG 0015
Beach wild rye, <i>Leymus arenarius</i> (L.) Hochst.	CG 0016
Beardless wild rye, <i>Leymus triticoides</i> (Buckley) Pilg	CG 0017
Bieberstein bromegrass, <i>Bromus biebersteinii</i> Roem. & Schult.	CG 0018
Blue maidencane, <i>Amphicarpum muhlenbergianum</i> (Schult.) Hitchc.	CG 0019
Blue wild rye, <i>Elymus glaucus</i> Buckley	CG 0020
Bluebunch wheatgrass, <i>Pseudoroegneria spicata</i> (Pursh) Á. Löve	CG 0021
Bluejoint reedgrass, <i>Calamagrostis canadensis</i> (Michx.) P. Beauv.	CG 0022
Boehmer's cat's-tail, <i>Phleum phleoides</i> (L.) H. Karst.	CG 0023
Brown-black wallaby grass, <i>Rytidosperma duttonianum</i> (Cashmore) Connor & Edgar	CG 0024
Bulbous bluegrass, <i>Poa bulbosa</i> L.	CG 0025
Bulbous canarygrass, <i>Phalaris aquatic</i> L.	CG 0026
Bulbous oatgrass, <i>Arrhenatherum elatius</i> (L.) P. Beauv. ex J. Presl & C. Presl	CG 0027
Bulbous oniongrass, <i>Melica bulboa</i> Geyers ex Porter & J.M. Coult.	CG 0028
California bromegrass, <i>Bromus carinatus</i> Hook. & Arn.	CG 0029
California melic, <i>Melica imperfecta</i> Trin.	CG 0030
California oatgrass, <i>Danthonia californica</i> Bol.	CG 0031
Canada bluegrass, <i>Poa compressa</i> L.	CG 0032
Canada bromegrass, <i>Bromus pubescens</i> Spreng.	CG 0033
Canada wild rye, <i>Elymus canadensis</i> L.	CG 0034
Canarygrass, <i>Phalaris canariensis</i> L.	CG 0035
Cao hua jian zhu, <i>Fargesia scabrada</i> T. P. Yi	CG 0036
Cheatgrass, <i>Bromus secalinus</i> L.	CG 0037
Chilean chess, <i>Bromus berterianus</i> Colla	CG 0038
Colonial bentgrass, <i>Agrostis capillaris</i> L.	CG 0039
Columbia needlegrass, <i>Achnatherum nelsonii</i> subsp. <i>dorei</i> (Barkworth & J. Maze) Barkworth	CG 0040

Grass Commodities – Cool Season Grasses Subgroup 3307	Codes
Creeping bluegrass, <i>Bothriochloa insculpta</i> (Hochst. Ex A. Rich.) A. Camus	CG 0041
Creeping foxtail, <i>Alopecurus arundinaceus</i> Poir	CG 0042
Creeping rivergrass, <i>Echinochloa polystachya</i> (Kunth) Hitchc.	CG 0043
Creeping signalgrass, <i>Urochloa humidicola</i> (Rendle) Morrone & Zuloaga	CG 0044
Crested dog tail, <i>Cynosurus cristatus</i> L.	CG 0045
Da yao lai cao, <i>Leymus karelinii</i> (Turcz.) Tzvelev	CG 0046
Da ying yi li cao, <i>Kengyilia grandiglumis</i> (Keng) J. L. Yang et al.	CG 0047
Dahurian wild rye, <i>Elymus dahuricus</i> Turca. Ex Griseb.	CG 0048
Delicate hairgrass, <i>Aira elegantissima</i> Schur	CG 0049
Desert crested wheatgrass, <i>Agropyron desertorum</i> (Fisch. ex Link) Schult.	CG 0050
Downy brome grass, <i>Bromus tectorum</i> L.	CG 0051
Early hairgrass, <i>Aira praecox</i> L.	CG 0052
European alkaligrass, <i>Puccinellia distans</i> (Jacq.) Parl.	CG 0053
European beachgrass, <i>Ammophila arenaria</i> Link	CG 0054
European sloughgrass, <i>Beckmannia eruciformis</i> (L.) Host	CG 0055
Fairway wheatgrass, <i>Agropyron cristatum</i> (L.) Gaertn.	CG 0056
Field brome grass, <i>Bromus arvensis</i> L.	CG 0057
Flatleaf red fescue, <i>Festuca rubra</i> L. subsp. fallax (Thuill.) Nyman	CG 0058
Flatstem oatgrass, <i>Danthonia compressa</i> Austin	CG 0059
Floating foxtail, <i>Alopecurus geniculatus</i> L.	CG 0060
Fowl bluegrass, <i>Poa palustris</i> L.	CG 0061
Fowl mannagrass, <i>Glyceria striata</i> (Lam.) Hitchc.	CG 0062
Gen jing bing cao, <i>Agropyron michnoi</i> Roskev.	CG 0063
Giant cane, <i>Arundinaria gigantea</i> (Walter) Muhl.	CG 0064
Giant wild rye, <i>Leymus condensatus</i> (J. Presl) A. Love	CG 0065
Green fescue, <i>Festuca viridula</i> Vasey	CG 0066
Green needlegrass, <i>Nassella viridula</i> (Trin.) Barkworth	CG 0067
Guai gun zhu, <i>Fargesia robusta</i> T. P. Yi	CG 0068
Hairy chess, <i>Bromus commutatus</i> Schrad.	CG 0069
Hill wallabygrass, <i>Rytidosperma erianthum</i> (Lindl.) Connor & Edgar	CG 0070
Hoffmann's wheatgrass, <i>Elymus hoffmannii</i> K. B. Jensen & K. H. Asay	CG 0071
Hookgrass, <i>Ancistrachne uncinulata</i> (R. Br.) S. T. Blake	CG 0072
Idaho fescue, <i>Festuca idahoensis</i> Elmer subsp. idahoensis	CG 0073
Indian ricegrass, <i>Achnatherum hymenoides</i> (Roem. & Schult.) Barkworth	CG 0074
Intermediate ryegrass, <i>Lolium x hybridum</i>	CG 0075
Japanese brome grass, <i>Bromus japonicus</i> Schrenk	CG 0076
Jian chi que mai, <i>Bromus oxyodon</i> Schrenk	CG 0077
Junegrass, <i>Koeleria macrantha</i> (Ledeb.) Schul.t	CG 0078
Kentucky bluegrass, <i>Poa pratensis</i> L	CG 0079
Lai cao, <i>Leymus secalinus</i> (Georgi) Tzvelev	CG 0080
Lesser canarygrass, <i>Phalaris minor</i> Retz	CG 0081
Letterman's needlegrass, <i>Achnatherum lettermanii</i> (Vasey) Barkworth	CG 0082
Lobed wallabygrass, <i>Rytidosperma auriculatum</i> (J. M. Black) Connor & Edgar	CG 0083
Mammoth wild rye, <i>Leymus ramosus</i> (Trin.) Tzvelev	CG 0084

Grass Commodities – Cool Season Grasses Subgroup 3307	Codes
Mandan ricegrass, <i>Achnella caduca</i> (Beal) Barkworth	CG 0085
Many-stem wild rye, <i>Leymus multicaulis</i> (Kar. & Kir.) Tzvelev	CG0086
Meadow bromegrass, <i>Bromus riparius</i> Rehmman	CG 0087
Meadow fescue, <i>Festuca pratensis</i> Huds.	CG 0088
Meadow foxtail, <i>Alopecurus pratensis</i> L.	CG 0089
Mediterranean bromegrass, <i>Bromus lanceolatus</i> Roth	CG 0090
Mediterranean grass, <i>Schismus barbatus</i> (L.) Thell.	CG 0091
Mosquitoglass, <i>Dasypyrum villosum</i> (L.) P. Candargy	CG 0092
Mountain bromegrass, <i>Bromus carinatus</i> Hook. & Arn. var. <i>marginatus</i> (Steud.) Barkworth & Anderton	CG 0093
Mountain rye, <i>Secale strictum</i> (C. Presl) C. Presl subsp. <i>strictum</i>	CG 0094
Mutton bluegrass, <i>Poa fendlerian</i> (Steud.) Vasey	CG 0095
Needle-and-thread grass, <i>Hesperostipa comata</i> (Trin. & Rupr.) Barkworth subsp. <i>comata</i>	CG 0096
Nelson's needlegrass, <i>Achnatherum nelsonii</i> (Scribn.) Barkworth subsp. <i>nelsonii</i>	CG 0097
Northern wheatgrass, <i>Elymus lanceolatus</i> (Scribn. & J. G. Sm.) Gould subsp. <i>lanceolatus</i>	CG 0098
Nuttall's alkaligrass, <i>Puccinellia nuttalliana</i> (Schult.) Hitchc.	CG 0099
Oat bromegrass, <i>Bromus danthoniae</i> Trin.	CG 0100
One-sided wheatgrass, <i>Elymus trachycaulus</i> (Link) Gould ex Shinners subsp. <i>subsecundus</i> (Link) Å. Löve & D. Löve	CG 0101
Orchardgrass, <i>Dactylis glomerata</i> L.	CG 0102
Oriental false wheatgrass, <i>Eremopyrum orientale</i> (L.) Jaub. & Spach	CG 0103
Parry oatgrass, <i>Danthonia parryi</i> Scribn.	CG 0104
Pasto-arroz, <i>Piptatherum holciforme</i> (M. Bieb.) Roem. & Schult.	CG 0105
Perennial ryegrass, <i>Lolium perenne</i> L.	CG 0106
Perennial veldtgrass, <i>Ehrharta calycina</i> Sm.	CG 0107
Pine reedgrass, <i>Calamagrostis rubescens</i> Buckley	CG 0108
Polargrass, <i>Arctagrostis latifolia</i> (R. Br.) Griseb.	CG 0109
Porter's melic, <i>Melica porter</i> Scribn	CG 0110
Prairiegrass, <i>Bromus catharticus</i> Vahl var. <i>catharticus</i>	CG 0111
Pubescent wheatgrass, <i>Thinopyrum intermedium</i> (Host) Barkworth & D. R. Dewey subsp. <i>barbulatum</i> (Schur) Barkworth & D. R. Dewey	CG 0112
Purple needlegrass, <i>Nassella pulchra</i> (Hitchc.) Barkworth	CG 0113
Quackgrass, <i>Elymus repens</i> (L.) Gould subsp. <i>repens</i>	CG 0114
Quaking grass, <i>Briza media</i> L.	CG 0115
Red bromegrass, <i>Bromus rubens</i> L.	CG 0116
Red fescue, <i>Festuca rubra</i> L. subsp. <i>rubra</i>	CG 0117
Redtop, <i>Agrostis gigantea</i> Roth	CG 0118
Reed canarygrass, <i>Phalaris arundinacea</i> L.	CG 0119
Ringed wallabygrass, <i>Rytidosperma caespitosum</i> (Gaudich.) Connor & Edgar	CG 0120
Rough fescue, <i>Festuca altaica</i> Trin.	CG 0121
Roughstalk bluegrass, <i>Poa trivialis</i> L.	CG 0122
Rush wheatgrass, <i>Thinopyrum ponticum</i> (Podp.) Barkworth & D. R. Dewey	CG 0123
Russian wild rye, <i>Psathyrostachys juncea</i> (Fisch.) Nevski	CG 0124

Grass Commodities – Cool Season Grasses Subgroup 3307	Codes
Sand bluestem, <i>Andropogon hallii</i> Hack.	CG 0125
Sandberg, <i>Poa secunda</i> J. Presl	CG 0126
Sewanggrass, <i>Lasiurus scindicus</i> Henrard	CG 0127
Sha lu cao, <i>Agropyron mongolicum</i> Keng	CG 0128
Sheep fescue, <i>Festuca ovina</i> L.	CG 0129
Short wallabygrass, <i>Rytidosperma carphoides</i> (F. Muell. ex Benth.) Connor & Edgar	CG 0130
Siberian wheatgrass, <i>Agropyron fragile</i> (Roth) P. Candargy	CG 0131
Silver hairgrass, <i>Aira caryophyllea</i> L.	CG 0132
Silvery hairgrass, <i>Aira cupaniana</i> Guss.	CG 0133
Slender oatgrass, <i>Avena barbata</i> Pott ex Link	CG 0134
Slender wheatgrass, <i>Elymus trachycaulus</i> (Link) Gould ex Shinnars subsp. <i>trachycaulus</i>	CG 0135
Small timothy, <i>Phleum nodosum</i> L.	CG 0136
Small-flower wallaby grass, <i>Rytidosperma setaceum</i> (R. Br.) Connor & Edgar	CG 0137
Slender alkalgrass, <i>Puccinellia distans</i> (Jacq.) Parl.	CG 0138
Smilgrass, <i>Piptatherum miliaceum</i> (L.) Coss.	CG 0139
Smooth bromegrass, <i>Bromus inermis</i> Leyss. subsp. <i>inermis</i>	CG 0140
Spike bentgrass, <i>Agrostis exarata</i> Trin.	CG 0141
Spike oatgrass, <i>Helictochloa hookeri</i> (Scribn.) Romero Zarco subsp. <i>hookeri</i>	CG 0142
Spike trisetum, <i>Trisetum spicatum</i> (L.) K. Richt.	CG 0143
Spiked quakinggrass, <i>Briza humilis</i> M. Bieb	CG 0144
Squirreltail, <i>Elymus elymoides</i> (Raf.) Swezey	CG 0145
Straw Wallabygrass, <i>Rytidosperma richardsonii</i> (Cashmore) Connor & Edgar	CG 0146
Swamp millet, <i>Isachne globosa</i> (Thunb.) Kuntze	CG 0147
Tall fescue, <i>Festuca arundinacea</i> Schreb.	CG 0148
Tall oat grass, <i>Arrhenatherum elatius</i> (L.) P. Beauv. ex J. Presl & C. Presl ssp. <i>elatius</i>	CG 0149
Tasselgrass, <i>Eustachys distichophylla</i> (Lag.) Nees	CG 0150
Texas bluegrass, <i>Poa arachnifera</i> Torr.	CG 0151
Tian shan lai cao, <i>Leymus tianschanicus</i> (Drobow) Tzvelev	CG 0152
Timber oatgrass, <i>Danthonia intermedia</i> Vasey	CG 0153
Timothy, <i>Phleum pratense</i> L.	CG 0154
Tufted hairgrass, <i>Deschampsia cespitosa</i> (L.) P. Beauv.	CG 0155
Tumid node bamboo, <i>Chimonobambusa tumidissinoda</i> Hsueh & T. P. Yi ex D.	CG 0156
Upland bentgrass, <i>Agrostis perennans</i> (Walter) Tuck.	CG 0157
Velvet bentgrass, <i>Agrostis canina</i> L.	CG 0158
Velvetgrass, <i>Holcus lanatus</i> L.	CG 0159
Velvet wallabygrass, <i>Rytidosperma pilosum</i> (R. Br.) Connor & Edgar	CG 0160
Virginia wild rye, <i>Elymus virginicus</i> L.	CG 0161
Volga fescue, <i>Festuca valesiaca</i> Schleich. Ex Gaudin	CG 0162
Weepinggrass, <i>Microlaena stipoides</i> (Labill.) R. Br.	CG 0163
Western wheatgrass, <i>Pascopyrum smithii</i> (Rydb.) Barkworth & D. R. Dewey	CG 0164
Wild oatgrass, <i>Avena fatua</i> L.	CG 0165
Yang cao, <i>Leymus chinensis</i> (Trin.) Tzvelev	CG 0166

Grass Commodities – Cool Season Grasses Subgroup 3307	Codes
Yellow oatgrass, <i>Trisetum flavescens</i> (L.) P. Beauv.	CG 0167

Grass Commodities – Warm Season Grasses Subgroup 3308	Codes
Acroceras, <i>Acroceras amplexens</i> Stapf	WG 0001
African bermudagrass, <i>Cynodon nlemfuensis</i> Vanderyst	WG 0002
African bristle grass, <i>Setaria sphacelata</i> (Schumach.) Stapf & C.E. Hubb. var. sphacelata	WG 0003
African foxtail grass, <i>Cenchrus ciliaris</i> L.	WG 0004
African signalgrass, <i>Urochloa arrecta</i> (Hack. ex T. Durand & Schinz) Morrone & Zuloaga	WG 0005
Agtdaepluimgrass, <i>Eragrostis nindensis</i> Ficalho & Hiern	WG 0006
Aleppograss, <i>Sorghum halepense</i> (L.) Pers	WG 0007
Alkali sacaton, <i>Sporobolus airoides</i> (Torr.) Torr	WG 0008
Almum sorghum, <i>Sorghum x almum</i> Parodi	WG 0009
Angleton bluestem, <i>Dichanthium aristatum</i> (Poir.) C. E. Hubb.	WG 0010
Antelopegrass, <i>Echinochloa pyramidalis</i> (Lam.) Hitchc. & Chase	WG 0011
Antigua haygrass, <i>Dichanthium caricosum</i> (L.) A. Camus	WG 0012
Aquatic Job's tears, <i>Coix aquatic</i> Roxb.	WG 0013
Arizona cottongrass, <i>Digitaria californica</i> (Benth.) Henrad	WG 0014
Armgrass millet, <i>Urochloa distachya</i> (L.) T.Q. Nguyen, <i>Urochloa subquadripata</i> (Trin.) R. D. Webster	WG 0015
Arrocillo, <i>Acroceras zizanioides</i> (Kuath) Daudy	WG 0016
Atherstone lovegrass, <i>Eragrostis trichophora</i> Coss. & Durieu	WG 0017
Australian bluestem, <i>Bothriochloa bladhii</i> (Retz.) S. T. Blake	WG 0018
Australian cupgrass, <i>Eriochloa australiensis</i> Stapf ex Thell.	WG 0019
Australian Rhodesgrass, <i>Chloris divaricata</i> R. Br.	WG 0020
Awnless barnyard millet, <i>Echinochloa colona</i> (L.) Link	WG 0021
Bahamagrass, <i>Cynodon dactylon</i> (L.) Pers. var. dactylon	WG 0022
Bahiagrass, <i>Paspalum notatum</i> Flügge	WG 0023
Bai bei yu shan zhu, <i>Yushania glauca</i> T. P. Yi & T. L. Long	WG 0024
Barbwiregrass, <i>Cymbopogon refractus</i> (R. Br.) A. Camus	WG 0025
Barley mitchellgrass, <i>Astrelba pectinata</i> (Lindl.) F. Muell.	WG 0026
Barnyard millet, <i>Echinochloa frumentacea</i> Link	WG 0027
Basilisk signalgrass, <i>Urochloa decumbens</i> (Stapf) R. D. Webster	WG 0028
Beach dropseed, <i>Sporobolus virginicus</i> (L.) Kunth	WG 0029
Bermudagrass, <i>Cynodon dactylon</i> (L.) Pers.	WG 0030
Big alkali sacaton, <i>Sporobolus wrightii</i> Munro ex Scribn.	WG 0031
Big bluestem, <i>Andropogon gerardi</i> Vitman	WG 0032
Big galleta, <i>Pleuraphis rigida</i> Thurb.	WG 0033
Big leaf bristlegrass, <i>Setaria megaphylla</i> (Steud.) T. Durand & Schinz	WG 0034
Black grama, <i>Bouteloua eriopoda</i> (Torr.) Torr.	WG 0035
Blackheads, <i>Enneapogon nigricans</i> (R. Br.) P. Beauv.	WG 0036
Blady grass, <i>Imperata cylindrical</i> (L.) P. Beauv.	WG 0037
Blowoutgrass, <i>Redfieldia flexuosa</i> (Thurb.) Vasey	WG 0038
Blue grama, <i>Bouteloua gracilis</i> (Kunth) Lag. ex Griffiths	WG 0039
Blue panicgrass, <i>Panicum antidotale</i> Retz.	WG 0040
Bottle washers, <i>Enneapogon avenaceus</i> (Lindl.) C. E. Hubb.	WG 0041
Bristle pigeongrass, <i>Setaria verticillata</i> (L.) P. Beauv.	WG 0042



Grass Commodities – Warm Season Grasses Subgroup 3308	Codes
Bristly crabgrass, <i>Digitaria setigera</i> Roth	WG 0043
Bristly foxtailgrass, <i>Setaria barbata</i> (Lam.) Kunth	WG 0044
Bristly lovegrass, <i>Eragrostis setifolia</i> Nees	WG 0045
Broadleaf carpetgrass, <i>Axonopus compressus</i> (Sw.) P. Beauv.	WG 0046
Broadleaf setaria, <i>Setaria sphacelata</i> (Schumach.) Stapf & C.E. Hubb. var. <i>splendida</i> (Stapf) Clayton	WG 0047
Broomsedge, <i>Andropogon virginicus</i> L.	WG 0048
Brown's lovegrass, <i>Eragrostis brownie</i> (Kunth) Nees	WG 0049
Brownseed paspalum, <i>Paspalum plicatum</i> Michx.	WG 0050
Browntop millet, <i>Urochloa ramosa</i> (L.) T.Q. Nguyen	WG 0051
Browntop signalgrass, <i>Urochloa fusca</i> (Sw.) B. F. Hansen & Wunderlin	WG 0052
Brunswick grass, <i>Paspalum nicorae</i> Parodi	WG 0053
Buffalograss, <i>Bouteloua dactyloides</i> (Nutt.) Columbus	WG 0054
Buffelgrass, <i>Cenchrus pennisetiformis</i> Hochst. & Steud.	WG 0055
Bugseed grass, <i>Alloteropsis cimicina</i> (L.) Stapf	WG 0056
Bulb panicgrass, <i>Zuloagaea bulbosa</i> (Kunth) Bess	WG 0057
Bush muhly, <i>Muhlenbergia porteri</i> Scribn. ex Beal	WG 0058
Cane bluestem, <i>Bothriochloa barbinodis</i> (Lag.) Herter	WG 0059
Caribgrass, <i>Eriochloa polystachya</i> Kunth	WG 0060
Carpetgrass, <i>Axonopus fissifolius</i> (Raddi) Kuhlm.	WG 0061
Centipede grass, <i>Ischaemum timorense</i> Kunth	WG 0062
Chalky bluestem, <i>Andropogon glomeratus</i> (Walter) Britton et al. var. <i>glaucoopsis</i> (Elliott) C. Mohr	WG 0063
Channel millet, <i>Echinochloa turneriana</i> (Domin) J.M. Black	WG 0064
Chinese fountaingrass, <i>Cenchrus purpurascens</i> Thunb.	WG 0065
Chinese lovegrass, <i>Eragrostis unioloides</i> (Retz.) Nees	WG 0066
Cockatoo grass, <i>Alloteropsis semialata</i> (R. Br.) Hitchc.	WG 0067
Common crabgrass, <i>Digitaria ciliaris</i> (Retz.) Koeler	WG 0068
Common thatching grass, <i>Hyparrhenia hirta</i> (L.)	WG 0069
Common wild sorghum, <i>Sorghum bicolor</i> (L.) Moench subsp. <i>verticilliflorum</i> (Steud.) de Wet ex Wiersema & J. Dahlb.	WG 0070
Congo signalgrass, <i>Urochloa ruziziensis</i> (R. Germ. & C.M. Evrard) Crins	WG 0071
Corigrass, <i>Urochloa subquadrifera</i> (Trin.) R. D. Webster	WG 0072
Couch paspalum, <i>Paspalum distichum</i> L.	WG 0073
Crabgrass, <i>Digitaria cruciata</i> (Nees) A. Camus	WG 0074
Creeping lovegrass, <i>Eragrostis reptans</i> (Michx.) Nees	WG 0075
Crowfootgrass, <i>Dactyloctenium aegyptium</i> (L.) Willd.	WG 0076
Cupgrass, <i>Eriochloa crebra</i> S. T. Blake	WG 0077
Curly bluegrass, <i>Dichanthium fecundum</i> S. T. Blake	WG 0078
Curly mitchellgrass, <i>Astrebula lappacea</i> (Lindl.) Domin	WG 0079
Curlyleaf, <i>Eragrostis rigidior</i> Pilg.	WG 0080
Curly mesquite, <i>Hilaria belangeri</i> (Steud.) Nash	WG 0081
Cutgrass, <i>Leersia hexandra</i> Sw.	WG 0082
Dallisgrass, <i>Paspalum dilatatum</i> Poir.	WG 0083
Desertgrass, <i>Panicum turgidum</i> Forssk.	WG 0084

Grass Commodities – Warm Season Grasses Subgroup 3308	Codes
Desert saltgrass, <i>Distichlis spicata</i> (L.) Greene var. <i>stricta</i> (Torr.) Scribn.	WG 0085
Diaz bluestem, <i>Dichanthium annulatum</i> (Forssk.) Stapf var. <i>annulatum</i>	WG 0086
Digitgrass, <i>Digitaria milanjiana</i> (Rendle) Stapf	WG 0087
Eastern gamagrass, <i>Tripsacum dactyloides</i> (L.) L.	WG 0088
Elephant grass, see Napier Grass	WG 0089
Ellicotts lovegrass, <i>Eragrostis elliotii</i> S. Watson	WG 0090
Feather fingergrass, <i>Chloris 26ustral</i> Sw.	WG 0091
Feathery pennisetum, <i>Cenchrus polystachios</i> (L.) Morrone	WG 0092
Fine thatchinggrass, <i>Hyparrhenia filipendula</i> (Hochst.) Stapf	WG 0093
Flaccidgrass, <i>Cenchrus flaccidus</i> (Griseb.) Morrone	WG 0094
Foxtail millet, <i>Setaria 26ustra</i> (L.) P. Beauv.	WG 0095
Galletagrass, <i>Pleuraphis jamesii</i> Torr.	WG 0096
Gambagrass, <i>Andropogon gayanus</i> Kunth var. <i>bisquamulatus</i> (Hochst.) Hack.	WG 0097
Gang you zhu, <i>Microstegium ciliatum</i> (Trin.) A. Camus	WG 0098
Garaji, <i>Urochloa lata</i> (Schumach.) C.E. Hubb.	WG 0099
Giant bermudagrass, <i>Cynodon dactylon</i> (L.) Pers. Var. <i>aridus</i> J. R. Harlan & de Wet	WG 0100
Giant stargrass, <i>Cynodon plectostachyus</i> (K. Schum.) Pilg	WG 0101
Giant thatchinggrass, <i>Hyparrhenia rufa</i> (Nees) Stapf	WG 0102
Giant thorny bamboo, <i>Bambusa bambos</i> (L.) Voss	WG 0103
Goatgrass, <i>Aegilops speltoides</i> Tausch	WG 0104
Golden beardgrass, <i>Chrysopogon fulvus</i> (Spreng.) Chiov	WG 0105
Golden bristlegrass, <i>Setaria sphacelata</i> (Schumach.) Stapf & C.E. Hubb. Var. <i>Anceps</i> (Stapf) Veldkamp	WG 0106
Grazing brome grass, <i>Bromus catharticus</i> Vahl var. <i>elatus</i> (E. Desv.) Planchuelo	WG 0107
Green muhly, <i>Muhlenbergia 26ustral26</i> (Michx.) Britton et al.	WG 0108
Green sprangletop, <i>Disakisperma dubia</i> (Kunth) P. M. Peterson & N. Snow	WG 0109
Guang gao liang, <i>Sorghum nitidum</i> (Vahl) Pers.	WG 0110
Guatemalan grass, <i>Tripsacum andersonii</i> J. R. Gray	WG 0111
Guineagrass, <i>Megathyrsus maximus</i> (Jacq.) B. K. Simon & S. W. L. Jacobs	WG 0112
Hairy awn muhly, <i>Muhlenbergia capillaris</i> (Lam.) Trin.	WG 0113
Hairy crabgrass, <i>Digitaria sanguinalis</i> (L.) Scop.	WG 0114
Hairy grama, <i>Bouteloua 26ustral</i> Lag.	WG 0115
Hairy flower woollybuttgrass, <i>Eragrostis laniflora</i> Benth.	WG 0116
Hairy sheath lovegrass, <i>Eragrostis polytricha</i> Nees.	WG 0117
Halfagrass, <i>Desmostachya bipinnata</i> (L.) Stapf	WG 0118
Hooded windmillgrass, <i>Chloris cucullata</i> Bisch.	WG 0119
Hoop mitchellgrass, <i>Astrebala elymoides</i> F. Muell. Ex F.M. Bailey	WG 0120
Imperialgrass, <i>Axonopus scoparius</i> (Flüggé) Kuhlm.	WG 0121
Indiangrass, <i>Sorghastrum nutans</i> (L.) Nash	WG 0122
Indian muraingrass, <i>Ischaemum ciliare</i> Retz.	WG 0123
Indian paspalum, <i>Paspalum scrobiculatum</i> L.	WG 0124
Japanese millet, <i>Echinochloa esculenta</i> (A. Braun) H. Scholz	WG 0125
Johnsongrass, <i>Sorghum halepense</i> (L.) Pers.	WG 0126

Grass Commodities – Warm Season Grasses Subgroup 3308	Codes
Kikuyugrass, <i>Cenchrus clandestinus</i> (Hochst. Ex Chiov.) Morrone	WG 0127
King ranch bluestem, <i>Bothriochloa ischaemum</i> (L.) Keng var. <i>Songarica</i> (Rupr. Ex Fisch. & C. A. Mey.) Celarier & J. R. Harlan	WG 0128
Kleingrass, <i>Panicum coloratum</i> L. Var. <i>Coloratum</i>	WG 0129
Knottybuttgrass, <i>Eragrostis xerophila</i> Domin	WG 0130
Koleagrass, <i>Phalaris elongate</i> Braun-Blanq.	WG 0131
Kyasuwagrass, <i>Cenchrus pedicellatus</i> (Trin.) Morrone	WG 0132
Landgrass, <i>Panicum schinzii</i> Hack.	WG 0133
Lehmann's lovegrass, <i>Eragrostis lehmanniana</i> Nees	WG 0134
Lesser speargrass, <i>Chrysopogon aciculatus</i> (Retz.) Trin	WG 0135
Limpograss, <i>Hemarthria altissima</i> (Poir.) Stapf & C. E. Hubb.	WG 0136
Little bluestem, <i>Schizachyrium scoparium</i> (Michx.) Nash	WG 0137
Maidencaue, <i>Panicum hemitomom</i> Schult.	WG 0138
Makarikarigrass, <i>Panicum coloratum</i> L. var. <i>makarikariense</i> Gooss.	WG 0139
Mallee lovegrass, <i>Eragrostis dielsii</i> Pilg.	WG 0140
Manilagrass, <i>Zoysia matrella</i> (L.) Merr.	WG 0141
Marshhay cordgrass, <i>Spartina patens</i> (Aiton) H.L. Muhl.	WG 0142
Mascarene grass, <i>Zoysia tenuifolia</i> Willd. Ex Thiele	WG 0143
Mediterranean lovegrass, <i>Eragrostis barrelieri</i> Daveau	WG 0144
Missiongrass, <i>Cenchrus polystachios</i> (L.) Morrone subsp. <i>polystachios</i>	WG 0145
Molassesgrass, <i>Melinis minutiflora</i> P. Beauv.	WG 0146
Multiflower false Rhodesgrass, <i>Trichloris pluriflora</i> E. Fourn.	WG 0147
Musalgrass, <i>Iseilema laxum</i> Hack.	WG 0148
Napiergrass, <i>Cenchrus purpureus</i> (Schumach.) Morrone	WG 0149
Natal crowfoot, <i>Dactyloctenium 27</i> Austral Steud.	WG 0150
Natalgrass, <i>Cenchrus unisetus</i> (Nees) Morrone	WG 0151
Nilegrass, <i>Acroceras macrum</i> Stapf	WG 0152
Olive hymenachne, <i>Hymenachne amplexicaulis</i> (Rudge) Nees	WG 0153
Palisade signalgrass, <i>Urochloa brizantha</i> (Hochst. Ex A. Rich.) R. D. Webster	WG 0154
Pampasgrass, <i>Cortaderia selloana</i> (Schult. & Schult. F.) Asch. & Graebn.	WG 0155
Pangolagrass, <i>Digitaria eriantha</i> Steud.	WG 0156
Paragrass, <i>Urochloa mutica</i> (Forssk.) T. Q. Nguyen	WG 0157
Pasto micay, <i>Axonopus micay</i> Garcia-Barr.	WG 0158
Pata-de-gallo, <i>Eustachys retusa</i> (Lag.) Kunth	WG 0159
Perennial cupgrass, <i>Eriochloa pseudoacrotricha</i> (Stapf ex Thell.) C. E. Hubb. Ex S. T. Blake	WG 0160
Pine dropseed, <i>Blepharoneuron tricholepis</i> (Torr.) Nash	WG 0161
Pitted bluestem, <i>Bothriochloa pertusa</i> (L.) A. Camus	WG 0162
Plain neverfail, <i>Eragrostis eriopoda</i> Benth.	WG 0163
Plains bristlegrass, <i>Setaria macrostachya</i> Kunth	WG 0164
Plains lovegrass, <i>Eragrostis intermedia</i> Hitch.	WG 0165
Prairie sandreed, <i>Calamovilfa longifolia</i> (Hook.) Scribn.	WG 0166
Queensland bluegrass, <i>Dichanthium sericeum</i> (R. Br.) A. Camus	WG 0167
Red oatgrass, <i>Themeda triandra</i> Forssk.	WG 0168
Redleg grass, <i>Bothriochloa macra</i> (Steud.) S.T. Blake	WG 0169

Grass Commodities – Warm Season Grasses Subgroup 3308	Codes
Rhodesgrass, <i>Chloris gayana</i> Kunth	WG 0170
Ribbed murainagrass, <i>Ischaemum rugosum</i> Salisb.	WG 0171
Ring muhly, <i>Muhlenbergia torreyi</i> (Kunth) Hitchc.	WG 0172
Rothrock's grama, <i>Bouteloua barbata</i> var. <i>rothrockii</i> (Vasey) Gould	WG 0173
Sabigrass, <i>Urochloa mosambicensis</i> (Hack.) Dandy	WG 0174
Saltwater cordgrass, <i>Spartina alterniflora</i> Loisel.	WG 0175
Sand dropseed, <i>Sporobolus cryptandrus</i> (Torr.) A. Gray	WG 0176
Sand lovegrass, <i>Eragrostis trichodes</i> (Nutt.) Alph. Wood	WG 0177
Scrub sandbur, <i>Centotheca lappacea</i> (L.) Desv.	WG 0178
Seashore centipedegrass, <i>Ischaemum muticum</i> L.	WG 0179
Shortleaf panicgrass, <i>Panicum brevifolium</i> L.	WG 0180
Sideoats grama, <i>Bouteloua curtipendula</i> (Michx.) Torr.	WG 0181
Silky bluegrass, <i>Dichanthium sericeum</i> (R. Br.) A. Camus subsp. <i>sericeum</i>	WG 0182
Silver bluestem, <i>Bothriochloa laguroides</i> (DC.) Herter subsp. <i>torreyana</i> (Steud.) Allred & Gould	WG 0183
Six weeks threeawn, <i>Aristida adscensionis</i> L.	WG 0184
Slender bluegrass, <i>Dichanthium sericeum</i> (R. Br.) A. Camus subsp. <i>humilius</i> (J. M. Black) B. K. Simon	WG 0185
Slender bottle washers, <i>Enneapogon gracilis</i> (R. Br.) P. Beauv.	WG 0186
Slender panicgrass, <i>Ottochloa nodosa</i> (Kunth) Dandy	WG 0187
Smooth crabgrass, <i>Digitaria ischaemum</i> (Schreb.) Schreb. Ex Muhl.	WG 0188
Sour paspalum, <i>Paspalum conjugatum</i> P.J. Bergius	WG 0189
Spear grass, see Tanglehead	WG 0190
Spiderweb chloris, <i>Chloris pycnothrix</i> Trin.	WG 0191
Spike dropseed, <i>Sporobolus contractus</i> Hitchc.	WG 0192
Spikegrass, <i>Elytrophorus spicatus</i> (Willd.) A. Camus	WG 0193
Spotted signalgrass, <i>Urochloa nigropedata</i> (Munro ex Ficalho & Hiern) A. M. Torres & C. M. Morton	WG 0194
St. Augustinegrass, <i>Stenotaphrum secundatum</i> (Walter) Kuntze	WG 0195
Stargrass, <i>Cynodon aethiopicus</i> Clayton & J.R. Harlan	WG 0196
Streambed bristlegrass, <i>Setaria leucopila</i> (Scribn. & Merr.) K. Schum.	WG 0197
Sudangrass, <i>Sorghum bicolor</i> (L.) Moench nothosubsp. <i>Drummondii</i> (Steud.) de Wet ex Davidse	WG 0198
Sunolgrass, <i>Phalaris coerulescens</i> Desf.	WG 0199
Sweet signalgrass, <i>Moorochloa eruciformis</i> (Sm.) Veldkamp	WG 0200
Sweetcane, <i>Saccharum arundinaceum</i> Retz.	WG 0201
Switchgrass, <i>Panicum virgatum</i> L.	WG 0202
Tall dropseed, <i>Sporobolus composites</i> (Poir.) Merr.	WG 0203
Tall mannagrass, <i>Glyceria elata</i> (Nash.) Hitchc.	WG 0204
Tanglehead, <i>Heteropogon contortus</i> (L.) P. Beauv. Ex Roem. & Schult.	WG 0205
Tassel bluegrass, <i>Dichanthium sericeum</i> (R. Br.) A. Camus subsp. <i>polystachyum</i> (Benth.) B. K. Simon	WG 0206
Thalia lovegrass, <i>Eragrostis atrovirens</i> (Desf.) Trin. Ex Steud.	WG 0207
Thurstongrass, <i>Urochloa glumaris</i> (Trin.) Veldkamp	WG 0208
Tigergrass, <i>Thysanolaena latifolia</i> (Roxb. Ex Hornem.) Honda	WG 0209

Grass Commodities – Warm Season Grasses Subgroup 3308	Codes
Tinloy, <i>Chrysopogon orientalis</i> (Desv.) A. Camus	WG 0210
Tobosagrass, <i>Pleuraphis mutica</i> Buckley	WG 0211
Torpedograss, <i>Panicum repens</i> L.	WG 0212
Turkestan bluestem, <i>Bothriochloa ischaemum</i> (L.) Keng var. <i>ischaemum</i>	WG 0213
Uganda grass, see Napier grass	WG 0214
Vaseygrass, <i>Paspalum urvillei</i> Steud.	WG 0215
Weeping lovegrass, <i>Eragrostis curvula</i> (Schad.) Nees	WG 0216
White fountaingrass, <i>Cenchrus orientalis</i> (Rich.) Morrone	WG 0217
Wilman lovegrass, <i>Eragrostis superba</i> Peyr.	WG 0218
Wolvoet panicum, <i>Panicum lanipes</i> Mez	WG 0219
Woolgrass, <i>Anthephora pubescens</i> Nees	WG 0220
Woolly lovegrass, <i>Eragrostis ciliaris</i> (L.) R. Br.	WG 0221
Yellow bristleglass, <i>Setaria pumila</i> (Poir.) Roem. & Schult. subsp. <i>pumila</i>	WG 0222
Yellow watercrowngrass, <i>Paspalidium flavidum</i> (Retz.) A. Camus	WG 0223
Yi mi, <i>Coix lacryma-jobi</i> L. var. <i>ma-yuen</i> (Rom. Caill.) Stapf	WG 0224
Yin hua cao, <i>Crypsis aculeata</i> (L.) Aiton	WG 0225
Yushania, <i>Yushania microphylla</i> (Munro) R. B. Majumdar	WG 0226
Zoysiagrass, <i>Zoysia japonica</i> Steud.	WG 0227