

# CODEX ALIMENTARIUS COMMISSION



Food and Agriculture  
Organization of the  
United Nations



World Health  
Organization

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Agenda Item 7(a) and 7(c)

CRD027  
July 2021

## JOINT FAO/WHO FOOD STANDARDS PROGRAMME

### CODEX COMMITTEE ON PESTICIDE RESIDUES

52<sup>nd</sup> Session

(Virtual)

26-30 July and 3 August 2021

#### REVISION OF THE CLASSIFICATION OF FOOD AND FEED:

#### CLASS C: PRIMARY ANIMAL FEED COMMODITIES INCLUDING ISSUES RELATED TO FODDER COMMODITIES AND THE CORRESPONDING TABLE 7 FOR EXAMPLES OF REPRESENTATIVE COMMODITIES

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

#### BACKGROUND

This CRD needs to be read in conjunction with CL 2021/37/OCS-PR and with CX/PR/52/6 and CX/PR/20/52/8 which include background of the discussions in previous CCPR meetings and the discussions in the Electronic Working Groups can be found.

In this document the comments received on CL 2021/37/OCS-PR, the results of the discussion in the pre-meeting of 22 July 2021 and subsequent comments are highlighted in yellow in the Appendices.

#### RECOMMENDATIONS in CL2021/37/OCS-PR and Pre-meeting

The participants in the pre-meeting of CCPR52 on July 22, 2021 agreed with the proposed revisions in CL 2021/37/OCS-PR and provided the following comments.

- Educador proposed the addition of (1) Centrosema (*Centrosema pubescens*); (2) Pega pega (*Desmodium spp.*); (3) Leucaena (*Leucaena glauca*); (4) Matarraton (*Gliricinia sepium*); (5) Dormilona (*Chamae cristanictitans*) and (6) Idigofera (*Indigofera suffruticosa*). These commodities were added to Class C under their English names as follows: (1) Butterfly pea; (2) Tick clover; (3) the scientific name *Leucaena leucocephala* has been included under AL 3509, Leucaena, forage; AL 3510, Leucaena, silage; AL 3526 Leucaena, hay and/or straw and AL 3534, Leucaena, leaf meal; (4) Gliricidia, (5) Sensitive partridge pea and (6) Anil indigo.

#### RECOMMENDATIONS Subsequent to the Pre-meeting

- Nigeria proposed the addition of sesame meal (already included), mustard meal (already included as rape seed meal), mustard oil (already included), cassava dry chips (added) and cotton seed meal (already included).
- Japan proposed (1) amending "Turnip, fodder" to "Turnip, hay and/or straw" and transfer to subgroups 052B as they are dried commodities; this commodity has been added and (2) adding "Beet, hay and/or straw" to subgroup 052B. This commodity has been added as "Fodder beet, hay and/or straw" in subgroup 52B.
- In addition, the commodity Sweet potato vines, hulls and silage has been separated into their respective individual commodities.

**RECOMMENDATIONS**

- 1 CCPR is invited to consider the revised Class C (Appendix I) taking into account: (i) the decisions made by CCPR51 in relation to the approach to the revision of this Class; (ii) the conclusions and recommendations of the EWG and the pre-meeting; (iii) the revisions and issues raised under Agenda Items 7(a/d); (iv) the impact of the revision of Class C on the database for animal feeds (Agenda Item 7(d)); (v) the comments submitted in reply to CL 2021/37-PR; and the new recommendation received after the pre-meeting
- 2 CCPR is also invited to consider the transfer of commodities from Class D to Class C. Appendix III
- 3 CCPR is invited to consider the proposals for examples of representative commodities for the revised Class C (Appendix II) taking into account: (i) the decisions made by CCPR49 in relation to the structure of Class C; (ii) the decisions made by CCPR51 in relation to the approach to the revision of this class; (iii) the conclusions of the EWG; (iv) the revisions and issues raised under Agenda Items 7(a); (v) the impact of the revision of Class C and Class D on the database for animal feeds (Agenda Item 7(d)); and (vi) the comments submitted in reply to CL 2021/37-PR and the discussion in the pre-meeting.

**APPENDIX I**

**CLASS C – PRIMARY FEED COMMODITIES**  
**TYPE 11 – PRIMARY FEED COMMODITIES OF PLANT ORIGIN**  
**(For comments)**

| Type | No.                                      | Group   | Group Letter Code |
|------|--|---|-------------------|
| 11   | Primary feed commodities of plant origin |   |                   |
|      | 050                                      | Legume feed products  |                   |
|      |  | Subgroup 050A: Products of legume feeds with high water (≥20%) content (forage and silage)                              | AL                |
|      |  | Subgroup 050B: Products of legume feeds with low water (<20%) content (hay)   | AL                |
|      |  | Subgroup 050C: Processed products of legume feeds (such as meal, hulls)   | AL                |
|      | 051                                      | Cereal grains (including pseudocereals) and grass feed products   |                   |
|      |  | Subgroup 051A: Cereal grains (including pseudocereals) feed products with high water (≥20%) content (forage and silage) | AS                |
|      |  | Subgroup 051B: Cereal grains (including pseudocereals) feed products with low water (<20%) content (hay, straw)         | AS                |
|      |  | Subgroup 051C: Cereal grains (including pseudocereals) processed products (such as bran, hulls)                         | AS                |
|      |  | Subgroup 051D: Grasses for Animal Feed  | AS                |
|      | 052                                      | Miscellaneous feed products   |                   |
|      |  | Subgroup 052A: Miscellaneous feed products with high water (≥20%) content (forage, beet tops)                           | AM                |
|      |  | Subgroup 052B: Miscellaneous feed products with low water (<20%) content (hay)  | AM                |
|      |  | Subgroup 052C: Miscellaneous processed products (such as meal, hulls, dried pulp)                                       | AM                |

**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 analyzed): **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 analyzed 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 (≥20%) content (forage and silage) | AL   |
| Subgroup 050B: Products of legume feeds with low water (<20%) content (hay)                | AL   |
| Subgroup 050C: Processed products of legume feeds (such as meal, hulls)                    | AL   |

**Group 050 LEGUME FEED PRODUCTS**AL 0157 **Group of Legume animal feeds****Subgroup 050A, Products of legume feeds with high water (≥20%) content (forage and silage)****Code No.** **Commodity**AL 3300 **Subgroup of Products of legume feeds with high water (≥20%) content (forage and silage) (includes all commodities in this subgroup)**AL 1021 **Alfalfa, forage***Medicago sativa* L., subsp. *sativa* L.AL 3493 **Alfalfa, silage***Medicago sativa* L., subsp. *sativa* L.AL 3494 **Anil indigo, forage***Indigofera suffruticosa* Mill.AL 1030 **Bean, forage***Phaseolus* spp.AL 3495 **Bean, forage***Vigna* spp.- **Bean, Adzuki, forage, see Bean, forage, AL 3495***Vigna angularis* (Willd.) Ohwi & H. Ohashi var. *angularis*AL 3496 **Berlandier acacia, forage***Senegalia berlandieri* (Benth.) Britton & RoseAL 3497 **Black medic, forage***Medicago lupulina* L.AL 3498 **Black wattle, forage***Acacia mearnsii* DeWild.AL 3499 **Brazilian stylo, forage***Stylosanthes guianensis* (Aubl.) Sw.*Stylosanthes hamata* (L.) Taub.AL 3500 **Burclover, forage***Medicago* spp.; Burclover, California, *Medicago polymorpha* L.; Burclover, spotted, *Medicago arabica* (L.) Huds.AL 3501 **Butterfly pea, forage***Centrosema pubescens* Benth.- **Chickling vetch, forage, see Vetch, forage, AL 1029**AL 3502 **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 ambiguum* 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.; Spärrklöver, *Trifolium squarrosum* L.

- AL 3503 **Clover, silage**  
*Trifolium* spp. and *Melilotus* spp. (see AL 1023, Clover, forage for included species)
- **Cowpea, forage**, see Bean, forage, AL 3495  
*Vigna unguiculata* (L.) Walp.
- AL 3504 **Gliricidia, forage**  
*Gliricidia sepium* (Jacq.) Kunth
- **Grass pea, forage**, see Vetch, forage, AL 1029
- AL 3505 **Horse bean, forage**  
*Vicia faba* L. var. *equina* St.-Amans
- AL 3506 **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 3507 **Leadplant, forage**  
*Amorpha canescens* Pursh
- AL 3508 **Lentil, forage**  
*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 3509 **Leucaena, forage**  
*Leucaena leucocephala* (Lam.) deWit, *Acaciella glauca* (L.) L. Rico
- AL 3510 **Leucaena, silage**  
*Leucaena leucocephala* (Lam.) deWit, *Acaciella glauca* (L.) L. Rico
- 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 3511 **Pea, silage**  
*Pisum* spp.
- AL 0528 **Pea, vines (green)**  
*Pisum* spp.
- AL 1270 **Peanut, forage (green)**  
*Arachis hypogaea* L.
- AL 0537 **Pea, pigeon, forage**  
*Cajanus cajan* (L.) Huth
- **Puero, forage** see Kudzu, forage, AL 1024

- Pueraria phaseoloides* (Roxb.) Benth.
- AL 3512 **Purple prairie clover, forage**  
*Dalea purpurea* Vent.
- AL 3513 **Roundleaf cassia, forage**  
*Chamaecrista rotundifolia* (Pers.) Greene
- AL 1027 **Sainfoin, forage**  
*Onobrychis viciifolia* Scop.  
syn: *O. sativa* Lamk.
- AL 3514 **Sainfoin, silage**  
*Onobrychis viciifolia* Scop.
- AL 3515 **Sensitive partridge pea, forage**  
*Chamaecrista nictitans* (L.) Moench
- **Sericea, forage**, see Lespedeza, forage, AL 1025
- AL 3516 **Sesbania, forage**  
*Sesbania exaltata* (Raf.) Rydb.
- AL 1265 **Soya bean, forage**  
*Glycine max* (L.) Merr;
- AL 3517 **Soya bean, silage**  
*Glycine max* (L.) Merr;
- AL 3518 **Thorn mimosa, forage**  
*Vachellia nilotica* (L.) P. J. H. Hurter & Mabb. subsp. *Nilotica*
- AL 3519 **Tick clover, forage**  
*Desmodium* spp.
- AL 1028 **Trefoil, forage**  
*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
- **Tropical kudzu**, see Kudzu, forage, AL 1024
- **Vetch, Chickling, forage**, see Vetch, forage, AL 1029  
*Lathyrus sativus* L.
- **Vetch, Chickling, silage**, see Vetch, silage, AL 3520  
*Lathyrus sativus* L.
- **Vetch, Crown, forage**, see Vetch, forage, AL 1029  
*Coronilla varia* L.
- **Vetch, Crown, silage**, see Vetch, silage, AL 3520  
*Coronilla varia* L.
- AL 1029 **Vetch, forage**  
*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.
- **Vetch, Milk, forage**, see Vetch, forage, AL 1029  
*Astragalus* spp.
- **Vetch, Milk, silage**, see Vetch, silage, AL 3520  
*Astragalus* spp.

AL 3520 **Vetch, silage**  
*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.

**Subgroup 050B, Products of legume feeds with low water (<20%) content (hay)**

| <u>Code No.</u> | <u>Commodity</u>  |
|-----------------|---|
| AL 3301         | <b>Subgroup of Products of legume feeds with low water (&lt;20%) content (hay) (includes all commodities in this subgroup)</b>  |
| AL 1020         | <b>Alfalfa, hay and/or straw</b><br><i>Medicago sativa</i> L., subsp. <i>sativa</i> L.  |
| AL 0061         | <b>Bean, hay and/or straw</b><br><i>Phaseolus</i> spp.  |
| AL 3521         | <b>Bean, hay and/or straw</b><br><i>Vigna</i> spp.  |
| -               | <b>Bean, Adzuki, hay and/or straw</b> , see Bean, hay and/or straw, AL 3521<br><i>Vigna angularis</i> (Willd.) Ohwi & H. Ohashi var. <i>angularis</i>   |
| -               | <b>Bean, Broad, hay and/or straw</b> , See Bean, hay and/or straw, AL 0061<br><i>Vicia faba</i> L. subsp. <i>faba</i> var. <i>faba</i>  |
| -               | <b>Bean, goa, hay and/or straw</b> , See Bean, hay and/or straw, AL 0061<br><i>Psophocarpus tetragonolobus</i> (L.) DC.   |
| -               | <b>Bean, lablab, hay and/or straw</b> , See Bean, hay and/or straw, AL 0061<br><i>Lablab purpureus</i> (L.) Sweet ssp. <i>purpureus</i>   |
| -               | <b>Bean, mung, hay and/or straw</b> , See Bean, hay and/or straw, AL 3521<br><i>Vigna radiata</i> (L.) Wilczek var. <i>radiata</i>  |
| -               | <b>Bean, rice, hay and/or straw</b> , See Bean, hay and/or straw, AL 3521<br><i>Vigna umbellata</i> (Thunb.) Ohwi & H. Ohashi   |
| -               | <b>Bean, runner, hay and/or straw</b> , See Bean, hay and/or straw, AL 0061<br><i>Phaseolus coccineus</i> L.  |
| -               | <b>Bean, tepary, hay and/or straw</b> , See Bean, hay and/or AL 0061<br><i>Phaseolus acutifolius</i> A. Gray var. <i>acutifolius</i>  |
| -               | <b>Bean, urd, hay and/or straw</b> , See Bean, hay and/or straw, AL 3521<br><i>Vigna mungo</i> (L.) Hepper var. <i>mungo</i>  |
| -               | <b>Bean, yardlong, hay and/or straw</b> , See Bean, hay and/or AL 3521<br><i>Vigna unguiculata</i> (L.) Walp. subsp. <i>unguiculata</i> group <i>sesquipedalis</i>  |
| AL 1022         | <b>Bean, velvet, hay and/or straw</b><br><i>Mucuna pruriens</i> (L.) DC. var. <i>utilis</i> (Wall. ex Wight) Baker ex Burck   |
| AL 3522         | <b>Brazilian stylo, hay and/or straw</b><br><i>Stylosanthes guianensis</i> (Aubl.) Sw.<br><i>Stylosanthes hamata</i> (L.) Taub.<br><b>Catjang, hay and/or straw</b> , See Bean, hay and/or straw, AL 3521<br><i>Vigna unguiculata</i> (L.) Walp. subsp. <i>unguiculata</i> group <i>biflora</i> |
| AL 3523         | <b>Centurion, hay and/or straw</b><br><i>Centrosema pascuorum</i> Murt. Ex Benth.   |
| AL 0524         | <b>Chick-pea, hay and/or straw</b>  |



- Cicer arietinum* L.
- AL 1031 **Clover, hay and/or straw**  
*Trifolium* spp. and *Melilotus* spp.
- **Cowpea, hay and/or straw**, see Bean, hay and/or straw, AL 3521  
*Vigna unguiculata* (L.) Walp.
- AL 3524 **Crotalaria, hay and/or straw**  
*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 4425 **Guar, hay and/or straw**  
*Cyamopsis tetragonoloba* (L.) Taub.
- AL 0562 **Horse gram, hay and/or straw**  
*Macrotyloma uniflorum* (Lam.) Verde.
- AL 0532 **Jack bean, hay and/or straw**  
*Canavalia ensiformis* (L.) DC.
- AL 3525 **Lespedeza, hay and/or straw**  
*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 3526 **Leucaena, hay and/or straw**  
*Leucaena leucocephala* (Lam.) deWit, *Acaciella glauca* (L.) L. Rico
- AL 0072 **Pea, hay and/or straw**  
*Pisum* spp.
- **Pea, pigeon, hay and/or straw**, see Pea, hay and/or straw, AL 0072  
*Cajanus cajan* (L.) Huth
- **Pea, southern, hay and/or straw**, see Bean, hay and/or straw, AL 3521  
*Vigna unguiculata* (L.) Walp. subsp. *unguiculata* group *unguiculata*
- AL 0697 **Peanut, hay and/or straw**  
*Arachis hypogaea* L.
- AL 3527 **Perennial peanut, hay and/or straw**  
*Arachis glabrata* Benth. var. *glabrata*; Pinto peanut, *Arachis pintoii* Krapov. & W.C. Greg
- AL 3528 **Purple prairie-clover, hay and/or straw**  
*Dalea purpurea* Vent.
- AL 3529 **Sainfoin, hay and/or straw**  
*Onobrychis viciifolia* Scop.
- AL 0541 **Soya bean, hay and/or straw**  
*Glycine max* (L.) Merr;
- AL 3530 **Trefoil, hay and/or straw**  
*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
- **Velvet bean, hay and/or straw**, see Bean, Velvet, hay and/or straw, AL 1022  
*Mucuna pruriens* (L.) DC. var. *utilis* (Wall. ex Wight) Baker ex Burck
- AL 3531 **Vetch, hay and/or straw**  
*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.  
 - **Vetch, Chickling, hay and/or straw**, see Vetch, hay and/or straw, AL 3531  
*Lathyrus sativus* L.  
 - **Vetch, Crown, hay and/or straw**, see Vetch, hay and/or straw, AL 3531  
*Coronilla varia* L.  
 - **Vetch, Milk, hay and/or straw**, see Vetch, hay and/or straw, AL 3531  
*Astragalus* spp.

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

| <u>Code No.</u> | <u>Commodity</u>  |
|-----------------|---|
| AL 3302         | <b>Subgroup of Processed products of legume feeds (like meal, hulls) (includes all commodities in this subgroup)</b>  |
| AL 3532         | <b>Alfalfa, cubes</b><br><i>Medicago sativa</i> L., subsp. <i>sativa</i> L.   |
| AL 3533         | <b>Alfalfa, meal</b><br><i>Medicago sativa</i> L., subsp. <i>sativa</i> L.  |
| AL 3534         | <b>Leucaena, leaf meal</b><br><i>Leucaena leucocephala</i> (Lam.) de Wit, <b><i>Acaciella glauca</i> (L.) L. Rico</b> |
| AL 3535         | <b>Lupin, meal</b><br><i>Lupinus</i> spp., varieties and cultivars  |
| AL 3536         | <b>Pea, hulls</b><br><i>Pisum</i> spp.  |
| AL 3537         | <b>Pea, meal</b><br><i>Pisum</i> spp.   |
| AL 3538         | <b>Soya bean, hulls</b><br><i>Glycine max</i> (L.) Merr;  |
| AL 3539         | <b>Soya bean, meal</b><br><i>Glycine max</i> (L.) Merr;   |

**Group 051 CEREAL GRAINS (INCLUDING PSEUDOCEREALS) AND GRASS FEED PRODUCTS**

Class C

Type 11 Primary feed commodities of plant origin

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

The forage, hay and straw of cereal grains, grasses and processed products are derived from various plants of the grass family (Poaceae (alt. 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.

**Silage:** Finely chopped feed that is packed tight, and allowed to ferment in an air-tight environment until it reaches a pH of 4-5.

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

This Group is divided into 4 subgroups:

|   | Code |
|---|------|
| Subgroup 051A: Cereal grains (including pseudocereals) feed products with high water (≥20%) content (forage and silage) | AS   |
| Subgroup 051B: Cereal grains (including pseudocereals) feed products with low water (<20%) content (hay, straw)         | AS   |
| Subgroup 051C: Cereal grains (including pseudocereals) processed products (such as bran, hulls)                         | AS   |
| Subgroup 051D: Grasses for Animal Feed  | AS   |

**Group 051 CEREAL GRAINS (INCLUDING PSEUDOCEREALS) FEED PRODUCTS**

**Subgroup 051A, Cereal grains (including pseudocereals) feed products with high water (≥20%) content (forage and silage)**

| <u>Code No.</u> | <u>Commodity</u>  |
|-----------------|---|
| AS 3303         | <b>Subgroup of Cereal grains (including pseudocereals) feed products with high water (≥20%) content (forage and silage) (Includes all commodities in this subgroup) (see Group 020 Cereal grains (code GC 0080) for commodities included in cereal grains)</b>  |
| AS 0460         | <b>Amaranth, forage</b><br><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 3540         | <b>Barley, forage</b><br><i>Hordeum vulgare</i> L. subsp. <i>Vulgare</i>  |
| AS 3541         | <b>Barley, silage</b><br><i>Hordeum vulgare</i> L. subsp. <i>vulgare</i>  |
| AS 3542         | <b>Buckwheat, forage</b><br><i>Fagopyrum esculentum</i> Moench  |
| AS 3543         | <b>Canarygrass, annual, forage</b><br><i>Phalaris canariensis</i> L.  |
| -               | <b>Corn, forage</b> , see Maize forage, AS 0645   |
| -               | <b>Corn, silage</b> , See Maize silage, AS 3544<br><i>Zea mays</i> L.   |
| -               | <b>Field corn, forage</b> , see Maize forage, AS 0645   |
| -               | <b>Field corn, silage</b> , See Maize silage, AS 3544<br><i>Zea mays</i> L.   |
| AS 0643         | <b>Hungry rice, forage</b><br><i>Digitaria iburua</i> Stapf; Fonio, white, <i>Digitaria exilis</i> (Kippist) Stapf  |
| AS 0645         | <b>Maize, forage</b><br><i>Zea mays</i> L.  |
| AS 3544         | <b>Maize, silage</b><br><i>Zea mays</i> L.  |
| AS 3545         | <b>Millet, forage</b><br>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. |
| AS 0647         | <b>Oat, forage (green)</b><br><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.  |
| AS 3546         | <b>Oat, silage</b><br><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.  |
| AS 3547         | <b>Rice, forage</b><br><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.  |
| AS 3548         | <b>Rice, silage</b><br><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.  |

|         |  |
|---------|--|
| AS 0650 | <b>Rye, forage</b><br><i>Secale cereale</i> L.   |
| AS 3549 | <b>Rye, silage</b><br><i>Secale cereale</i> L.   |
| AS 0651 | <b>Sorghum, forage (green)</b><br><i>Sorghum bicolor</i> (L.) Moench;<br>other <i>Sorghum</i> spp. |
| AS 3550 | <b>Sorghum, silage</b><br><i>Sorghum bicolor</i> (L.) Moench;<br>other <i>Sorghum</i> spp.         |
| AS 0447 | <b>Sweet corn, forage</b><br><i>Zea mays</i> L. subsp. <i>mays</i>                                 |
| AS 0653 | <b>Triticale, forage</b><br>x <i>Triticosecale</i> sp.   |
| AS 3551 | <b>Triticale, silage</b><br>x <i>Triticosecale</i> sp.   |
| AS 3552 | <b>Wheat, forage</b><br><i>Triticum aestivum</i> L. subsp. <i>aestivum</i>                         |
| AS 3553 | <b>Wheat, silage</b><br><i>Triticum aestivum</i> L. subsp. <i>aestivum</i>                         |

**Subgroup 051B Cereal grains (including pseudocereals) feed products with low water (<20%) content (hay, straw)**

| <u>Code No.</u> | <u>Commodity</u>   |
|-----------------|--|
| AS 3304         | <b>Subgroup of Cereal grains (including pseudocereals) feed products with low water (&lt;20%) content (hay and/or straw) (includes all commodities in this subgroup)</b>   |
| AS 0081         | <b>Straw and hay of cereal grains (see Group 020 Cereal grains (code GC 0081) for commodities included in cereal grains except pseudocereals)</b>  |
| AS 0080         | <b>Straw and hay of cereal grains (including pseudocereals) (see Group 020 Cereal grains (code GC 0080) for commodities included in cereal grains)</b>   |
| AS 3554         | <b>Amaranth, hay and/or straw</b><br><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 0640         | <b>Barley, hay and/or straw</b><br><i>Hordeum vulgare</i> L. subsp. <i>vulgare</i>   |
| AS 0641         | <b>Buckwheat, hay and/or straw</b><br><i>Fagopyrum esculentum</i> Moench; Buckwheat, Tartary, <i>Fagopyrum tataricum</i> (L.) Gaertn.  |
| AS 3555         | <b>Canarygrass, annual, hay and/or straw</b><br><i>Phalaris canariensis</i> L.   |
| -               | <b>Corn, hay and/or straw</b> , see Maize hay and/or straw, AS 3557  |
| -               | <b>Field corn, hay and/or straw</b> , see Maize hay and/or straw, AS 3557  |
| -               | <b>Field corn, stover</b> , see Maize stover, AS 3558<br><i>Zea mays</i> L.  |
| AS 3556         | <b>Hungry rice, hay and/or straw</b>   |

|         |   |
|---------|---|
|         | <i>Digitaria iburua</i> Stapf; Fonio, white, <i>Digitaria exilis</i> (Kippist) Stapf  |
| AS 3557 | <b>Maize, hay and/or straw</b><br><i>Zea mays</i> L.  |
| AS 3558 | <b>Maize, stover</b><br><i>Zea mays</i> L.  |
| AS 0646 | <b>Millet, hay and/or straw</b><br>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. |
| AS 3559 | <b>Oat, hay and/or straw</b><br><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.  |
| AS 0656 | <b>Pop corn, stover</b><br><i>Zea mays</i> L. subsp. <i>mays</i>  |
| AS 0649 | <b>Rice, hay and/or straw</b><br><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.  |
| AS 3560 | <b>Rye, hay and/or straw</b><br><i>Secale cereale</i> L.  |
| AS 3561 | <b>Sorghum, stover</b><br><i>Sorghum bicolor</i> (L.) Moench; other <i>Sorghum</i> spp.   |
| AS 3562 | <b>Sorghum, hay and/or straw</b><br><i>Sorghum bicolor</i> (L.) Moench; other <i>Sorghum</i> spp.   |
| AS 3563 | <b>Sweet corn, stover</b><br><i>Zea mays</i> L. subsp. <i>mays</i>  |
| AS 0652 | <b>Teff, hay and/or straw</b><br><i>Eragrostis tef</i> (Zuccagni) Trotter   |
| AS 0657 | <b>Teosinte, hay and/or straw</b><br><i>Zea mays</i> ssp. <i>mexicana</i> (Schrad.) H. H. Iltis;  |
| AS 0653 | <b>Triticale, hay and/or straw</b><br>x <i>Triticosecale</i> sp.  |
| AS 0654 | <b>Wheat, hay and/or straw</b><br><i>Triticum</i> spp.  |

**Subgroup 051C Cereal grains (including pseudocereals) processed products (such as bran, hulls)**

| <u>Code No.</u> | <u>Commodity</u>   |
|-----------------|--|
| AS 3305         | <b>Subgroup of Cereal grains (including pseudocereals) processed products (such as bran, hulls) (Includes all commodities in this subgroup) (see Group 020 Cereal grains (code GC 0080) for commodities included in cereal grains)</b> |
| AS 3564         | <b>Dried distiller's grain from Barley</b><br><i>Hordeum vulgare</i> L. subsp. <i>vulgare</i>  |
| AS 3565         | <b>Dried distiller's grain from Maize</b><br><i>Zea mays</i> L.  |
| AS 3566         | <b>Dried distiller's grain from Rye</b><br><i>Secale cereale</i> L.  |

|         |   |
|---------|---|
| AS 3567 | <b>Dried distiller's grain from Sorghum</b><br><i>Sorghum bicolor</i> (L.) Moench; other <i>Sorghum</i> spp.  |
| AS 3568 | <b>Dried distiller's grain from Wheat</b><br><i>Triticum</i> spp.   |
| AS 3569 | <b>Maize, bran</b><br><i>Zea mays</i> L.  |
| AS 3570 | <b>Rice, hulls</b><br><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. |
| AS 3571 | <b>Timothy, cubes</b><br><i>Phleum</i> spp.   |

**Subgroup 051D, Grasses for animal feed**

| <b><u>Code No.</u></b> | <b><u>Commodity</u></b>   |
|------------------------|---|
| AS 3306                | <b>Subgroup of Forage, hay and/or straw and silage from grasses used for animal feed</b><br>(Includes all commodities (grasses in the Poaceae (Gramineae) family in this subgroup, except for commodities in Group 020, Code GC 0080) |
| AS 0162                | <b>Hay and/or straw of grasses for animal feed</b> , includes all hay of species of grasses in the Poaceae (alt.Gramineae) family in this subgroup (except for commodities in Group 020, Code GC 0080)                                |
| AS 0163                | <b>Forage of grasses</b> , includes all forage of species of grasses for animal feed in the Poaceae (alt.Gramineae) family in this subgroup (except for commodities in Group 020, Code GC 0080)                                       |
| AS 0164                | <b>Silage of grasses</b> , include all silage of species of grasses for animal feed in the Poaceae (alt.Gramineae) family in this subgroup (except for commodities in Group 020, Code GC 0080)  |

**Specific grass codes include:**

|         |  |
|---------|--|
| AS 5241 | <b>Bermuda grass, hay and/or straw</b><br><i>Cynodon dactylon</i> (L.) Pers. |
| AS 5243 | <b>Bluegrass, hay and/or straw</b><br><i>Poa</i> spp.                        |
| AS 5245 | <b>Brome grass, hay and/or straw</b><br><i>Bromus</i> spp.                   |
| AS 5251 | <b>Darnel, hay and/or straw</b><br><i>Lolium</i> spp.                        |
| AS 5253 | <b>Fescue, hay and/or straw</b><br><i>Festuca</i> spp.                       |

**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**

AM 0165 **Group of miscellaneous feed products except leguminous and grass plants (*Poaceae*), but including grasses for sugar production (Includes all commodities in this group)**

This Group is divided into 3 subgroups:

|  | Code |
|--|------|
| Subgroup 052A: Miscellaneous feed products with high water ( $\geq 20\%$ ) content (forage, beet tops) | AM   |
| Subgroup 052B: Miscellaneous feed products with low water ( $< 20\%$ ) content (hay)                   | AM   |
| Subgroup 052C: Miscellaneous processed feed products (such as meal, hulls, dried pulp)                 | AM   |

**Subgroup 052A: Miscellaneous feed products with high water ( $\geq 20\%$ ) content (forage, beet tops)**

| <u>Code No.</u> | <u>Commodity</u>  |
|-----------------|---|
| AM 3307         | <b>Subgroup of Miscellaneous Feed Products with high water (<math>\geq 20\%</math>) content (forage, beet tops) (Includes all commodities in this subgroup)</b> |
| AM 3572         | <b>Arrowleaf balsamroot, forage</b><br><i>Balsamorhiza sagittata</i> (Pursh) Nutt.  |
| -               | <b>Beet, leaves or tops, forage, see Chard, VL 0464 (the same MRL applies as the food commodity)</b><br><i>Beta vulgaris</i> L. subsp. <i>vulgaris</i>          |
| -               | <b>Carrot, culls, see Carrot, VR 0577 (the same MRL applies as the food commodity)</b><br><i>Daucus carota</i> L.   |
| AM 1050         | <b>Cow cabbage, leaves</b><br><i>Brassica oleracea</i> L. var. <i>viridis</i> L.  |
| AM 3573         | <b>Fodder beet, leaves or tops</b><br><i>Beta vulgaris</i> L. subsp. <i>vulgaris</i>  |
| AM 1051         | <b>Fodder beet, roots</b><br><i>Beta vulgaris</i> L. subsp. <i>vulgaris</i>   |
| -               | <b>Kale, forage, see Kale, VL 0480 (the same MRL applies as the food commodity)</b><br><i>Brassica oleracea</i> L. var. <i>viridis</i> L.                       |
| AM 3574         | <b>Kenaf, forage</b><br><i>Hibiscus cannabinus</i> L.   |
| AM 1052         | <b>Marrow-stem cabbage or Marrow-stem kale, leaves and stems</b><br><i>Brassica oleracea</i> L. var. <i>medullosa</i> Thell.                                    |
| -               | <b>Mangel or Mangold, see Fodder beet, roots, AM 1051</b>   |



|   |  |
|---|--|
| -   | <b>Mangoldwurzel</b> , see Fodder beet, roots AM 1051  |
| AM 0353   | <b>Pineapple, forage</b><br><i>Ananas comosus</i> (L.) Merr.   |
| -   | <b>Potato, culls</b> , see Potato, VR 0589 (the same MRL applies as the food commodity)<br><i>Solanum tuberosum</i> L.   |
| AM 0495   | <b>Rape seed, forage</b><br><i>Brassica napus</i> L.   |
| AM 3575   | <b>Spiny hopsage, forage</b><br><i>Grayia spinosa</i> (Hook.) Moq.   |
| AM 0596   | <b>Sugar beet, leaves or tops</b><br><i>Beta vulgaris</i> L. subsp. <i>vulgaris</i>  |
| AM 0659   | <b>Sugar cane, forage or tops</b><br><i>Saccharum officinarum</i> L.   |
| AM 0497   | <b>Swedish turnip or Swede, leaves or tops;</b><br><i>Brassica napus</i> L. subsp. <i>rapifera</i> Metzg.  |
| -   | <b>Swedish turnip or Swede, roots</b> see VR 0497 Swede (the same MRL applies as the food commodity)<br><i>Brassica napus</i> L. subsp. <i>rapifera</i> Metzg. |
| AM 3576   | <b>Sweet potato, silage</b><br><i>Ipomoea batatas</i> (L.) Lam. var. <i>batatas</i>  |
| AM 3577   | <b>Taper-tip hawk's-beard, forage</b><br><i>Crepis acuminata</i> Nutt.   |
| AM 3578   | <b>Threadleaf sedge, forage</b><br><i>Carex filifolia</i> Nutt.  |
| AM 0506   | <b>Turnip, forage</b><br><i>Brassica rapa</i> L. subsp. <i>rapa</i>  |
| -   | <b>Turnip, leaves or tops</b> , see Turnip greens, VL 0506 (the same MRL applies as the food commodity)<br><i>Brassica rapa</i> L. subsp. <i>rapa</i>          |
| <b>Subgroup 052B: Miscellaneous feed products with low water (&lt;20%) content (hay, straw)</b> |  |
| AM 3308   | <b>Subgroup of Miscellaneous Feed Products with low water (&lt;20%) content (hay and/or straw) (includes all commodities in this subgroup)</b>                 |
| AM 3579   | <b>Arrowleaf balsamroot, hay and/or straw</b><br><i>Balsamorhiza sagittata</i> (Pursh) Nutt.   |
| AM 0691   | <b>Cotton hay and/or straw</b><br><i>Gossypium</i> spp.  |
| AM 3580   | <b>Fodder beet, hay and/or straw</b><br><i>Beta vulgaris</i> L. subsp. <i>vulgaris</i>   |
| AM 3581   | <b>Kenaf, hay and/or straw</b><br><i>Hibiscus cannabinus</i> L.  |
| AM 0738   | <b>Mint, hay and/or straw</b><br><i>Mentha</i> spp.  |
| AM 3582   | <b>Rape seed, hay and/or straw</b><br><i>Brassica napus</i> L.   |

|   |   |
|---|---|
| AM 3583   | <b>Sugar cane, hay and/or straw</b><br><i>Saccharum officinarum</i> L.  |
| AM 3584   | <b>Turnip, hay and/or straw</b><br><i>Brassica rapa</i> L. subsp. <i>rapa</i>   |
| <b>Subgroup 052C: Miscellaneous Processed feed products (such as meal, hulls, dried pulp)</b> |   |
| AM 3309   | <b>Subgroup of Miscellaneous Processed feed products (such as meal, hulls, dried pulps) (includes all commodities in this subgroup)</b> |
| AM 0660   | <b>Almond, hulls</b><br><i>Prunus dulcis</i> (Mill.) D.A. Webb  |
| -   | <b>Canola, meal</b> , see AM 3598 Rape seed, meal<br><i>Brassica</i> spp.   |
| AM 3585   | <b>Cassava, dry chips</b><br><i>Manihot esculenta</i> Crantz  |
| AM 3586   | <b>Cotton gin trash</b><br><i>Gossypium</i> spp.  |
| -   | <b>Cotton gin</b> , see AM 3586 Cotton gin trash<br><i>Gossypium</i> spp.   |
| AM 3587   | <b>Cotton seed, hulls</b><br><i>Gossypium</i> spp.  |
| AM 3588   | <b>Cotton seed, meal</b><br><i>Gossypium</i> spp.   |
| AM 3589   | <b>Cucurbita seed, meal</b><br>Cucurbitacear  |
| AM 3141   | <b>Gold of pleasure seed, meal</b><br><i>Camelina sativa</i> (L.) Crantz  |
| AM 3154   | <b>Hemp seed, meal</b><br><i>Cannabis sativa</i> L.   |
| AM 0693   | <b>Linseed, meal</b><br><i>Linum usitatissimum</i> L.   |
| -   | <b>Mustard oil, meal</b> , see Rape seed, meal AM 3598<br><i>Brassica</i> spp.  |
| AM 0696   | <b>Palm kernel, meal</b><br><i>Elaeis guineensis</i> Jacq.  |
| AM 0697   | <b>Peanut meal</b><br><i>Arachis hypogaea</i> L.  |
| AM 3590   | <b>Pineapple, process residue</b><br><i>Ananas comosus</i> (L.) Merr.   |
| -   | <b>Pineapple, process waste</b> , see AM 3590 Pineapple, process residue<br><i>Ananas comosus</i> (L.) Merr.                            |
| AM 0698   | <b>Poppy seed, meal</b><br><i>Papaver somniferum</i> L.   |
| AM 3591   | <b>Potato, process residue, dehydrated</b>  |

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|         |  |
|---------|--|
|         | <i>Solanum tuberosum</i> L. ssp. <i>Tuberosum</i>            |
| AM 3592 | <b>Potato, process residue, heat-treated,wet</b>             |
|         | <i>Solanum tuberosum</i> L. ssp. <i>tuberosum</i>            |
| AM 3593 | <b>Potato, process residue, raw</b>                          |
|         | <i>Solanum tuberosum</i> L. ssp. <i>tuberosum</i>            |
| AM 3594 | <b>Potato, process residue, wet</b>                          |
|         | <i>Solanum tuberosum</i> L. ssp. <i>tuberosum</i>            |
| -       | <b>Potato, process waste</b> , see Potato, process residue   |
| AM 3595 | <b>Potato, waste meal, dried</b>                             |
|         | <i>Solanum tuberosum</i> L. ssp. <i>tuberosum</i>            |
| AM 3596 | <b>Rape seed, hulls</b>                                      |
|         | <i>Brassica</i> spp.   |
| AM 3597 | <b>Rape seed, meal</b>                                       |
|         | <i>Brassica</i> spp.   |
| AM 0699 | <b>Safflower seed, meal</b>                                  |
|         | <i>Carthamus tinctorius</i> L.                               |
| AM 0700 | <b>Sesame seed, meal</b>                                     |
|         | <i>Sesamum indicum</i> L.                                    |
| AM 3598 | <b>Sugar beet, pulp, dry</b>                                 |
|         | <i>Beta vulgaris</i> L. subsp. <i>vulgaris</i>               |
| AM 1201 | <b>Sugar beet, pulp, wet</b>                                 |
|         | <i>Beta vulgaris</i> L. subsp. <i>vulgaris</i>               |
| AM 3599 | <b>Sugar cane bagasse</b>                                    |
|         | <i>Saccharum officinarum</i> L.                              |
| AM 0702 | <b>Sunflower seed, meal</b>                                  |
|         | <i>Helianthus annuus</i> L.                                  |
| AM 3600 | <b>Sweet corn cannery waste</b>                              |
|         | <i>Zea mays</i> L., several cultivars, not including popcorn |
| AM 3601 | <b>Sweet potato, hulls</b>                                   |
|         | <i>Ipomoea batatas</i> (L.) Lam. var. <i>batatas</i>         |
| AM 3602 | <b>Vegetable, process residue, wet</b>                       |

Table 7. Examples of the selection of representative commodities

## Class C, Type 11 Primary Animal Feed Commodities

(includes Legume Feed Products, Cereal grains (including pseudocereals) and grasses feed products and Miscellaneous feed products)

(For comments)

| Codex Group / Subgroup  | Examples of Representative Commodities <sup>1)</sup>   | Extrapolation to the following commodities  |
|---|--|---|
| Group 050<br>Legume feed products   | 3)   | --  |
| Subgroup 050A<br>Products of legume feeds with high water (≥20%) content (forage and silage)                              | Bean, forage and pea, vines<br>or<br>Bean, forage and alfalfa forage<br>or<br>Pea, vines and alfalfa forage <sup>2</sup> | Products of legume feeds with high water content (forage) (AL 3300): Alfalfa, forage; Alfalfa, silage; Anil indigo, forage; Bean, forage ( <i>Phaseolus</i> spp.); Bean, forage ( <i>Vigna</i> spp.); Berlandier acacia, forage; Black medic, forage; Black wattle, forage; Brazilian stylo, forage; Burclover, forage; Butterfly pea, forage; Chick-pea, forage; Clover, forage; Clover, silage; Gliricidia, forage; Horse bean, forage; Huisache, forage; Kudzu, forage; Leadplant, forage; Lentil, forage; Lespedeza, forage; Leucaena, forage; Leucaena, silage, Lupin, forage; Pea, silage; Pea, vines (green); Peanut, forage (green); Pea, pigeon, forage; Purple prairie clover, forage; Roundleaf cassia, forage; Sainfoin, forage; Sainfoin, silage; Sensitive partridge pea, forage; Sesbania, forage; Soya bean, forage; Soya bean, silage; Thorn mimosa, forage; Tick clover, forage; Trefoil, forage; Vetch, forage; Vetch silage |
| Subgroup 050B<br>Products of legume feeds with low water (<20%) content (hay)   | Bean, hay or pea hay or alfalfa hay <sup>2</sup>   | Products of legume feeds with low water content (hay) (AL 3301): Alfalfa, hay and/or straw; Bean, hay and/or straw ( <i>Phaseolus</i> spp.); Bean, hay and/or straw ( <i>Vigna</i> spp.); Bean, velvet, hay and/or straw; Brazilian stylo, hay and/or straw; Centurion, hay and/or straw; Chick-pea, hay and/or straw; Clover, hay and/or straw; Crotalaria, hay and/or straw; Guar, hay and/or straw; Horse gram, hay and/or straw; Jackbean, hay and/or straw; Lespedeza, hay and/or straw; Leucaena, hay and/or straw; Pea, hay and/or straw; Peanut, hay and/or straw; Perennial peanut, hay and/or straw; Purple prairie-clover, hay and/or straw; Sainfoin, hay and/or straw; Soya bean hay and/or straw; Trefoil, hay and/or straw; Vetch, hay and/or straw  |
| Subgroup 050C<br>Processed products of legume feeds (such a meal, hulls)  | 3)   | --  |
| Group 051<br>Cereal grains (including pseudocereals) feed product   | 3)   | --  |
| Subgroup 051A<br>Cereal grains (including pseudocereals) feed products with high water (≥20%) content (forage and silage) | Forage of wheat- and barley-type Cereals   | Amaranth, forage; Barley, forage; Barley, silage; Buckwheat, forage; Canarygrass, annual, forage; Oat, forage; Oat, silage; Rye, forage; Rye, silage; Triticale, forage; Triticale, silage; Wheat, forage; Wheat, silage  |
|   | Forage of rice-type cereals  | Hungry rice, forage; Rice, forage; Rice, silage   |
|   | Forage of Sorghum grain-type cereals   | Millet, forage; Sorghum, forage; Sorghum, silage  |

| Codex Group / Subgroup   | Examples of Representative Commodities <sup>1)</sup> | Extrapolation to the following commodities   |
|--|--|--|
|  | Forage of Maize-type cereals                         | Maize, forage; Maize, silage; Sweet corn, forage   |
| <b>Subgroup 051B</b><br>Cereal grains (including pseudocereals) feed products with low water (<20%) content (hay, straw)                   | Hay of wheat and barley-type cereals                 | Amaranth, hay and/or straw; Barley, hay and/or straw; Buckwheat, hay and/or straw; Canarygrass, annual, hay and/or straw; Oat, hay and/or straw; Rye, hay and/or straw; Triticale, hay and/or straw; Wheat, hay and/or straw |
|  | Hay of Rice-type cereals                             | Hungry rice, hay and/or straw; Rice, hay and/or straw  |
|  | Hay of Sorghum grain-type cereals                    | Millet, hay and/or straw; Sorghum, stover; Sorghum, hay and/or straw; Teff, hay and/or straw   |
|  | Hay of Maize-type cereals                            | Maize, hay and/or straw; Maize, stover; Popcorn, stover; Sweet corn, stover; Teosinte, hay and/or straw  |
| <b>Subgroup 051C</b><br>Cereal grains and grasses (including pseudocereals) feed products processed products (such as silage, bran, hulls) | <sup>3)</sup>  | --   |
| <b>Subgroup 051D</b><br>Grasses for Animal Feed  | Any grass, hay in this subgroup                      | <u>Hay of grasses, includes all hay of species of grasses in the Poaceae (alt.Gramineae) family in this subgroup (AS 0162)</u>   |
|  | Any grass, forage in this subgroup                   | <u>Forage of grasses, includes all forage of species of grasses in the Poaceae (alt.Gramineae) family in this subgroup (AS 0163)</u>   |
|  | Any grass, silage in this subgroup                   | <u>Silage of grasses, includes all hay of species of grasses in the Poaceae (alt.Gramineae) family in this subgroup (AS 0164)</u>  |
| <b>Group 052</b><br>Miscellaneous Feed Products  | <sup>3)</sup>  | --   |
| <b>Subgroup 052A</b><br>Miscellaneous feed products with high water (≥20%) content (forage, beet tops)                                     | <sup>3)</sup>  | --   |
| <b>Subgroup 052B</b><br>Miscellaneous feed products with low water (<20%) content (hay)  | <sup>3)</sup>  | --   |
| <b>Subgroup 052C</b><br>Miscellaneous processed feed products (such as meal, hulls, dried pulp)  | <sup>3)</sup>  | --   |

<sup>1)</sup> Alternative representative commodities may be selected based on documented regional/country differences in dietary consumption and/or areas of production

<sup>2)</sup> A minimum of two representative commodities are needed for this subgroup.

<sup>3)</sup> It is not possible to set a group CXL for this group because of the broad diversity of crops. However, when a group contains a number of processed commodities originating from raw commodities from one subgroup in Class A (primary food commodities), the representative commodity from that subgroup in Class A can be used as a representative crop for the corresponding commodities in processed form.

## Appendix III

## Commodities Proposed for Transfer from Class D to Class C

| Transferring commodity   | Existing code | Number of CXLs | New code | Class C Subgroup |
|--------------------------|---------------|----------------|----------|------------------|
| Cotton gin trash         | AB 1204       | 1              | AM 3587  | 052C             |
| Cotton seed, hulls       | AB 0691       | 1              | AM 3588  | 052C             |
| Cotton seed, meal        | AB 1203       | 2              | AM 3589  | 052C             |
| Rice hulls               | CM 1207       | 2              | AS 3570  | 051C             |
| Soya bean meal           | AB 1265       | 1              | AL 3539  | 050C             |
| Soya bean hulls          | AB 0541       | 4              | AL 3538  | 050C             |
| Sugar beet, pulp, dry    | AB 0596       | 2              | AM 3599  | 052C             |
| Sugar beet, pulp, wet    | AB 1201       | 0              | AM 1201  | 052C             |
| Sweet corn cannery waste | AB 0447       | 1              | AM 3601  | 0552C            |

No commodities are proposed to transfer from Class C (Feed) to Class D (Food)