INCORPORATION BY REFERENCE SYNOPSIS

In compliance with Section 67-5223(4), Idaho Code, the following is a synopsis of the differences between the materials previously incorporated by reference in this rule that are currently of full force and effect and newly revised or amended versions of these same materials that are being proposed for incorporation by reference under this rulemaking.

The following agency of the state of Idaho has prepared this synopsis as part of the proposed rulemaking for the chapter cited here under the docket number specified:

Idaho State Department of Agriculture
IDAPA 02.06.02 - Rules Governing Registrations and Licenses, Subchapter A – Commercial Feed
Proposed Rulemaking - Docket No. 02-0602-2401

IDAPA 02.06.02, Subchapter A incorporates by reference the Association of American Feed Control Officials (AAFCO) Official Publication (OP).

IDAPA 02.06.02 {…} 104. INCORPORATION BY REFERENCE.

01. The Association of American Feed Control Officials (AAFCO) Official Publication. The Terms, Ingredient Definitions, Model Bill and Regulations, and Policies as published in the "2025 Official Publication" of AAFCO where those statements do not conflict with Title 25, Chapter 27, Idaho Code, and any rule promulgated thereunder. A copy may be purchased online from the AAFCO website at: www.aafco.org.

Listed below is an overview of changes to the 2025 AAFCO Official Publication.

Acceptance of Committee Recommendations:

a. **Ingredient Definition Committee Recommendations:**
- IDC recommends changing T42.25 Grain Sorghum Protein Feed to OFFICIAL.
  42.25 Grain Sorghum Gluten Feed (Grain Sorghum Protein Feed) is that part of the grain of grain sorghums that remains after the extraction of the larger part of the starch and germ, by the processes employed in the wet milling manufacture of starch or syrup. Originally called Grain Sorghum Gluten Feed (adopted 1948, amended 1950). *Gluten name will be removed in 2025
  Board Recommends Acceptance. <> moves, <> Seconds, Motion <>.
- IDC recommends changing T42.35 Grain Sorghum Protein Meal to OFFICIAL
  42.35 Grain Sorghum Gluten Meal (Grain Sorghum Protein Meal) is the part of the grain of grain sorghums that remains after the extraction of the larger part of the starch and germ, and the separation of the bran by the processes employed in the wet milling manufacture of starch or syrup Originally called Grain Sorghum Gluten Meal (adopted 1948, amended 1950). *Gluten name will be removed in 2025
  Board Recommends Acceptance. <> moves, <> Seconds, Motion <>.

- IDC recommends changing T48.135 Corn Protein Feed to OFFICIAL
  48.135 Corn Gluten Feed (Corn Protein Feed) is that part of the commercial shelled corn that remains after the extraction of the larger portion of the starch, protein, and germ by the processes employed in the wet milling manufacture of corn starch or syrup. It may or may not contain one or more of the following: fermented corn extractives, corn germ meal. Originally called Corn Gluten Feed (adopted 1936, amended 1960). *Gluten name will be removed in 2025
  Board Recommends Acceptance. <> moves, <> Seconds, Motion <>.
- IDC recommends changing T48.145 Corn Protein Meal to OFFICIAL **T48.145 Corn Gluten Meal (Corn Protein Meal)** is the dried residue from corn after the removal of the larger part of the starch and germ, and the separation of the bran by the process employed in the wet milling manufacture of corn starch or syrup, or by enzymatic treatment of the endosperm. It may contain fermented corn extractives and/or corn germ meal. Originally called corn gluten meal (adopted 1936, amended 1960). *Gluten name will be removed in 2025
  Board Recommends Acceptance. <> moves, <> Seconds, Motion <>.
- IDC recommends changing T73.200 Xanthum Gum to OFFICIAL
  73.200 Xanthan Gum as per 21 CFR 573.1010 is classified as a food additive as a stabilizer, emulsifier, thickener, suspending agent, or bodying agent in calf milk replacer and liquid feed supplements. Also per informal review processes, it can be used in canned dog and cat foods **and as a suspending agent in plant inoculant products.** Maximum inclusion levels are 0.1% in calf milk replacers (as fed), and 0.25% in liquid feed supplements and canned dog and cat foods, **and 2% in plant inoculant products.** (Proposed 2013, Adopted 2015 rev. 1)
  Board Recommends Acceptance. <> moves, <> Seconds, Motion <>.
- IDC recommends adding AGRN-60 Dried Fermentation Biomass to the GRAS Table 101.1

AGRN (select for detailed record)	Notifier	Substance	Common or Usual Name	Intended Use	Intended Species	Date of Filing	FDA's Letter (select to view letter)
60 (PDF - 305 pages)	Calysta, Inc.	Dried *Methylococcus capsulatus* product	Dried Fermentation Biomass	To be used as a source of protein in food for salmonid species at a level up to 18% of the diet.	Salmonid species	6/2/22	FDA has no questions. (PDF - 3 pages)

Board Recommends Acceptance. <> moves, <> Seconds, Motion <>.

- IDC recommends adding AGRN-59 Porcine Oligosaccharides peptide complex to the GRAS Table 101.1

AGRN (select for detailed record)	Notifier	Substance	Common or Usual Name	Intended Use	Intended Species	Date of Filing	FDA's Letter (select to view letter)

59 (PDF - 779 pages)	Gnubiotics Sciences SA	Porcine oligosaccharides-peptides complex	Porcine oligosaccharides-peptides complex	To be used as a source of amino acids, peptides and glycopeptides in food for cats and dogs at a level not to exceed 1.5% by weight/complete feed	Cats and dogs	5/11/22	FDA has no questions. (PDF - 3 pages)

Board Recommends Acceptance. <> moves, <> Seconds, Motion <>.

- IDC recommends adding a new Tentative Definition T60.117 Dried Black Soldier Fly Larvae

  T60.117(A) Black Soldier Fly Larvae is the dried larvae of the Black Soldier Fly, *Hermetia illucens*, with or without mechanical extraction of part of the oil, that has been raised on feedstock composed exclusively of feed grade materials. The ingredient must be labeled for guarantees for minimum crude protein and minimum crude fat on an as-fed basis. If oil is mechanically extracted, maximum crude fat must also be guaranteed on the ingredient label. The ingredient is dried by artificial means to no more than 10% moisture. It is for use in ~~salmonid~~ **finfish**, poultry, and swine feed and in adult dog food as a source of protein and fat consistent with good feeding practices. (Proposed 2022, Amended 2023)
  Board Recommends Acceptance. <> moves, <> Seconds, Motion <>.
- IDC recommends adding a new Tentative Definition T60.120 Dried Chicory Root Pulp **T60.120 Dried Chicory Root Pulp** is the dried pulp produced as a byproduct of inulin extraction from the root of *Cichorium intybus* L., intended as a source of fiber. It shall contain no more than 10% inulin, no less than 60% total dietary fiber, and no more than 13% moisture.
  Board Recommends Acceptance. <> moves, <> Seconds, Motion <>.
- IDC recommends adding a new Tentative Definition T60.121 Dried Mealworm Meal **T60.121 Dried Mealworm Meal** is obtained from the dried larvae of the yellow mealworm beetle (*Tenebrio molitor*) which has been raised on a feedstock composed exclusively of feed grade materials and from which part of the oil has been extracted using a mechanical process. The ingredient must be labeled with guarantees for minimum crude protein, and minimum and maximum crude fat. The ingredient is artificially dried to no more that 8% moisture. It is for use in adult dog food as a source of protein at a level not to exceed 30% on an as-fed basis.
  Board Recommends Acceptance. <> moves, <> Seconds, Motion <>.
- IDC recommends adding a new Tentative Definition T40.100(A) Recovered Retail Food **T40.100(A) Recovered Retail Food** is composed of edible human food products safe and suitable for livestock feed and poultry feed that are collected from retail food establishments, domestic holding facilities, and domestic packing facilities. Permitted recovered retail foods are products from overstocks, lacking consumer acceptance, or beyond their sell-by date that include items such as bruised, cut, or overly ripe product (fruit and vegetables), bakery goods, eggs, and dairy products. It shall be safe and appropriately labeled for its intended use in accordance with good feeding practices and shall be free of material harmful to animals. Materials excluded from this definition include pet foods and products containing beef, lamb, pork, poultry, fish, or shellfish. It must not contain packaging materials (e.g. plastics, glass, metal, string, ~~Stryofoam~~, polystyrene, cardboard, and similar materials), flowers, potted plants, or potting soil. The recovered foods shall be collected and intermixed in secure holding containers to exclude unauthorized addition of trash, materials harmful to animals, or infestation and adulteration by pests. Egg and dairy products (and other products ordinarily held at refrigerator temperatures) must be kept in cold storage until the scheduled pick-up. To minimize spoilage, the recovered retail food shall be collected at least weekly, or more frequently if necessary. The establishment should have a sanitation plan in place, and the containers should be cleaned and sanitized as necessary. The collected material may be further processed or delivered as is to an animal feeding facility. The product must be handled to preserve its safety and nutritional value. (Proposed 2017, Adopted 2019)
  **Double underlines and strike throughs represent changes.*
  Board Recommends Acceptance. <> moves, <> Seconds, Motion <>.

- IDC recommends adding a new Tentative Definition T33.29(B) Black Soldier Fly Larvae Oil
  T33.29(B) Black Soldier Fly Larvae Oil is the product obtained by mechanically extracting the oil from dried larvae of Black Soldier Fly, *Hermetia illucens*, that have been raised on a feedstock composed exclusively of feed grade materials. It is intended for use in swine and finfish feed, and adult dog and adult cat food as a source of energy consistent with good feeding practices. It consists predominantly of glyceride esters of fatty acids and contains no additions of free fatty acids or other materials obtained from fats. It must contain, and be guaranteed for, not less than 90% total fatty acids, not more than 2% unsaponifiable matter and not more than 1% insoluble impurities. Maximum free fatty acids and moisture must also be guaranteed. If an antioxidant(s) is used, the common name or names must be indicated, followed by the words "used as a preservative." (Proposed 2022, Adopted 2022)
  **Double underlines represent changes.*
  Board Recommends Acceptance. <> moves, <> Seconds, Motion <>.
- IDC recommends a nomenclature Change 36.14 Direct-Fed Microorganism, add *Weissella confusa*
  36.14 Weissella confusa Section 36.14 will be edited to include *Weissella confusa*. One of the strains thought to have belonged to the *Lactobacillus acidophilus* genus species has been determined to actually belong to *Weissella confusa*. This results in adding *W. confusa* to 36.14. Both ***Lactobacillus acidophilus*** and ***Weissella confusa*** will be included in the 36.14, and **no microorganism will be removed from 36.14.**
  Board Recommends Acceptance. <> moves, <> Seconds, Motion <>.
- IDC recommends publishing a tentative definition T71.41 LG HEAR Meal to OFFICIAL status as 71.41.
  71.41 Low Glucosinolate High Erucic Acid Rapeseed Meal, Mechanically Extracted,** is the meal obtained after the removal of most of the oil by mechanical extraction of whole seeds obtained from the genus Brassica [*Brassica napus*, *Brassica rapa*, or *Brassica juncea*] from which the oil shall contain more than 2% erucic acid and the solid component shall contain less than 30 micromoles of any one or any mixture of 3-butenyl glucosinolate, 4-pentenyl glucosinolate, 2-hydroxy-3-butenyl glucosinolate, 2-
  hydroxy-4-pentenyl glucosinolate, and allyl glucosinolate per gram of air dry, oil free solid. When produced from *Brassica juncea* it must also contain less than 5 micromoles of allyl glucosinolates per gram of air dry, oil free solid. It must contain a maximum of 6% erucic acid, a maximum of 12% crude fiber, and a maximum of 30 micromoles of glucosinolates per gram. It is used in the diets of animals as a source of protein, not to exceed a 5% inclusion rate.
  Board Recommends Acceptance. <> moves, <> Seconds, Motion <>.
- IDC recommends publishing tentative definition T36.11a Dried ____ Fermentation Products to OFFICIAL status, replacing the current official definition 36.11. **T36.11a Dried Fermentation Product** is the product derived by culturing _____on appropriate nutrient media for the production of one or more of the following: enzymes, fermentation substances, or other microbial metabolites, and dried in accordance with approved methods and good manufacturing practices. Protein, amino acids, fat, fiber, cell count, enzyme activity or nutrient metabolite level shall be guaranteed where applicable. Use of *Lactobacillus buchneri*, *Lactobacillus diolivorans*, and *Lentilactobacillus hilgardii* is limited to silage and high moisture corn grain in plant inoculant products. [For label identification the source must be indicated such as *Bacillus subtilis*, *Aspergillus oryzae*, *Aspergillus niger*, *Lactobacillus acidophilus*, *Lactobacillus buchneri*, *Lactobacillus diolivorans*, *Lentilactobacillus hilgardii*, *Lactobacillus delbrueckii* or *Enterococcus faecium*, or as permitted by FDA.] (Proposed 1976, Adopted 1983, Amended 1997, Amended 1999, Amended 2001, Adopted 2003, Amended 2010,
  Adopted 2014 rev.1, Amended 2022)
  Board Recommends Acceptance. <> moves, <> Seconds, Motion <>.
- IDC recommends publishing a new TENTATIVE definition T51.17 Clam Meal
  T51.17 Clam Meal is the undecomposed, dried byproducts from shucking and processing operations of *Spisula solidissima* and/or *Arctica islandica*. The ingredient is derived from all or part of the meat, liquid and viscera of the clam. It must contain not less than 60% crude protein and not more than 12% moisture. It is for use in non-salmonid finfish feed as a source of protein consistent with good feeding practices
  Board Recommends Acceptance. <> moves, <> Seconds, Motion <>.

- IDC recommends publishing a new TENTATIVE definition T60.119 Dried Crickets **T60.119 Dried Crickets** are nymph through adult stage crickets, *Acheta domesticus*, manufactured either by roasting or wet milling. Crickets are raised on feedstock composed exclusively of feed grade materials. Post-harvest processing of crickets shall incorporate a microbial kill step. The ingredient must be labelled with guarantees for minimum crude protein and minimum crude fat on an as-fed basis. The ingredient is dried to no more than 6% moisture. The ingredient must contain no more than 7.5% chitin.[1] It is for use in adult dog food as a source of protein and fat consistent with good feeding practices. [1]Narguess H. Marei, Emtithal Abd El-Samie, Taher Salah, Gamal R. Saad, Ahmed H.M. Elwahy, Isolation and characterization of chitosan from different local insects in Egypt, International Journal of Biological Macromolecules, Volume 82, 2016, Pages 871-877, ISSN 0141-8130, https://doi.org/10.1016/j.ijbiomac.2015.10.024.
  Board Recommends Acceptance. <> moves, <> Seconds, Motion <>.
- IDC recommends publishing a new TENTATIVE definition T40.113 Dried Recovered Household Food.
  T40.113 Dried Recovered Household Food is composed of only non-spoiled materials originally intended for or derived from food for human consumption and collected from households. Materials are dried daily in the home to 12% or less moisture to enable safe storage and transport. These materials must be safe and suitable for use in animal food. The materials shall be collected, evaluated, and further processed by the manufacturer to confirm that only acceptable materials have been added by households. To help ensure safety, a manufacturer of Dried Recovered Household Food must maintain a relationship with participating households to support training and accountability regarding acceptable material. Dried Recovered Household Food is intended for use in poultry diets in accordance with good feeding practices. The guaranteed analysis shall include the maximum moisture which shall be no more than 12%.
  Board Recommends Acceptance. <> moves, <> Seconds, Motion <>.

AGRN (select for detailed record)	Notifier	Substance	Common or Usual Name	Intended Use	Intended Species	Date of Filing	FDA's Letter (select to view letter)
55	BASF Enzymes LLC	Phytase Enzyme Produced By *Pseudomonas Flourescens* Strain BD50104 Expressing An Altered Appa 6-Phytase Gene From *Escherichia Coli* Strain K12	phytase	To increase the availability of phytin-bound phosphorus in poultry diets at 500-2,000 U/kg in complete feed	Poultry	1/20/22	FDA has no questions. (PDF, 4 pages)

- IDC recommends adding AGRN 55 Phytase to the GRAS Table 101.1.

  Board Recommends Acceptance. <> moves, <> Seconds, Motion <>.
- IDC Recommends new GRAS Table 101.1 addition AGRN 45 *Succinivibrio dextrinosolvens*

AGRN (select for detailed record)	Notifier	Substance	Common or Usual Name	Intended Use	Intended Species	Date of Filing	FDA's Letter (select to view letter)
45 (PDF, 821 pages)	Native Microbials, Inc.	Dried fat encapsulated *Succinivibrio dextrinosolvens* strain	Dried *Succinivibrio dextrinosolvens* Fermentation Product	To be used as a viable microorganism in diets of beef cattle at an	Beef Cattle	3/16/21	FDA has no questions. (PDF, 3 pages)
		ASCUSBF53 (NRRL B-67550)		intended use rate of 1x108 colony forming units (CFU)/head/day			

Board Recommends Acceptance. <> moves, <> Seconds, Motion <>.

- IDC recommends revising Table 101.1 Section Header in the OP by inserting the following language at the end of the current section language: "AGRN's may be presented to the IDC for inclusion in section 101 at the next scheduled IDC meeting after FDA has posted their no questions letter, without regard for the redacted notice."

Board Recommends Acceptance. <> moves, <> Seconds, Motion <>.

b. Feed Labeling Recommendation:

- Feed Labeling Committee recommends updating the label for "Your Pasture Horse Mineral". This should be inserted between pages 248 and 249 of the 2023 OP. This same label should replace the label on Page 31 of the 2020 feed labeling guide of the stand- alone document

Feed Labeling Guide 1
Equine Mineral Supplement Feeds
YOUR PASTURE HORSE MINERAL
For maintenance of mature horses
Guaranteed Analysis

Calcium (min)	12.0%
Calcium (max)	14.0%
Phosphorus (min)	12.0%
Salt (min)	4.5%
Salt (max)	5.5%
Sodium (min)	1.7%
Sodium (max)	2.2%
Copper (min)	860 ppm
Selenium (min)	0.20 ppm
Zinc (min)	3,400 ppm
Vitamin A (min)	80,000 IU/lb.

Ingredient Statement

Calcium Carbonate, Dicalcium Phosphate, Salt, Copper Sulfate, Manganous Oxide, Molasses Products, Zinc Oxide, Ferrous Sulfate, Cobalt Carbonate, Calcium Iodate, Vitamin A Supplement, Processed Grain By-Products, Choline Chloride, Animal Fat, Ethoxyquin (a preservative), Sodium Selenite.

Feeding Directions:

Feed free-choice at an approximate rate of 2 oz/head/day. Provide fresh, clean water.

Manufactured By: YOUR NAME FEEDS
City, State Zip

NET Wt.: 50 lb. (22.67 kg)

Board Recommends Acceptance. <> moves, <> Seconds, Motion <>.

c. **Model Bill and Regulations Recommendations:**

- MBRC states that given that registration and labeling of silage additives is covered on page 113 of the 2022 OP under the definition of commercial feed in Section 3(b) of the Model Bill, SUIP #5 Registration and Labeling of Silage Additive Products should be deleted.
  Board Recommends Acceptance. <> moves, <> Seconds, Motion <>.
- MBRC recommends revise Section 3(b) of the Model Bill as follows for clarity – Section 3(b) The term "commercial feed" means all materials or combination of materials which are distributed or intended for distribution for use as feed or for mixing in feed, unless such materials are specifically exempted.
    - Unmixed whole seeds and physically altered entire unmixed seeds, when such whole or physically altered seeds are not chemically changed or are not adulterated within the meaning of Section 7(a) of this Act, are exempt.
    - The ___ by rule may exempt from this definition, or from specific provisions of this Act, commodities such as hay, straw, stover, silage, cobs, husks, hulls, and individual chemical compounds or substances when such commodities, compounds or substances are not inter–mixed with other materials, and are not adulterated within the meaning of Section 7(a) of this Act.

  **The bullets are the points of clarity, otherwise nothing new has been added.*
  Board Recommends Acceptance. <> moves, <> Seconds, Motion <>.
- ***Feed and Feed Ingredient Manufacturing***
- FFIM recommends updating Chapter 5, pg.258 – 263 of the 2023 AAFCO OP where all references to the VSIP were removed. Appendix A.
  Board Recommends Acceptance. <> moves, <> Seconds, Motion <>.

This concludes committee and board recommendations needing membership approval.

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