



TO: Angela Darnell, Regulations Compiler
Legislative Research Commission
702 Capitol Avenue, Room 29
Frankfort, KY 40601

March 2, 2026

After discussions with ARRS staff, the University of Kentucky Division of Regulatory Services proposes the attached suggested substitutes to 12 KAR Chapter 2 regulations.

12 KAR 2.006 Definitions

- 12 KAR 2.011 Label format
- 12 KAR 2.018 Guaranteed analyses
- 12 KAR 2.026 Ingredients
- 12 KAR 2.041 Drug & feed additives
- 12 KAR 2.046 Poisonous or deleterious substances
- 12 KAR 2.051 Manufacturing conditions

Sincerely,



G. Alan Harrison
Feed and Milk Director

UNIVERSITY OF KENTUCKY

SUGGESTED SUBSTITUTE

AGRICULTURE EXPERIMENT STATION

12 KAR 2:006. Definitions for 12 KAR Chapter 2.

RELATES TO: KRS 250.491-250.631

STATUTORY AUTHORITY: KRS 250.501(4), 250.571(1)(a)

CERTIFICATION STATEMENT: This certifies that this administrative regulation complies with the requirements of 2025 RS HB 6, Section 8.

NECESSITY, FUNCTION, AND CONFORMITY: KRS 250.571(1)(a) requires the Director of the Agricultural Experiment Station to promulgate an administrative regulation adopting the official definitions of feed ingredients and official feed terms adopted by the Association of American Feed Control Officials. KRS 250.501(4) defines "commercial feed" and authorizes the director to promulgate an administrative regulation exempting commodities meeting established criteria. This administrative regulation incorporates by reference the definitions adopted by the Association of American Feed Control Officials and exempts certain commodities from the definition of commercial feed.

Section 1. The names and definitions for commercial feeds shall be the "Official Definition of Feed Ingredients" adopted by the Association of American Feed Control Officials and published in its Official Publication, except as exempted by this administrative regulation.

Section 2. The terms used in reference to commercial feeds shall be the official feed terms adopted by the Association of American Feed Control Officials and published in its Official Publication, except as exempted by this administrative regulation.

Section 3. Pursuant to KRS 250.501(4), ***if not mixed or intermixed with other materials and not adulterated as established in KRS 250.541(1)***, the following commodities shall be exempt from the definition of commercial feed:

(1) Raw meat, whether ground or unground;

(2) Unground[~~and~~] hay, straw, stover, silages, cobs, husks, and hulls[~~when unground if the ingredient is not~~;

(1) ~~Mixed or intermixed with other materials; or~~

(2) ~~Adulterated within the meaning of KRS 250.541(1)].~~

Section 4. "Quantity statement" means the net weight (mass), net volume (liquid or dry), or count.

Section 5. Incorporation by Reference.

(1) "2025 Official Publication", 2025[2018] Edition, Association of American Feed Control Officials, is incorporated by reference.

(2) This material may be inspected, copied, or obtained, subject to applicable copyright law, at the Division of Regulatory Services, 103 Regulatory Services Building, College of Agriculture, University of Kentucky, Lexington, Kentucky 40546-0275, Monday through Friday, 8 a.m. to 4:30 p.m.

CONTACT PERSON: G. Alan Harrison, Feed & Milk Director, University of Kentucky Division of Regulatory Services, 103 Regulatory Services Building, Lexington, Kentucky 40546, phone (859) 257-2785, fax (859) 323-9931, email alan.harrison@uky.edu.



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G. Alan Harrison
Feed and Milk Director

UNIVERSITY OF KENTUCKY

AGRICULTURAL EXPERIMENT STATION

12 KAR 2:011. Label format.

RELATES TO: KRS 250.491_-250.631

STATUTORY AUTHORITY: KRS 250.571(1)

CERTIFICATION STATEMENT: This certifies that this administrative regulation complies with the requirements of 2025 RS HB 6, Section 8.

NECESSITY, FUNCTION, AND CONFORMITY: KRS 250.571(1) authorizes the Director of the Agricultural Experiment Station to promulgate administrative regulations necessary for the efficient enforcement of KRS 250.491 to 250.631, regarding commercial feeds. This administrative regulation establishes a uniform format for presentation of labeling to the purchaser of animal feeds.

Section 1. A commercial feed, other than customer formula feed, shall be labeled with the information **established**~~[prescribed]~~ in this administrative regulation on the principal display panel of the product and in the following format:

- (1) Product name and brand name, if any, in **compliance**~~[conformance]~~ with 12 KAR 2:016;
- (2) If a drug is used, the word "medicated" shall appear directly following and below the product name in type size no smaller than one-half (1/2) the type size of the product name;
- (3) Product purpose statement as required by 12 KAR 2:017;
- (4) If a drug is used:
 - (a) The purpose of medication (claim statement); and
 - (b) An active drug ingredient statement listing the active drug ingredients by their established names and the amounts in accordance with 12 KAR 2:021, Section 4;
- (5) The guaranteed analysis of the feed as required by KRS 250.521(1)(b) and 12 KAR 2:018;
- (6) The listing of feed ingredients as required by 12 KAR 2:026;
- (7) Directions for use and precautionary statements as required by 12 KAR 2:031 and 12 KAR 2:036;
- (8) Name and principal mailing address of the manufacturer or person responsible for distributing the feed. The principal mailing address shall include the street address, city, state, and zip code~~[-however]~~, **except** the street address may be omitted if it is shown in a readily accessible, widely published, and publically available resource, including for example, [but not limited to] a printed directory, electronic database, or website~~[the current city directory or telephone directory of the city or county where the manufacturer or distributor maintains his principal place of business]~~; and
- (9) The quantity statement of the net weight, net volume, or count.

Section 2.

- (1) The information required by Section 1 of this administrative regulation shall appear in its entirety on one (1) side of the label or container, except the information required by Section 1(7) of this administrative regulation may be placed on a different side of the label or container if **the information[it]** is displayed in a prominent place on the label or container. If the information is placed on a different side, **the information[it]** shall be referenced on the front side with a statement indicating where the information is located.
- (2) The information required by Section 1 of this administrative regulation shall not be subordinated or obscured by other statements or designs.

Section 3. Customer-formula feed shall be accompanied by a label, invoice, delivery ticket, or other shipping document bearing the following information:

- (1) The name and address of the manufacturer;
- (2) The name and address of the purchaser;
- (3) The date of sale or delivery;
- (4) The customer-formula feed name and brand name, if any;
- (5) The product name and net quantity of each registered commercial feed and each other ingredient used in the mixture;
- (6) The directions for use and precautionary statements as required by 12 KAR 2:031 and 12 KAR 2:036; and
- (7) If a drug-containing product is used:
 - (a) The purpose of the medication (claim statement); and
 - (b) The established name of each active drug ingredient and the level of each drug used in the final mixture as required by 12 KAR 2:021.

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12 KAR 2:018. Guaranteed analysis.

RELATES TO: KRS 250.491_-250.631

STATUTORY AUTHORITY: KRS 250.521(1)(b), 250.571(1)

CERTIFICATION STATEMENT: This certifies that this administrative regulation complies with the requirements of 2025 RS HB 6, Section 8.

NECESSITY, FUNCTION, AND CONFORMITY: KRS 250.571(1) authorizes the Director of the Agricultural Experiment Station to promulgate administrative regulations necessary for the efficient enforcement of KRS 250.491 to 250.631, regarding commercial feeds. KRS 250.521(1)(b) requires that a commercial feed label contain a guaranteed analysis stated in terms the director by administrative regulation determines are required to advise the user of the composition of the feed or to support claims made in the labeling. This administrative regulation establishes a uniform format for the nutritional guarantees required as a part of the commercial feed label.

Section 1. The nutritional guarantees shall be listed in the following order: crude protein, equivalent crude protein from non-protein nitrogen, amino acids, crude fat, crude fiber, acid detergent fiber, neutral detergent fiber, calcium, phosphorus, salt, and sodium. Other guarantees shall follow in a general format with the units of measure used to express guarantees (***for example,*** percentage, parts per million, ***and*** international units***[,-etc.]***) listed in a sequence that provides a consistent grouping of the units of measure.

Section 2. Required Guarantees for Swine Formula Feeds.

(1) The animal classes for swine shall be:

- (a) Prestarter - two (2) to eleven (11) pounds;
- (b) Starter - eleven (11) to forty-four (44) pounds;
- (c) Grower - forty-four (44) to 110 pounds;
- (d) Finisher - 110 pounds to market weight;
- (e) Gilts, sows, and adult boars; and
- (f) Lactating gilts and sows.

(2) The guaranteed analysis for swine complete feeds and supplements (all animal classes) shall include the:

- (a) Minimum percentage of crude protein;
- (b) Minimum percentage of lysine;
- (c) Minimum percentage of crude fat;
- (d) Maximum percentage of crude fiber or acid detergent fiber (ADF);
- (e) Minimum and maximum percentage of calcium;
- (f) Minimum percentage of phosphorus;
- (g) Minimum and maximum percentage of salt (if added);
- (h) Minimum and maximum percentage of total sodium, if the total sodium exceeds that ***provided[furnished]*** by the maximum salt guarantee; and
- (i) Minimum selenium in parts per million (ppm).

Section 3. Required Guarantees for Formula Poultry Feeds (Chicken and Turkey).

- (1) The animal classes for layer chickens that are grown to produce eggs for food shall be:
- (a) **Starting or growing**~~[Starting/growing]~~ - from day of hatch to approximately ten (10) weeks of age;
 - (b) Finisher - from approximately ten (10) weeks of age to time first egg is produced (approximately twenty (20) weeks of age);
 - (c) Laying - chickens from time first egg is laid throughout the time of egg production; and
 - (d) Breeders - chickens that produce fertile eggs to hatch replacement layers that produce eggs for food.
- (2) The animal classes for broiler chickens that are grown for human food shall be:
- (a) **Starting or growing**~~[Starting/growing]~~ - from day of hatch to approximately five (5) weeks of age;
 - (b) Finisher - from approximately five (5) weeks of age to market, (forty-two (42) to fifty-two (52) days); and
 - (c) Breeders - hybrid strains of chickens whose offspring are grown for human food (broilers), any age and either sex.
- (3) The animal classes for breeder chickens whose offspring (broilers) are grown for human food shall be:
- (a) **Starting or growing**~~[Starting/growing]~~ - from day of hatch until approximately ten (10) weeks of age;
 - (b) Finishing - from approximately ten (10) weeks of age to time first egg is produced, approximately twenty (20) weeks of age; and
 - (c) Laying - fertile egg producing chickens (broilers/roasters) from day of first egg throughout the time fertile eggs are produced.
- (4) The animal classes for turkeys shall be:
- (a) **Starting or growing**~~[Starting/growing]~~ - turkeys that are grown for human food from day of hatch to approximately thirteen (13) weeks of age (females) and sixteen (16) weeks of age (males);
 - (b) Finisher - turkeys that are grown for human food, females from approximately thirteen (13) weeks of age to approximately seventeen (17) weeks of age, males from sixteen (16) weeks of age to twenty (20) weeks of age, or desired market weight;
 - (c) Laying - female turkeys that are producing eggs, from time first egg is produced, throughout the time they are producing eggs; and
 - (d) Breeder - turkeys that are grown to produce fertile eggs, from day of hatch to time first egg is produced (approximately thirty (30) weeks of age), both sexes.
- (5) The guaranteed analysis for poultry complete feeds and supplements (all animal classes) shall include the:
- (a) Minimum percentage of crude protein;
 - (b) Minimum percentage of lysine;
 - (c) Minimum percentage of methionine;
 - (d) Minimum percentage of crude fat;
 - (e) Maximum percentage of crude fiber or acid detergent fiber (ADF);
 - (f) Minimum and maximum percentage of calcium;
 - (g) Minimum percentage of phosphorus;
 - (h) Minimum and maximum percentage of salt (if added); and
 - (i) Minimum and maximum percentage of total sodium, if the total sodium exceeds that **provided**~~[furnished]~~ by the maximum salt guarantee.

Section 4. Required Guarantees for Beef Cattle Formula Feeds.

(1) The animal classes for beef cattle shall be:

- (a) Calves (birth to weaning);
- (b) Cattle on pasture (may be specific as to production stage – ***for example***[-***e.g.***], stocker, feeder, replacement heifers, brood cows, ***and*** bulls[-***etc.***]); and
- (c) Feedlot cattle.

(2) The guaranteed analysis for beef complete feeds and supplements (all animal classes) shall include the:

- (a) Minimum percentage of crude protein;
- (b) Maximum percentage of equivalent crude protein from non-protein nitrogen (if added);
- (c) Minimum percentage of crude fat;
- (d) Maximum percentage of crude fiber or acid detergent fiber (ADF);
- (e) Minimum and maximum percentage of calcium;
- (f) Minimum percentage of phosphorus;
- (g) Minimum and maximum percentage of salt (if added);
- (h) Minimum and maximum percentage of total sodium, if the total sodium exceeds that ***provided***[***furnished***] by the maximum salt guarantee;
- (i) Minimum percentage of potassium; and
- (j) Minimum vitamin A, other than precursors of vitamin A, in international units per pound (if added).

(3) The guaranteed analysis for beef mineral feeds (if added) shall include the:

- (a) Minimum and maximum percentage of calcium;
- (b) Minimum percentage of phosphorus;
- (c) Minimum and maximum percentage of salt;
- (d) Minimum and maximum percentage of total sodium, if the total sodium exceeds that ***provided***[***furnished***] by the maximum salt guarantee;
- (e) Minimum percentage of magnesium;
- (f) Minimum percentage of potassium;
- (g) Minimum copper in parts per million (ppm);
- (h) Minimum selenium in parts per million (ppm);
- (i) Minimum zinc in parts per million (ppm); and
- (j) Minimum vitamin A, other than precursors of vitamin A, in international units per pound.

Section 5. Required Guarantees for Dairy Formula Feeds.

(1) The animal classes for dairy cattle shall be:

- (a) Veal milk replacer - milk replacer fed to calves for veal production;
- (b) Herd milk replacer - milk replacer fed to calves for herd replacement and other uses;
- (c) Starter - calf from approximately three (3) days to three (3) months of age;
- (d) Non-lactating dairy cattle: replacement dairy heifers, dairy bulls, and dairy calves;
- (e) Lactating dairy cows; and
- (f) Dry dairy cows.

(2) The guaranteed analysis for veal and herd milk replacer shall include the:

- (a) Minimum percentage of crude protein;
- (b) Minimum percentage of crude fat;
- (c) Maximum percentage of crude fiber;
- (d) Minimum and maximum percentage of calcium;
- (e) Minimum percentage of phosphorus; and

- (f) Minimum vitamin A, other than precursors of vitamin A, in international units per pound (if added).
- (3) The guaranteed analysis for dairy cattle complete feeds and supplements shall include the:
 - (a) Minimum percentage of crude protein;
 - (b) Maximum percentage of equivalent crude protein from non-protein nitrogen (NPN) (if added);
 - (c) Minimum percentage of crude fat;
 - (d) Maximum percentage of crude fiber;
 - (e) Maximum percentage of acid detergent fiber (ADF);
 - (f) Minimum and maximum percentage of calcium;
 - (g) Minimum percentage of phosphorus;
 - (h) Minimum selenium in parts per million (ppm); and
 - (i) Minimum vitamin A, other than precursors of vitamin A, in international units per pound (if added).
- (4) The guaranteed analysis for dairy mixing and pasture mineral (if added) shall include the:
 - (a) Minimum and maximum percentage of calcium;
 - (b) Minimum percentage of phosphorus;
 - (c) Minimum and maximum percentage of salt;
 - (d) Minimum and maximum percentage of total sodium, if the total sodium exceeds that ***provided [furnished]*** by the maximum salt guarantee;
 - (e) Minimum percentage of magnesium;
 - (f) Minimum percentage of potassium;
 - (g) Minimum selenium in parts per million (ppm); and
 - (h) Minimum vitamin A, other than the precursors of vitamin A, in international units per pound.

Section 6. Required Guarantees for Equine Complete Feeds and Supplements (All Classes).

- (1) The equine animal classes shall be:
 - (a) Growing;
 - (b) Broodmare;
 - (c) Maintenance; and
 - (d) Performance (including stallions).
- (2) The guaranteed analysis for equine complete feeds and supplements (all animal classes) shall include the:
 - (a) Minimum percentage of crude protein;
 - (b) Minimum percentage of crude fat;
 - (c) Maximum percentage of crude fiber;
 - (d) Maximum percentage of Acid Detergent Fiber (ADF);
 - (e) Maximum percentage of Neutral Detergent Fiber (NDF);
 - (f) Minimum and maximum percentage of calcium;
 - (g) Minimum percentage of phosphorus;
 - (h) Minimum copper in parts per million (ppm) (if added);
 - (i) Minimum selenium in parts per million (ppm);
 - (j) Minimum zinc in parts per million (ppm); and
 - (k) Minimum vitamin A, other than the precursors of vitamin A, in international units per pound (if added).
- (3) The guaranteed analysis for equine mineral feed shall include the:
 - (a) Minimum and maximum percentage of calcium;
 - (b) Minimum percentage of phosphorus;
 - (c) Minimum and maximum percentage of salt (if added);

- (d) Minimum and maximum percentage of total sodium, if the total sodium exceeds that ***provided[furnished]*** by the maximum salt guarantee;
- (e) Minimum copper in parts per million (ppm) (if added);
- (f) Minimum selenium in parts per million (ppm);
- (g) Minimum zinc in parts per million (ppm); and
- (h) Minimum vitamin A, other than the precursors of vitamin A, in international units per pound (if added).

Section 7. Required Guarantees for Goat Formula Feeds.

(1) The animal classes for goats shall be:

- (a) Starter;
- (b) Grower;
- (c) Finisher;
- (d) Breeder; and
- (e) Lactating.

(2) The guaranteed analysis for goat complete feeds and supplements (all animal classes) shall include the:

- (a) Minimum percentage of crude protein;
- (b) Maximum percentage of equivalent crude protein from non-protein nitrogen (NPN) (if added);
- (c) Minimum percentage of crude fat;
- (d) Maximum percentage of crude fiber;
- (e) Maximum percentage of acid detergent fiber;
- (f) Minimum and maximum percentage of calcium;
- (g) Minimum percentage of phosphorus;
- (h) Minimum and maximum percentage of salt (if added);
- (i) Minimum and maximum percentage of total sodium, if the total sodium exceeds that ***provided[furnished]*** by the maximum salt guarantee;
- (j) Minimum and maximum copper in parts per million (ppm) (if added);
- (k) Minimum selenium in parts per million (ppm); and
- (l) Minimum vitamin A, other than precursors of vitamin A, in international units per pound (if added).

Section 8. Required Guarantees for Sheep Formula Feeds.

(1) The animal classes for sheep shall be:

- (a) Starter;
- (b) Grower;
- (c) Finisher;
- (d) Breeder; and
- (e) Lactating.

(2) The guaranteed analysis for sheep complete feeds and supplements (all animal classes) shall include the:

- (a) Minimum percentage of crude protein;
- (b) Maximum percentage of equivalent crude protein from non-protein nitrogen (NPN) (if added);
- (c) Minimum percentage of crude fat;
- (d) Maximum percentage of crude fiber or acid detergent fiber (ADF);
- (e) Minimum and maximum percentage of calcium;
- (f) Minimum percentage of phosphorus;
- (g) Minimum and maximum percentage of salt (if added);

- (h) Minimum and maximum percentage of total sodium, if the total sodium exceeds that **provided[furnished]** by the maximum salt guarantee;
- (i) Minimum and maximum copper in parts per million (ppm) (if added, or total copper exceeds 20 ppm);
- (j) Minimum selenium in parts per million (ppm); and
- (k) Minimum vitamin A, other than precursors of vitamin A, in international units per pound (if added).

Section 9. Required Guarantees for Ducks and Geese Formula Feeds.

- (1) The duck animal classes shall be:
 - (a) Starter - zero to three (3) weeks of age;
 - (b) Grower - three (3) to six (6) weeks of age;
 - (c) Finisher - six (6) weeks to market;
 - (d) Breeder developer - eight (8) to nineteen (19) weeks of age; and
 - (e) Breeder - twenty-two (22) weeks to end of lay.
- (2) The geese animal classes shall be:
 - (a) Starter - zero to four (4) weeks of age;
 - (b) Grower - four (4) to eight (8) weeks of age;
 - (c) Finisher - eight (8) weeks to market;
 - (d) Breeder developer - ten (10) to twenty-two (22) weeks of age; and
 - (e) Breeder - twenty-two (22) weeks to end of lay.
- (3) The guaranteed analysis for duck and geese complete feeds and supplements (for all animal classes) shall include the:
 - (a) Minimum percentage of crude protein;
 - (b) Minimum percentage of crude fat;
 - (c) Maximum percentage of crude fiber or acid detergent fiber (ADF);
 - (d) Minimum and maximum percentage of calcium;
 - (e) Minimum percentage of phosphorus;
 - (f) Minimum and maximum percentage of salt (if added); and
 - (g) Minimum and maximum percentage of total sodium, if the total sodium exceeds that **provided[furnished]** by the maximum salt guarantee.

Section 10. Required Guarantees for Fish Complete Feeds and Supplements.

- (1) The following animal species shall be declared in lieu of an animal class:
 - (a) Trout;
 - (b) Catfish; and
 - (c) Species other than trout or catfish.
- (2) The guaranteed analysis for all fish complete feeds and supplements shall include the:
 - (a) Minimum percentage of crude protein;
 - (b) Minimum percentage of crude fat;
 - (c) Maximum percentage of crude fiber or acid detergent fiber (ADF); and
 - (d) Minimum percentage of phosphorus.

Section 11. Required Guarantees for Rabbit Complete Feeds and Supplements.

- (1) The rabbit animal classes shall be:
 - (a) Grower - four (4) to twelve (12) weeks of age; and
 - (b) Breeder - twelve (12) weeks of age and over.

(2) The guaranteed analysis for rabbit complete feeds and supplements (all animal classes) shall include the:

- (a) Minimum percentage of crude protein;
- (b) Minimum percentage of crude fat;
- (c) Minimum and maximum percentage of crude fiber or acid detergent fiber (ADF) (the maximum shall not exceed the minimum by more than five (5.0) units);
- (d) Minimum and maximum percentage of calcium;
- (e) Minimum percentage of phosphorus;
- (f) Minimum and maximum percentage of salt (if added);
- (g) Minimum and maximum percentage of total sodium, if the total sodium exceeds that ***provided[furnished]*** by the maximum salt guarantee; and
- (h) Minimum vitamin A, other than precursors of vitamin A, in international units per pound (if added).

Section 12. The required guarantees of grain mixtures and formula feeds and ingredients that are not specifically ***established[described]*** in Sections 2 through 11 of this administrative regulation[,;] or exempted under Section 13 of this administrative regulation, shall include the following items in the order listed:

- (1) Minimum percentage of crude protein;
- (2) Minimum or maximum percentage of equivalent crude protein from non-protein nitrogen (NPN) as required in 12 KAR 2:021 (if added);
- (3) Minimum percentage of crude fat;
- (4) Maximum percentage of crude fiber or acid detergent fiber (ADF);
- (5) Minerals in formula feeds in the following order:
 - (a) Minimum and maximum percentage of calcium;
 - (b) Minimum percentage of phosphorus;
 - (c) Minimum and maximum percentage of salt (if added);
 - (d) Minimum and maximum percentage of total sodium, if the total sodium exceeds that ***provided[furnished]*** by the maximum salt guarantee; and
 - (e) Other minerals;
- (6) Minerals in feed ingredients as ***established[specified]*** by the official definition of the Association of American Feed Control Officials, ***incorporated by reference in 12 KAR 2:006;***
- (7) Vitamins in the terms required by 12 KAR 2:021;
- (8) Total sugars as invert on dried molasses products or products being sold primarily for their sugar content;
- (9) Viable lactic acid producing microorganisms if used in silage products and direct fed microbial products guaranteed in terms ***established[specified]*** in 12 KAR 2:021; and
- (10) If the item is a commercial feed (***for example[e.g.]***, vitamin and mineral premix ***and[;]*** base mix[,; ***etc.***]) intended to provide a specialized nutritional source for use in the manufacture of other feeds, ***the item's[its]*** intended purpose and guarantee of those nutrients relevant to the stated purpose.

Section 13. Exemptions.

- (1) A mineral guarantee for feed, excluding those feeds manufactured as complete feeds and for feed supplements intended to be mixed with grain to produce a complete feed for swine, poultry, fish, or veal and herd milk replacers, shall not be required if:
 - (a) The feed or feed ingredient is not intended or represented or does not serve as a ***principal[principle]*** source of that mineral to the animal; or

- (b) The feed or feed ingredient is intended for nonfood producing animals and contains less than six and five-tenths (6.5) percent total mineral.
- (2) Guarantees for vitamins shall not be required if the commercial feed is neither formulated for nor represented as a vitamin supplement.
- (3) Guarantees for crude protein, crude fat and crude fiber shall not be required if the commercial feed is intended for purposes other than to **provide[furnish]** these substances or **if these substances[they]** are of minor significance relating to the primary purpose of the product, such as a Type A drug article, mineral or vitamin supplements, or molasses.
- (4) Guarantees for microorganisms and enzymes shall not be required if:
- (a)** The commercial feed is intended for a purpose other than to **provide[furnish]** these substances; or
- (b)**
- 1. These substances[they]** are of minor significance relating to the primary purpose of the product; and
- 2. [no]** Specific label claims are **not** made.
- (5) The indication for animal class and species **shall not be[is not]** required on single ingredient products if the ingredient is not intended, represented, or defined for a specific animal class or species.

[Section 14. Incorporation by Reference.

(1) "~~2025 Official Publication~~", ~~2025~~ [2018] [~~Edition, Association of American Feed Control Officials, is incorporated by reference.~~

(2) ~~This material may be inspected, copied, or obtained, subject to applicable copyright law, at the Division of Regulatory Services, 103 Regulatory Services Building, College of Agriculture, University of Kentucky, Lexington, Kentucky 40546-0275, Monday through Friday, 8 a.m. to 4:30 p.m.]~~

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12 KAR 2:026. Ingredients.

RELATES TO: KRS 250.491_-250.631

STATUTORY AUTHORITY: KRS 250.521(1)(c), 250.571(1)

CERTIFICATION STATEMENT: This certifies that this administrative regulation complies with the requirements of 2025 RS HB 6, Section 8.

NECESSITY, FUNCTION, AND CONFORMITY: KRS 250.571(1) authorizes the Director of the Agricultural Experiment Station to promulgate administrative regulations necessary for the efficient enforcement of KRS 250.491 to 250.631, regarding commercial feeds. KRS 250.521(1)(c) requires that a commercial feed label list the common or usual name of each ingredient used in the manufacture of the commercial feed, unless the director promulgates an administrative regulation permitting the use of a collective term for a group of ingredients. This administrative regulation establishes the requirements for listing the ingredients on the commercial feed label.

Section 1. Commercial feeds, other than customer-formula feeds, shall have an ingredient statement listing the feed ingredients, collective terms for the grouping of feed ingredient, or other appropriate statement pursuant to KRS 250.521(1)(c).

(1) The name of each ingredient or collective term for the grouping of ingredients, if required to be listed, shall be the name as defined in the ~~["]~~Official Common and Usual Names and Definitions of Feed Ingredients~~["]~~ as published in the Official Publication of the Association of American Feed Control Officials, ***incorporated by reference in 12 KAR 2:006***, the common or usual name, or one approved by the director.

(2) The ingredient statement may list the collective terms for the grouping of feed ingredients as defined in the official definitions of feed ingredients published in the Official Publication of the Association of American Feed Control Officials rather than the individual ingredients.

(a) If a collective term for a group of ingredients is used on the label, individual ingredients within that group shall not be listed on the label.

(b) The manufacturer shall provide the Director of Regulatory Services, upon written or oral request, with a listing of individual ingredients within a defined group that are or have been used in manufacturing facilities distributing in Kentucky. The manufacturer shall be specific in its response ***to[when]*** the request ***[is-]***made of a particular facility or production.

Section 2. The name of each ingredient shall be shown in letters or type of the same size.

Section 3. A reference to quality or grade of an ingredient shall not appear in the ingredient statement of a feed.

Section 4. The term "dehydrated" may precede the name of a product that has been artificially dried.

Section 5. A single ingredient product defined by the Association of American Feed Control Officials shall not be required to have an ingredient statement.

Section 6. Tentative definitions for ingredients shall not be used until ***established[adopted]*** as official by the Association of American Feed Control Officials unless an official definition does not exist or the ingredient has a common accepted name that requires no definition, (***for example, [i.e.]*** sugar).

Section 7. If the word "iodized" is used in connection with a feed ingredient, the feed ingredient shall contain not less than 0.007 percent iodine, uniformly distributed.

[Section 8. Incorporation by Reference.

(1) "~~2025 Official Publication~~", ~~2025~~[2018][~~Edition, Association of American Feed Control Officials, is incorporated by reference.~~

(2) ~~This material may be inspected, copied, or obtained, subject to applicable copyright law, at the Division of Regulatory Services, 103 Regulatory Services Building, College of Agriculture, University of Kentucky, Lexington, Kentucky 40546-0275, Monday through Friday, 8 a.m. to 4:30 p.m.]~~

CONTACT PERSON: G. Alan Harrison, Feed & Milk Director, University of Kentucky Division of Regulatory Services, 103 Regulatory Services Building, Lexington, Kentucky 40546, phone (859) 257-2785, fax (859) 323-9931, email alan.harrison@uky.edu.



TO: Angela Darnell, Regulations Compiler
Legislative Research Commission
702 Capitol Avenue, Room 29
Frankfort, KY 40601

March 2, 2026

After discussions with ARRS staff, the University of Kentucky Division of Regulatory Services proposes the attached suggested substitutes to 12 KAR Chapter 2 regulations.

- 12 KAR 2.006 Definitions
- 12 KAR 2.011 Label format
- 12 KAR 2.018 Guaranteed analyses
- 12 KAR 2.026 Ingredients
- 12 KAR 2.041 Drug & feed additives
- 12 KAR 2.046 Poisonous or deleterious substances
- 12 KAR 2.051 Manufacturing conditions

Sincerely,

A handwritten signature in blue ink that reads "G. Alan Harrison".

G. Alan Harrison
Feed and Milk Director

UNIVERSITY OF KENTUCKY

SUGGESTED SUBSTITUTE

AGRICULTURAL EXPERIMENT STATION

12 KAR 2:041. Drug and feed additives.

RELATES TO: KRS 250.501, 250.511, 250.541(1)(a), (b), (c), (d), (e), (f), (j), (2)(c), (d), (e), 21 C.F.R. 570.3(1), 570.30, 582, 21 U.S.C. 151-158, 360(b)

STATUTORY AUTHORITY: KRS 250.541, 250.551(1), (2), 250.571(1)

CERTIFICATION STATEMENT: This certifies that this administrative regulation complies with the requirements of 2025 RS HB 6, Section 8.

NECESSITY, FUNCTION, AND CONFORMITY: KRS 250.571(1) authorizes the Director of the Agricultural Experiment Station to promulgate administrative regulations necessary for the efficient enforcement of KRS 250.491 to 250.631 regarding commercial feeds. KRS 250.541 provides that a commercial feed or a material exempted from the definition of commercial feed shall be considered adulterated if it meets the conditions established in KRS 250.541. KRS 250.551(1) and (2) prohibit the manufacture or distribution of an adulterated product as animal feed. This administrative regulation establishes the requirements to ensure the safe and effective use of commercial feeds containing additives.

Section 1. Before approval of a registration application or approval of a label for a commercial feed containing an additive, including a drug, another special purpose additive, or non-nutritive additive, the distributor shall, upon request by the director, submit evidence to prove the safe and effective use of the commercial feed if[when] used according to the directions furnished on the label.

Section 2. Satisfactory evidence of safe and effective use of a commercial feed shall be one (1) of the following:

- (1) ~~[When the-]~~ Commercial feed that contains ~~[such-]~~ additives, the use of which conforms to the requirements of the applicable regulation in Title 21, Code of Federal Regulations, or that[which] are "prior sanctioned," ~~[or-]~~ "informal review sanctioned," or "generally recognized as safe" for ~~[such-]~~ use;
- (2) ~~[A-]~~ Commercial feed that is a drug as defined by[in] KRS 250.501(7) and is generally recognized by the Food and Drug Administration as safe and effective for its labeled use or is marketed pursuant[subject] to an application approved by the Food and Drug Administration under 21 U.S.C. 360b[Section 512 of the Federal Food, Drug, and Cosmetic Act];
- (3) ~~[When one (1) of the purposes for a-]~~ Commercial feed, one (1) purpose of which is to impart immunity (that is to act through some immunological process) if the constituents imparting immunity have been approved for the purpose under 21 U.S.C. 151 – 159[through the Federal Virus, Serum and Toxins Act of 1913 as amended];
- (4) ~~[When the-]~~ Commercial feed that is a direct-fed microbial product if[and]:
 - (a) The product is defined as a "fermentation product" in the Official Publication of the Association of American Feed Control Officials, incorporated by reference in 12 KAR 2:006; and
 - (b) The microbial content statement:
 1. Appears on the label;~~[-and]~~
 2. States "Contains a source of live (viable), naturally occurring microorganisms"; and
 3. includes the source ~~[is-]~~ stated with a corresponding guarantee expressed in accordance with 12 KAR 2:021, Section 7; or
- (5) if[When] the commercial feed is an enzyme product and is:

- (a) Defined as an "enzyme" ~~by~~**[in]** the Official Publication of the Association of American Feed Control Officials; and
- (b) Guaranteed according to the provisions of 12 KAR 2:021, Section 8.

[Section 3. Incorporation by Reference.

(1) ~~"2025 Official Publication", 2025~~[2018] ~~Edition, Association of American Feed Control Officials, is incorporated by reference.~~

(2) ~~This material may be inspected, copied, or obtained, subject to applicable copyright law, at the Division of Regulatory Services, 103 Regulatory Services Building, College of Agriculture, University of Kentucky, Lexington, Kentucky 40546-0275, Monday through Friday, 8 a.m. to 4:30 p.m.]~~

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Sincerely,

A handwritten signature in blue ink that reads "G. Alan Harrison".

G. Alan Harrison
Feed and Milk Director

UNIVERSITY OF KENTUCKY

SUGGESTED SUBSTITUTE

AGRICULTURAL EXPERIMENT STATION

12 KAR 2:046. Poisonous or deleterious substances.

RELATES TO: KRS 250.501(4), (5), (6), (7), (8), (24), 250.541, 250.551(1), (2), (3)

STATUTORY AUTHORITY: KRS 250.571(1)

CERTIFICATION STATEMENT: This certifies that this administrative regulation complies with the requirements of 2025 RS HB 6, Section 8.

NECESSITY, FUNCTION, AND CONFORMITY: KRS 250.571(1) authorizes the Director of the Agricultural Experiment Station to promulgate administrative regulations necessary for the efficient enforcement of KRS 250.491 to 250.631, regarding commercial feeds. This administrative regulation establishes the requirements for the safe use of substances that might have deleterious effects if not fed according to the ~~following~~ standards ***established in this administrative regulation.***

Section 1. For the purpose of KRS 250.541(1)(a), poisonous or deleterious substances shall include, ~~for example~~ ***but are not limited to the following***:

(1) Fluorine and a mineral or mineral mixture that is fed directly to a domestic animal if the fluorine exceeds:

- (a) 0.20 percent for breeding or dairy cattle;
- (b) 0.30 percent for slaughter cattle;
- (c) 0.30 percent for sheep;
- (d) 0.35 percent for lambs;
- (e) 0.45 percent for swine; and
- (f) 0.60 percent for poultry;~~;~~

(2) A fluorine-bearing ingredient if used in an amount that raises the fluorine content of the total ration, excluding roughage, above:

- (a) 0.004 percent for breeding or dairy cattle;
- (b) 0.009 percent for slaughter cattle;
- (c) 0.006 percent for sheep;
- (d) 0.01 percent for lambs;
- (e) 0.015 percent for swine; and
- (f) 0.03 percent for poultry;~~;~~

(3) A fluorine-bearing ingredient mixed in feed that:

- (a) Is fed directly to cattle, sheep, or goats that consume roughage regardless of the amount of grain consumed; and
- (b) Results in a daily intake of more than fifty (50) milligrams of fluorine per 100 pounds of body weight;~~;~~

(4) Soybean meal, flakes, or pellets or another vegetable meal, ***flakes, or pellets***~~flake, or pellet~~ that have been extracted with trichloroethylene or other chlorinated solvent;~~;~~

(5) Sulfur dioxide, sulfurous acid, and salts of sulfurous acid that are used in or on feeds or feed ingredients that are considered or labeled a significant source of vitamin B₁ (thiamine); ~~and~~;~~;~~

(6) Raw leather residue from tanning or leather manufacturing.

Section 2. A screening or by-product of grains and seeds containing weed seeds used in commercial feed or sold as commercial feed to the ultimate consumer shall be ground fine enough or otherwise treated to destroy the viability of the weed seeds so the finished product contains:

- (1) No viable prohibited noxious weed seeds; and
- (2) Not more than 480 viable restricted weed seeds per pound.

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Sincerely,



G. Alan Harrison
Feed and Milk Director

UNIVERSITY OF KENTUCKY

SUGGESTED SUBSTITUTE

AGRICULTURAL EXPERIMENT STATION

12 KAR 2:051. Manufacturing conditions.

RELATES TO: KRS 250.501, 250.511, 250.541, 250.551, 250.581(1), 21 C.F.R. 225.1_-225.202, 226.1_-226.115

STATUTORY AUTHORITY: KRS 250.541(2)(c), 250.571(1), 21 C.F.R. 225.1_-225.202, 226.1_-226.115

CERTIFICATION STATEMENT: This certifies that this administrative regulation complies with the requirements of 2025 RS HB 6, Section 8.

NECESSITY, FUNCTION, AND CONFORMITY: KRS 250.571(1) authorizes the Director of the Agricultural Experiment Station to promulgate administrative regulations necessary for the efficient enforcement of KRS 250.491 to 250.631, regarding commercial feeds. KRS 250.541(2)(c) requires the promulgation of an administrative regulation that establishes the current good manufacturing practices for the manufacturing, processing, and packaging of commercial feed. This administrative regulation establishes current good manufacturing practices, hazard analysis, and risk-based preventive controls for facilities engaged in holding and distribution of animal feed.

Section 1. The current good manufacturing practices ~~*[published in the Code of Federal Regulations]*~~ for Type B and Type C medicated feeds ***shall be*** ~~*[are-]*~~ governed by 21 C.F.R. 225.1 through 225.202 ~~*[are adopted by reference]*~~.

Section 2. The current good manufacturing practices ~~*[published in the Code of Federal Regulations]*~~ for Type A medicated articles ***shall be*** ~~*[are-]*~~ governed by 21 C.F.R. 226.1 through 226.115 ~~*[are adopted by reference]*~~.

Section 3. The current good manufacturing practices, hazard analysis, and risk-based preventive controls for food for animals ~~*[published in the Code of Federal Regulations]*~~ for facilities engaged in the holding and distribution of animal food ***shall be*** ~~*[are-]*~~ governed by 21 C.F.R. 507.1 through 507.215 ~~*[are adopted by reference]*~~.

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