

**AGRICULTURAL EXPERIMENT STATION**  
**(Amended at ARRS Committee)**

**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 B<sub>1</sub> (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.

FILED WITH LRC: March 9, 2026

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