**Section 200.45 Expression of Guarantees**

a) The guarantees for crude protein, equivalent protein from non-protein nitrogen, crude fat, crude fiber and mineral guarantees, when required by Section 200.25(a)(5) and subsection (f) of this Section, shall be in terms of percentage.

b) Commercial feeds containing 6.5% or more calcium, phosphorus, sodium and chloride shall include in the guaranteed analysis the minimum and maximum percentages of calcium (Ca), the minimum percentage of phosphorus (P), and if salt is added, the minimum and maximum percentages of salt (NaCl). Minerals, except salt (NaCl), shall be guaranteed in terms of percentage of the elements.

1) When a calcium or salt guarantee is given in the guaranteed analysis, guarantee shall be stated and conform to the following:

A) When the minimum guarantee is 5.0% or less, the maximum shall not exceed the minimum by more than one percentage point.

B) When the minimum guarantee is above 5.0%, the maximum shall not exceed the minimum by more than 20% of the minimum and in no case shall the maximum exceed the minimum by more than five percentage points.

2) When required by Section 200.25(a)(j), guarantees for minimum potassium, magnesium, sulfur and maximum fluorine shall be stated in terms of percentage. Other minimum mineral guarantees shall be stated in parts per million (ppm) when the concentration is less than 10,000 ppm and in percentage when the concentration is 10,000 ppm (1%) or greater.

c) Guarantees for minimum vitamin content of commercial feeds shall be listed in the order specified and are stated in milligrams per pound (mg/lb) unless otherwise specified:

1) Vitamin A, other than precursors of vitamin A, in International Units per pound.

2) Vitamin D-3 in products offered for poultry feeding, in International Chick Units per pound.

3) Vitamin D for other uses, in International Units per pound.

4) Vitamin E, in International Units per pound.

5) Concentrated oils and feed additive premixes containing vitamins A, D or E may, at the option of the distributor, be stated in units per gram instead of units per pound.

6) Vitamin B-12, in milligrams or micrograms per pound.

7) All other vitamin guarantees shall express the vitamin activity in milligrams per pound in terms of the following: menadione; riboflavin; d-pantothenic acid; thiamine; niacin; vitamin B-6; folic acid, choline, biotin, inositol; p-amino benzoic acid; ascorbic acid; and carotene.

d) Guarantees for drugs shall be stated in terms of percent by weight, except:

1) Antibiotics, present at less than 2,000 grams per ton (total) of commercial feed, shall be stated in grams per ton.

2) Antibiotics, present at 2,000 or more grams per ton (total) of commercial feed, shall be stated in grams per pound.

3) Commercial feeds containing growth promotion or feed efficiency levels of antibiotics, which are to be fed continuously as the sole ration, are not required to have quantitative guarantees on the label, except as specifically required in the Federal Food Additive Regulations as adopted in Section 10 of the Act.

4) The term "milligrams per pound" may be used for drugs or antibiotics in cases in which a dosage is given in "milligrams" in the feeding directions.

e) Commercial feeds containing any added non-protein nitrogen shall be labeled as follows:

1) For ruminants:

A) Complete feeds, supplements, and concentrates containing added non-protein nitrogen and containing more than 5% protein from natural sources shall be guaranteed as follows:

Crude Protein, minimum, (insert number) % (This includes not more than (insert number) & equivalent protein from non-protein nitrogen).

B) Mixed feed concentrates and supplements containing less than 5% protein from natural sources may be guaranteed as follows:

Equivalent Crude Protein from Non-Protein Nitrogen, minimum, (insert number) %

C) Ingredient sources of non-protein nitrogen such as Urea, DiAmmonium Phosphate, Ammonium Polyphosphate Solution, Ammoniated Rice Hulls, or other basic non-protein nitrogen ingredients defined by the Association of American Feed Control Officials shall be guaranteed as follows:

Nitrogen, minimum, (insert number) %

Equivalent Crude Protein from Non-Protein Nitrogen, minimum, (insert number) %

2) For non-ruminants:

A) Complete feeds, supplements and concentrates containing crude protein from all forms of non-protein nitrogen, added as such, shall be labeled as follows:

Crude protein, minimum, (insert number) % (This includes not more than (insert number) % equivalent crude protein which is not nutritionally available to (species of animal for which feed is intended)).

B) Premixes, concentrates or supplements intended for non-ruminants containing more than 1.25% equivalent crude protein from all forms of non-protein nitrogen, added as such, shall contain directions for use and a prominent statement: "WARNING: This feed must be used only in accordance with directions furnished on the label".

f) Mineral phosphatic materials for feeding purposes shall be labeled with the guarantee for minimum and maximum percentage of calcium (when present), the minimum percentage of phosphorus, and the maximum percentage of fluorine.

g) Guarantees for microorganisms shall be stated in colony forming units per gram (CFU/g) when directions are for using the product in grams, or in colony forming units per pound (CFU/lb) when directions are for using the product in pounds. A parenthetical statement following the guarantee shall list each species in order of predominance.

(Source: Added at 16 Ill. Reg. 15889, effective September 30, 1992)