

APPENDIX - X

GLOSSARY OF TERMS

Additive

An ingredient or combination of ingredients added to the basic feed mix or parts thereof to fulfil a specific need. Usually used in micro quantities and requires careful handling and mixing.

Artificially dried (process)

Moisture having been removed by other than natural means.

Balanced

A term that may be applied to a diet, ration or feed having all known required nutrients in proper amount and proportion based upon recommendations of recognized authorities in the field of Animal Nutrition such as the National Research Council (NRC) for a given set of physiological animal requirements. The species for which it is intended and the functions such as growth, maintenance or maintenance plus production shall be specified.

Blending (process)

To combine two or more ingredients or feeds. It does not imply a uniformity of dispersion.

Blocked, Blocking (processing)

Having agglomerated individual ingredients or mixtures into a large mass.

Blocks (physical form)

Agglomerated feed compressed into a solid mass cohesive enough to hold its form and most generally weighing from 13.6-22.7 kg.

Brand name

Any word, name symbol or device or any combination thereof identifying the commercial feed of a distributor and distinguishing it from that of others.

Bricks

Agglomerated feed compressed into a solid mass cohesive enough to hold its form and weighing less than 0.91 kg.

By-product

Secondary products produced in addition to the principal products.

Cake (physical form): The mass resulting from the pressing of seeds in order to remove oils, fats or other liquids.

Canned (process)

A term applied to a feed, which has been processed, packaged and sterilized for preservation in cans or similar containers.

Carrier

An edible material to which ingredients are added to facilitate uniform incorporation of the latter into feeds. The active principles are absorbed, impregnated or coated onto or into the edible material in such a way as to physically carry the active ingredients.

Chaff (part)

Glumes, husks or other seed coverings together with other plant parts separated from seed in threshing or processing.

Chipped, Chipping (process)

Reduced in particle size by cutting with knives or other edged instruments.

Cleaned or cleaning (process)

Removal of material by such methods as scalping, aspirating, magnetic separation or by any other method.

Cleanings (part)

Chaff, weed seeds, dust and other foreign matter removed from cereal grains.

Complete feed

A nutritionally adequate feed for animals other than man, by specific formula is compounded to be fed as the sole ration and is capable of maintaining life and / or promoting production without any additional substance being consumed except water.

Concentrate

A feed used with another to improve the nutritive balance of the total and intended to be further diluted and mixed to produce a supplement or complete feed.

Condensed or condensing (process)

Reduced to denser form by removal of moisture.

Tempered/ tempering, conditioned or conditioning (process)

Having achieved pre-determined moisture characteristics and / or temperature of ingredients or a mixture of ingredients prior to further processing.

Cooked or cooking (process)

Heated in the presence of moisture to alter chemical and (or) physical characteristics to sterilize.

Crimped or crimping (process)

Rolled by use of corrugated rollers. It may entail tempering or conditioning and cooling.

Crumbled or crumbling (process)

Pellets reduced to granular form.

Crumbles (physical form)

Pelleted feed reduced to granular form.

Flaked, flaking, crusted, crushing, rolled, rolling (process)

Having changed the shape and / or size of particles by compressing between rollers. It may entail tempering or conditioning.

Cubes, pellets (physical form)

Agglomerated feed formed by compacting and forcing through die openings by a mechanical process (similar terms: pelleted feed, hard pellets).

Dehulled or dehulling (processing)

Having removed the outer covering from grains or other seeds.

Dehydrated or dehydrating (processing)

Having been freed of moisture by thermal means.

Diluent

An edible substance used to mix with and reduce the concentration of nutrients and/or additives to make them more acceptable to animals, safe to use and more capable of being mixed uniformly in feed (it may also be carrier).

Dressed or dressing (process)

Made uniform in texture by breaking or screening of lumps from feed and/ or the application of liquid(s).

Dried or drying (process)

Materials from which water or other liquid has been removed.

Dust (part)

Fine, dry pulverized particles of matter usually resulting from the cleaning or grinding of grain.

Emulsifier (part)

A material capable of causing fat or oils to remain in liquid suspension.

Evaporated or evaporating (process)

Reduced to a denser form, concentrated as by evaporation or distillation.

Expanded, expanding (process)

Subjected to moisture, temperature and pressure to gelatinize the starch portion. When extruded its volume is increased due to abrupt reduction in pressure.

Extracted mechanical (process)

Having removed fat or oil from materials by heat and mechanical pressure.

Similar terms (old process)

Expeller extracted, hydraulic extracted.

Extracted, solvent (process)

Having removed fat or oil from materials by organic solvents.

Extruded (process)

A process by which feed has been processed, pushed, or protruded through constrictions under pressure.

Feed, feed stuff

Edible materials which are consumed by animals and contribute energy and/ or nutrients to the animals' diet.

Fines (in crumbles or pellets part)

Any materials which will pass through a screen whose openings are immediately smaller than the specified minimum crumble size or pellet diameter.

Flakes (physical form)

An ingredient rolled or cut into flat pieces with or without prior steam conditioning.

Flour (part)

Soft, finely ground and bolted meal obtained from the milling of cereal grains, other seeds or products. It consists essentially of the starch and gluten of the endosperm.

Formula feed

Two or more ingredients proportioned, mixed and processed according to specifications.

Gelatinized, gelatinizing (process)

Having had the starch granules completely ruptured by a combination of moisture, heat and pressure and in some instances by mechanical shear.

Grits (part)

Coarsely ground grain from which the bran and germ have been removed. Usually screened to uniform particle size.

Groats (part)

Grains from which the hulls have been removed.

Ground, grinding (process)

Reduced in particle size by impact, shearing or attrition.

Heat processed, heat processing (process)

Subjected to a method of preparation involving the use of elevated temperatures with or without pressure.

Hulls (part)

Outer covering of grain or other seed.

Ingredient

The term "Feed ingredient" means each of the constituent material making up a commercial feed.

Kibbled, kibbling (process)

Cracked or crushed baked dough or extruded feed that has been cooked prior to or during the extrusion process.

Mash (physical form)

A mixture of ingredients in meal form. Similar terms mash feed.

Meals (physical form)

An ingredient which has been ground or otherwise reduced in particle size.

Micro-ingredients

Vitamins, minerals, antibiotics, drugs and other materials normally required and measured in small units.

Mill by-product (part)

A secondary product obtained in addition to the principal product in milling practice.

Mill dust (part)

Feed particles, which escape from mill equipment.

Mill run (part)

The state in which a material comes from the mill, upgraded and usually inspected.

Mixing (process)

To combine by agitation two or more materials to a specific degree of dispersion.

Pearled, pearling (process)

Dehulled grains reduced by machine brushing into smaller smooth particles.

Pellets, soft (physical form)

Pellets containing a large percentage of liquids requiring immediate dusting and cooling.

Pelleted or pelleting (process)

Having agglomerated feed by compacted and forced through die openings.