1982 No. 337

AGRICULTURE

The Feeding Stuffs Regulations (Northern Ireland) 1982

Made . . . . . *19th October 1982*

Coming into operation . . . *25th February 1983*

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The Department(a) of Agriculture, after consultation with such persons or organisations as appear to it to represent the interests concerned, in exercise of the powers conferred on it by sections 66(1), 68(1), (1A) and (3), 69(1) and (3), 70(1), 73(3), 74(1), 74A(b) and 84 of the Agriculture Act 1970(c) and of every other power enabling it in that behalf, hereby makes the following regulations:—

(a) Formerly Ministry: *see* Northern Ireland Constitution Act 1973 (c. 36) Sch. 5 para. 8(1)
(b) Inserted by 1972 c. 68 s. 4(1) and Sch. 4 para. 6
(c) 1970 c. 40 as amended by S.I. 1982/980

Citation and commencement

1. These regulations may be cited as the Feeding Stuffs Regulations (Northern Ireland) 1982 and shall come into operation on 25th February 1983.

Interpretation

2.—(1) In these regulations, unless the context otherwise requires—

"the Act" means the Agriculture Act 1970;

"amount of protein" means—

(*a*) except in the case of compound feeding stuffs for bulls, cows, steers, heifers, calves, sheep or goats, the amount of nitrogen, other than urea, biuret, isobutylidenediurea, urea phosphate or uric acid nitrogen, multiplied by 6.25;

(*b*) in the case of compound feeding stuffs for bulls, cows, steers, heifers, calves, sheep or goats, the amount of nitrogen, including urea, biuret, isobutylidenediurea, urea phosphate and uric acid nitrogen but not including ammoniacal or nitrate nitrogen, multiplied by 6.25;

"amount of protein equivalent of urea, biuret, isobutylidenediurea, urea phosphate or uric acid" means the amount of urea, biuret, isobutylidenediurea, urea phosphate nitrogen or uric acid nitrogen and its salts multiplied by 6.25;

"antioxidant" means any substance which delays, retards or prevents the development in a feeding stuff of rancidity or other deterioration arising from oxidation;

"ash" means the matter which results from the treatment of the feeding stuff according to the procedure described in method 12 of Schedule 2 to the Feeding Stuffs (Sampling and Analysis) Regulations (Northern Ireland) 1982(a);

"binder" means any substance which is added to feeding stuffs essentially to aid compaction;

"colourant" means any substance, other than a basic feed ingredient, which is added to a feeding stuff essentially to impart colour to the feeding stuff or to an animal product, but does not include a substance which is added to material only for the purpose of indicating that the material is fit only for animal feeding;

"complementary feeding stuff" means a compound feeding stuff which, by reason of its composition, is not sufficient to ensure a daily ration unless it is used in combination with other feeding stuffs;

"complete feeding stuff" means a compound feeding stuff which, by reason of its composition, is sufficient to ensure a daily ration;

"compound feeding stuff" means organic or inorganic substances in mixtures, for oral animal feeding in the form of complete or complementary feeding stuffs;

"daily ration" means the total quantity of feeding stuff, expressed on 12 per cent. moisture basis, required by an animal of a given kind, age group and level of production in order to satisfy its average daily nutritional needs;

"emulsifier" means any substance, other than a basic feed ingredient, which aids the formation of the uniform dispersion of two or more immiscible substances;

(a) S.R. 1982 No. 338

"fibre" means the organic matter calculated as a result of treatment of the feeding stuff according to the procedure described in method 9 of Schedule 2 to the Feeding Stuffs (Sampling and Analysis) Regulations (Northern Ireland) 1982;

"medicinal product" and "medicinal purpose" have the meanings assigned to them by section 130(1) and (2) respectively of the Medicines Act 1968(a);

"mineral feeding stuff" means a complementary feeding stuff which is composed mainly of minerals and which contains at least 40 per cent. by weight of ash;

"molassed feeding stuff" means a complementary feeding stuff prepared from molasses and which contains at least 14 per cent. by weight of total sugar expressed as sucrose;

"moisture" means water and other volatile material determined according to the procedure described in method 2 of Schedule 2 to the Feeding Stuffs (Sampling and Analysis) Regulations (Northern Ireland) 1982;

"oil" means the extract obtained as a result of treatment of the feeding stuff according to the procedure described in method 3 of Schedule 2 to the Feeding Stuffs (Sampling and Analysis) Regulations (Northern Ireland) 1982;

"pet food" means a feeding stuff for pet animals and "compound pet food" shall be construed accordingly;

"preservative" means any substance which delays, retards or prevents the development in a feeding stuff of rancidity or other deterioration arising from microbial activity, but excludes any antioxidant, colourant, emulsifier, stabiliser or binder permitted under these regulations;

"stabiliser" means any substance, other than a basic feed ingredient, which maintains the uniform dispersion of two or more immiscible substances; and

"straight feeding stuff" means a single substance of animal, vegetable or mineral origin in its natural state, fresh or preserved and its derivatives after industrial processing (whether or not including the substances controlled under regulation 14(1)), intended for sale or sold, to keepers or breeders for the feeding of any animal without mixing with any other material.

(2) Any reference in these regulations to a numbered regulation or Schedule shall, unless the context otherwise requires, be construed as a reference to the regulation or Schedule bearing that number in these regulations.

(3) Any reference in these regulations to a numbered section shall, unless the reference is to a section of a specified Act, be construed as a reference to the section bearing that number in the Act.

Descriptions of animals prescribed for the purpose of the definition of feeding stuff

3. For the purpose of the definition of feeding stuff in section 66(1), bulls, cows, steers, heifers, calves, sheep, goats, swine, horses, rabbits, mink, partridges, pheasants, poultry, bees, trout and salmon are prescribed animals.

Prescribed descriptions of material

4. The descriptions of material prescribed for the purposes of sections 68(1) and 69(1) shall be—

(*a*) until 30th June 1984 any material usable as a feeding stuff other than material intended for use as a pet food, and

(*b*) from 1st July 1984 any material usable as a feeding stuff other than a straight feeding stuff intended for use as a pet food.

(a) 1968 c. 67

Particulars, etc., required and permitted to be contained in a statutory statement

5. For the purposes of sub-sections (1) and (1A) of section 68 the particulars, information and instructions required, and the particulars, information and instructions permitted, to be contained in a statutory statement shall be those set out in Schedule 1.

Manner of marking material

6. The particulars required by section 68(1) and permitted by section 68(1A) to be contained in a statutory statement, whether that statement takes the form of an accompanying document for bulk deliveries or a label on a package or other container, or whether those particulars are marked directly on the package or other container shall—

(*a*) be clearly separate from any other information,

(*b*) be in English, and

(*c*) be legible and indelible.

Control of particulars concerning the ingredients of compound feeding stuffs

7. No person shall—

(*a*) sell a compound feeding stuff in relation to which the statutory statement, label or any document given to the purchaser in connection with a particular delivery, refers to the presence of any ingredient (other than a substance controlled under regulation 14(1)); or

(*b*) have on his premises for the purpose of selling it in the course of trade any compound feeding stuff which is ready for sale and marked so as to show the presence of any such ingredient,

unless the statutory statement or label or document or mark, as the case may be, lists all the ingredients present in the compound feeding stuff concerned, either individually or in appropriately described categories of ingredients of like characteristic or nature, or a combination thereof, in descending order of proportion by weight.

Time by which a statutory statement relating to certain material must be given

8. For the purpose of section 68(3), any statutory statement required to be given on the sale of any material, not being a compound feeding stuff, may be given as soon as practicable after delivery to the purchaser.

Register of marks

9.—(1) As respects any material (not being a compound feeding stuff) of a prescribed description the matters required by section 69(1) to be marked on that material may be denoted by a mark whose meaning can be ascertained by reference to a register kept in accordance with this regulation.

(2) In the case of any compound feeding stuff, not being of a standard formulation on general sale by the seller concerned, which is specially manufactured or mixed to the order of a particular purchaser, there shall be an indication in a document, ticket or notice which is readily apparent and unequivocally associated with the material, of the type of feeding stuff and of the name or trade name, and of the address or registered office of the manufacturer. The other matters required by section 69(1) to be marked on the material may be denoted by a mark whose meaning can be ascertained by reference to a register kept in accordance with this regulation.

(3) The register shall show those matters to which the mark relates, being matters required to be contained in a statutory statement relating to the material to which the mark relates, and the date of entry of those particulars in the register, and entries relating to material of a kind mentioned in paragraph (2) of this regulation shall

include the name and address of the purchaser, the date of the order and the amount ordered. The register shall be kept as a separate record in book form marked on the outside "Register of marks under section 69(6) of the Agriculture Act 1970" and shall be kept on the premises where the material is held for the purpose of selling it in the course of trade for use as a feeding stuff, save that if the material is in a public store the register shall be kept on the premises of the person who has the material for sale.

(4) The period for which the register is to be preserved in accordance with section 69(7) shall be a period of six months commencing on the first day on which none of the materials referred to in the register remains on the premises for sale as aforesaid.

(5) The register shall be made and kept by the seller concerned.

Limits of variation

10. For the purpose of section 74, the limits of variation in relation to any mis-statement in a statutory statement or mark as to the nature, substance or quality of a feeding-stuff which relates to an analytical constituent mentioned in the first column of Schedule 3 shall be as set out with respect to that constituent in the second column of the said Schedule.

Manner of packaging and sealing compound feeding stuffs

11.—(1) Subject to paragraphs (2) and (3) below no person shall sell a compound feeding stuff unless it is in a bag or container and unless that bag or container is sealed in such a way that when the bag or container is opened the seal is damaged and cannot be re-used.

(2) Compound feeding stuffs may be sold in bulk, in unsealed bags or in unsealed containers in the case of—

(*a*) deliveries between producers or sellers of compound feeding stuffs;

(*b*) deliveries from producers of compound feeding stuffs to packaging firms;

(*c*) compound feeding stuffs obtained by mixing grain or whole fruit;

(*d*) blocks or licks; and

(*e*) small quantities not exceeding 50 kg in weight, which are intended for the final user and are taken directly from a bag or container which before opening complied with the sealing provision of paragraph (1) above.

(3) Compound feeding stuffs may be sold in bulk, or in unsealed containers, but not in unsealed bags in the case of—

(*a*) direct deliveries from the producer to the final user;

(*b*) molassed feeding stuffs consisting of less than three ingredients; and

(*c*) pelleted feeding stuffs.

Meanings of names

12. For the purpose of section 70, any name of a material specified in the second column of Schedule 2 shall have the meaning assigned thereto in the third column of the said Schedule.

Control of the moisture content of certain compound feeding stuffs

13. No person shall sell or have in possession with a view to sale a compound feeding stuff which contains more than 40% of milk products by weight, unless the said feeding stuff contains 7% or less of moisture by weight.

Control of feeding stuffs containing added substances

14.—(1) No person shall sell or have in possession with a view to sale for use as a feeding stuff, or use as a feeding stuff, or import into Northern Ireland for such use any material containing any added antioxidant, colourant, copper, emulsifier,

stabiliser, binder, preservative, vitamin D_2 or D_3, or any added substance specified in the first column of Parts V and VI of the Table in Schedule 4 unless, in each case, the material complies with the relevant provisions of that Schedule relating to content and, where appropriate, to marking, and it shall be proof of an offence under section 74A(3) if a sampled portion of the material is shown by an analysis of the sample taken from it not to comply with a relevant provision of the said Schedule.

(2) Paragraph (1) of this regulation shall not apply to any substance which is—

(*a*) for use in accordance with a prescription given by a veterinary surgeon or veterinary practitioner for the treatment of a particular animal or particular animals under his care; or

(*b*) a medicinal product or for use for a medicinal purpose in a feeding stuff.

(3) No person shall use as a feeding stuff or import into Northern Ireland for such use any material containing any added substance, not being copper or a substance of a name or description specified in the Table in Schedule 4, which is deleterious to animals of any description specified in regulation 3, to pet animals or to human beings, and it shall be proof of an offence under section 74A(3) if a sampled portion of the material is shown by an analysis of the sample taken from it to contain an added substance which is deleterious as aforesaid.

Control of feeding stuffs containing undesirable substances

15.—(1) No person shall sell, or have in possession with a view to sale, to any keeper or breeder of any animal, for use as a feeding stuff, any material specified in the second column of Schedule 5 which, as respects a sampled portion, contains any substance specified in the first column of the said Schedule in excess of the level specified in relation thereto in the third column of the said Schedule and it shall be proof of an offence under section 74A(3) if a sampled portion of the material is shown by an analysis of the sample taken from it to contain such a substance in such excess.

(2) No person shall sell or have in possession with a view to sale any complementary feeding stuff containing a substance listed in the first column of Schedule 5 in relation to which that complementary feeding stuff is not specified in the second column thereof, unless the directions for use are worded with the object of ensuring that—

(*a*) that complementary feeding stuff is used only as part of a daily ration, and

(*b*) that daily ration contains no more of the said substance than the level specified in relation thereto for complete feeding stuffs.

(3) Paragraphs (1) and (2) of this regulation shall not apply to any substance which is—

(*a*) for use in accordance with a prescription given by a veterinary surgeon or a veterinary practitioner for the treatment of a particular animal or particular animals under his care; or

(*b*) a medicinal product or for use for a medicinal purpose in a feeding stuff.

Restriction on importation and sale of material containing Aflatoxin B_1

16. No person shall import into Northern Ireland, or sell or have in possession with a view to sale, for use as a feeding stuff any material which is groundnut or a derivative of groundnut in which the level of Aflatoxin B_1 exceeds 0.05 mg/kg, and it shall be proof of an offence under section 74A(3) if a sampled portion of the material is shown by an analysis of the sample taken from it to contain a level of Aflatoxin B_1 exceeding 0.05 mg/kg.

Modification of the Agriculture Act 1970 in relation to all feeding stuffs

17.—(1) Sections 66 and 82 of the Act shall apply in relation to all feeding stuffs subject to the modifications provided for in the following paragraphs.

(2) For sub-section (2) of section 66 there shall be substituted the following sub-section—

"(2) For the purposes of this Act—

(*a*) materials shall be treated as sold for use as a fertiliser whether it is sold to be so used by itself or as an ingredient in something which is to be so used;

(*b*) materials shall be treated—

(i) as imported or sold for use as a feeding stuff whether it is imported or, as the case may be, sold to be so used by itself or as an ingredient in something which is to be so used, and

(ii) as used as a feeding stuff whether it is so used by itself or as an ingredient in something which is to be so used.".

(3) In sub-section (1) of section 82 for the words "68(4)(*b*) and (*c*)" there shall be substituted the words "68(1A), (4)(*b*) and (*c*)" and for the words "and 73" there shall be substituted the words "73, 73A and 74A".

Modification of the Agriculture Act 1970 in relation to imported feeding stuffs

18.—(1) In relation to feeding stuffs which have been imported section 69(1) shall have effect subject to the modifications provided for in the following paragraph.

(2) The words "and in either case before it is removed from the premises" shall be omitted, and for the words "the material" there shall be substituted the words "any material which has been marked in accordance with this sub-section".

Exemptions

19. These regulations shall not apply to any feeding stuff which is for use only for the purpose of scientific research or experiment and is not generally available for sale, purchase or use as a feeding stuff, and which is clearly marked or labelled to that effect.

Revocations

20. The Fertilisers and Feeding Stuffs Regulations (Northern Ireland) 1973(a) shall cease to have effect in relation to feeding stuffs on 25th February 1983.

Sealed with the Official Seal of the Department of Agriculture for Northern Ireland on 19th October 1982.

(L.S.) *W. H. Parker*
Assistant Secretary

(a) S.R. & O. (N.I.) 1973 No. 494 as amended by S.R. 1976 No. 255, S.R. 1977 No. 52, S.R. 1980 No. 404, S.R. 1981 No. 17 and S.R. 1982 No. 80

SCHEDULE 1 Regulation 5

Matters to be contained in the Statutory Statement

1.—(1) In the case of any material sold for use as a feeding stuff, the name or trade name and address or registered office of the person responsible for the accuracy of the particulars referred to in this Schedule shall be contained in the statutory statement given by the seller to the purchaser.

(2) The following particulars may be contained in the statutory statement:

(*a*) the identification mark or trade mark of the person responsible for the particulars referred to in this Schedule;

(*b*) the batch number;

(*c*) the final date or time limit by which or during which the material should be used;

(*d*) the price of the material; and

(*e*) the country of origin or manufacture of the material.

2. In the case of any material to which there has been added in the course of manufacture or preparation for sale any of the undermentioned substances (other than as a medicinal product or for a medicinal purpose)—

(1) The following particulars specified below in relation to each substance shall also be contained in the statutory statement:

(*a*) copper or magnesium, a statement of the total amount present (whether naturally present or added) of any copper (if present in excess of 50 milligrams per kilogram) or magnesium (if present in excess of 0.5 per cent);

(*b*) antioxidant, colourant or preservative, either the words "contains permitted antioxidant", "contains permitted colourant", or "contains permitted preservative" as appropriate, or the name of the antioxidant, colourant or preservative;

(*c*) vitamin A D or E, the name of the vitamin and a statement of the total amount present (whether naturally present or added) and an indication of the period during which that amount will remain present; and

(*d*) molybdenum or selenium, a statement of the total amount of molybdenum or selenium present (whether naturally present or added).

(2) The following additional particulars specified below in relation to each substance may be contained in the statutory statement:

(*a*) iron, a statement of the total amount of iron present (whether naturally present or added);

(*b*) iodine, a statement of the total amount of iodine present (whether naturally present or added);

(*c*) cobalt, a statement of the total amount of cobalt present (whether naturally present or added);

(*d*) manganese, a statement of the total amount of manganese present (whether naturally present or added);

(*e*) zinc, a statement of the total amount of zinc present (whether naturally present or added);

(*f*) vitamins other than A, D or E, the name of the vitamin and a statement of the total amount present (whether naturally present or added) and an indication of the period during which that amount will remain present; and

(*g*) pro-vitamins, the name of the pro-vitamin and a statement of the total amount present (whether naturally present or added) and an indication of the period during which that amount will remain present.

(3) Any amount referred to:

(*a*) in paragraph (1)(a) above shall be expressed as a percentage by weight (unless the amount present is less than 0.1 per cent by weight in which case it shall be expressed in milligrams per kilogram);

(*b*) in paragraph (1)(c) above shall be expressed in international units per kilogram or units per kilogram; and

(*c*) in paragraph (1)(*d*) above shall be expressed in milligrams per kilogram.

3. In the case of any material of any description, not being a pet food, named in the second column of Schedule 2, the following particulars shall also be contained in the statutory statement:

(*a*) the name of the feeding stuff specified in the said second column;

(*b*) an indication of the form of presentation of the feeding stuff and of any process which the feeding stuff has undergone in the course of preparation or manufacture if this is not clear from the name;

(*c*) denaturing agents: nature and quantity where materials referred to in the second column of Schedule 2 are used to denature straight feeding stuffs;

(*d*) binding agents: nature where materials referred to in the second column of Schedule 2 are used to bind straight feeding stuffs, provided that such materials do not exceed 3% by weight of the straight feeding stuff; and

(*e*) the amounts of each of the analytical constituents which are listed in the fourth column of Schedule 2.

4. In the case of any material of any description, not being a pet food, named in the second column of Schedule 2, the following additional particulars may be contained in the statutory statement:

(*a*) directions for use of the material; and

(*b*) the amounts of each of the analytical constituents which are listed in the fifth column of Schedule 2.

5. In the case of any material of any description, not being a pet food, which is not named in column 2 of Schedule 2, a name or description or a name and description sufficiently specific to indicate the nature of the material shall also be contained in the statutory statement.

6. In the case of any straight feeding stuff, not being a pet food, the words "straight feeding stuff" shall also be contained in the statutory statement.

7. In the case of any compound feeding stuff the following particulars shall also be contained in the statutory statement:

(*a*) a name or description, or a name and description which clearly indicates that the material is a compound feeding stuff, which name or description may include references to the species or category of animal, and the purpose for which the material is intended;

(*b*) the species or category of animal for which the material is intended if this is not apparent from the particulars given in accordance with (*a*) above, except that, where the material comprises no more than three ingredients and where the ingredients concerned appear in the name or description, the species or category of animal may be omitted from the statutory statement; and

(*c*) directions for use and the intended purpose of the material if this is not apparent from the particulars given in accordance with (*a*) or (*b*) above, except that, where the material comprises no more than three ingredients and where the ingredients concerned appear in the name or description, the directions for use and the intended purpose may be omitted from the statutory statement.

8. In the case of any compound feeding stuff the following additional particulars may be contained in the statutory statement:

(*a*) the date of manufacture;

(*b*) directions for use when not required to be given in accordance with paragraph 7(*c*) above; and

(*c*) ingredients when not required to be given in accordance with sub-paragraph 14(*a*)(v) below.

9. In the case of a molassed feeding stuff—

(*a*) the following particulars shall also be contained in the statutory statement:

(i) amount of fibre; and

(ii) amount of total sugar expressed as sucrose.

(*b*) the following additional particulars may be contained in the statutory statement:

(i) amount of moisture;

(ii) amount of starch;

(iii) amount of protein soluble in pepsin and hydrochloric acid;

(iv) amount of calcium;

(v) amount of magnesium;

(vi) amount of sodium;

(vii) amount of phosphorus; and

(viii) in the case of material intended for the feeding of pigs, poultry and pre-ruminating ruminants, amounts of cystine, lysine or methionine.

10. In the case of a mineral feeding stuff—

(*a*) the following particulars shall also be contained in the statutory statement:

(i) amount of ash;

(ii) amount of calcium;

(iii) amount of phosphorus; and

(iv) amount of sodium.

(*b*) the following additional particulars may be contained in the statutory statement:

(i) amount of protein;

(ii) amount of protein soluble in pepsin and hydrochloric acid;

(iii) amount of oil;

(iv) amount of fibre; and

(v) amount of magnesium.

11. In the case of a compound feeding stuff not referred to in paragraphs 9 and 10 above and not being a compound pet food—

(*a*) the following particulars shall also be contained in the statutory statement:

(i) amount of protein;

(ii) amount of oil;

(iii) amount of fibre; and

(iv) amount of ash.

(*b*) the following additional particulars may be contained in the statutory statement:

(i) amount of protein soluble in pepsin and hydrochloric acid;

(ii) amount of moisture;

(iii) amount of starch;

(iv) amount of total sugar expressed as sucrose;

(v) amount of calcium;

(vi) amount of magnesium;

(vii) amount of sodium;

(viii) amount of phosphorus; and

(ix) in the case of material intended for the feeding of pigs, poultry and pre-ruminating ruminants, amounts of cystine, lysine or methionine.

12. In the case of a compound feeding stuff for bulls, cows, steers, heifers, calves, sheep or goats, the amounts of the following protein equivalents, if present, shall also be contained in the statutory statement:

(*a*) urea;

(*b*) biuret;

(*c*) isobutylidenediurea;

(*d*) urea phosphate; and

(*e*) uric acid if present in quantities of 1% or greater.

13. In the case of a compound feeding stuff not referred to in paragraph 12, the amount of protein equivalent of uric acid, if present in quantities of 1% or greater, shall also be contained in the following manner in the statutory statement:

"protein equivalent of uric acid *x* per cent (not available to non ruminants)"

where *x* equals the amount declared.

14. In the case of a compound pet food for dogs or cats—

(*a*) the following particulars shall also be contained in the statutory statement:

(i) amount of protein;

(ii) amount of oil;

(iii) amount of fibre;

(iv) amount of ash; and

(v) ingredients.

(*b*) the following additional particulars may be contained in the statutory statement:

(i) amount of calcium;

(ii) amount of sodium;

(iii) amount of phosphorus; and

(iv) amount of moisture.

15. In the case of a compound pet food not referred to in paragraph 14 above, the following additional particulars may be contained in the statutory statement:

(*a*) amount of moisture;

(*b*) amount of protein;

(*c*) amount of oil;

(*d*) amount of fibre;

(*e*) amount of ash;

(*f*) amount of calcium;

(*g*) amount of sodium; and

(*h*) amount of phosphorus.

16. In the particulars set out in the preceding paragraphs:

(*a*) the amounts of the analytical constituents specified shall be expressed as a definite percentage of the weight of the material and not as a range of percentages; and

(*b*) phosphorus shall be expressed as "phosphorus P".

SCHEDULE 2 Regulation 12 and Schedule 1

Materials and their meanings

Group 1	*Name of Feeding stuff* 2	*Meaning* 3	*Compulsory declarations* 4	*Optional declarations* 5
OIL CAKES AND MEALS	Macoya palm kernel expeller	By-product of oil manufacture, obtained by pressing from seeds separated from their pulp of the following species of Macoya palm *Acrocomia sclerocarpa Mart.* and *Acrocomia totai Mart.*	Protein Fibre Oil	Ash Moisture
	Macoya extracted palm kernel	By-product of oil manufacture, obtained by extraction from seeds of Macoya palm separated from their pulp	Protein Fibre	Ash Moisture Oil
	Macoya palm pulp	By-product of oil manufacture, obtained by pressing from pulp of Macoya palm	Protein Fibre Oil	Ash Moisture
	Decorticated groundnut expeller	By-product of oil manufacture, obtained by pressing from decorticated groundnuts (species *Arachis hypogaea* and other species of *Arachis*)	Protein Fibre Oil	Ash Moisture
	Extracted decorticated groundnut	By-product of oil manufacture, obtained by extraction from decorticated groundnut seeds	Protein Fibre	Ash Moisture Oil
	Partly-decorticated groundnut expeller	By-product of oil manufacture, obtained by pressing from partly-decorticated groundnut seeds	Protein Fibre Oil	Ash Moisture
	Extracted, partly-decorticated groundnut	By-product of oil manufacture, obtained by extraction from partly-decorticated groundnut seeds	Protein Fibre	Ash Moisture Oil

Group 1	*Name of Feeding stuff* 2	*Meaning* 3	*Compulsory declarations* 4	*Optional declarations* 5
	Rape seed expeller	By-product of oil manufacture, obtained by pressing from seeds of rape *Brassica napus L. ssp. oleifera (Metzg.) Sinsk.*, of Indian sarson *Brassica napus L. var. glauca (Roxb.) O.E.Schulz* and of rape *Brassica campestris L. ssp. oleifera (Metzg.) Sinsk.*	Protein Fibre Oil	Ash Moisture
	Extracted rape seed	By-product of oil manufacture, obtained by extraction from seeds of colza, Indian sarson or rape	Protein Fibre	Ash Moisture Oil
	Copra expeller	By-product of oil manufacture, obtained by pressing from copra, the dried kernel (endosperm) and testa of the coconut palm, *Cocos nucifera L.*	Protein Fibre Oil	Ash Moisture
	Extracted copra	By-product of oil manufacture, obtained by extraction from copra, the dried kernel (endosperm) and testa of the coconut palm	Protein Fibre	Ash Moisture Oil
	Coconut cakes or meals	The residue resulting from the removal of oil from commercially pure coconut kernels	Protein Fibre Oil	Ash Moisture
	Palm kernel expeller	By-product of oil manufacture, obtained by pressing from palm nuts, from which as much as possible of the hard shell has been removed, of the following species of oil palm: *Elaeis guineensis Jacq., Corozo oleifera (H.B.K.) L.H. Bailey (Elaeis melanococca-auct.)*	Protein Fibre Oil	Ash Moisture
	Extracted palm kernel	By-product of oil manufacture, obtained by extraction from palm nuts of the species of oil palm from which as much as possible of the hard shell has been removed	Protein Fibre	Ash Moisture Oil

Group 1	*Name of Feeding stuff* 2	*Meaning* 3	*Compulsory declarations* 4	*Optional declarations* 5
	Soya expeller	By-product of oil manufacture, obtained by pressing from soya beans (the seed of the species *Glycine max. (L.) Merr.*)	Protein Fibre Oil	Ash Moisture
	Extracted toasted soya	By-product of oil manufacture, obtained from soya bean seeds by extraction and appropriate heat treatment	Protein Fibre	Ash Moisture Oil
	Extracted toasted hulled soya seeds	By-product of oil manufacture, obtained from hulled soya bean seeds by extraction and appropriate heat treatment	Protein Fibre	Ash Moisture Oil
	Decorticated cotton seed expeller	By-product of oil manufacture, obtained by pressing from seeds of cotton belonging to the genus *Gossypium spp.* from which the fibres and husks have been removed	Protein Fibre Oil	Ash Moisture
	Extracted decorticated cotton seed	By-product of oil manufacture, obtained by extraction from seeds of cotton from which the fibres have been removed	Protein Fibre	Ash Moisture Oil
	Partly-decorticated cotton seed expeller	By-product of oil manufacture, obtained from seeds of cotton from which the fibres and part of the husks have been removed	Protein Fibre Oil	Ash Moisture
	Extracted, partly-decorticated cotton seed	By-product of oil manufacture, obtained by extraction from seeds of cotton from which the fibres and part of the husks have been removed	Protein Fibre	Ash Moisture Oil
	Cotton cakes or meals not decorticated	The residue resulting from the removal of oil from commercially pure cotton seed, not decorticated	Protein Fibre Oil	Ash Moisture

Group 1	*Name of Feeding stuff* 2	*Meaning* 3	*Compulsory declarations* 4	*Optional declarations* 5
	Expeller or extracted niger seed	By-product of oil manufacture, obtained by pressing seeds of the niger plant *Guizotia abyssinica (L.f) Cass.*	Protein Fibre Oil	Ash Moisture
	Decorticated sunflower seed expeller	By-product of oil manufacture, obtained by pressing from seeds of the sunflower *Helianthus annuus L.* from which as much as possible of the husk has been removed	Protein Fibre Oil	Ash Moisture
	Extracted decorticated sunflower seed	By-product of oil manufacture, obtained by extraction from seeds of the sunflower from which part of the husks have been removed as far as possible	Protein Fibre	Ash Moisture Oil
	Partly-decorticated sunflower seed expeller	By-product of oil manufacture, obtained by pressing from seeds of the sunflower from which part of the husks have been removed	Protein Fibre Oil	Ash Moisture
	Extracted, partly-decorticated sunflower seed	By-product of oil manufacture, obtained by extraction from seeds of the sunflower from which part of the husks have been removed	Protein Fibre	Ash Moisture Oil
	Linseed expeller	By-product of oil manufacture, obtained by pressing from linseed, *Linum usitatissimum L.*	Protein Fibre Oil	Ash Moisture
	Extracted linseed	By-product of oil manufacture, obtained by extraction from linseed	Protein Fibre	Ash Moisture Oil
	Linseed meal	The meal obtained by grinding or crushing commercially pure linseed	Protein Fibre Oil	Ash Moisture

Group 1	*Name of Feeding stuff* 2	*Meaning* 3	*Compulsory declarations* 4	*Optional declarations* 5
	Babassu palm nut expeller	By-product of oil manufacture, obtained by pressing from palm nuts, from which as much as possible of the hard shell has been removed, of the Brazilian Babassu palms *Orbignya oleifera Burr* and other species of *Orbignya*	Protein Fibre Oil	Ash Moisture
	Rice germ expeller	By-product of oil manufacture, obtained by pressing from germ of rice *Oryza sativa L.* to which parts of the endosperm and tegument still adhere	Protein Fibre Oil	Ash Moisture
	Extracted brown rice germ	By-product of oil manufacture, obtained by extraction from germ of rice to which parts of the endosperm and tegument still adhere	Protein Fibre	Ash Moisture Oil
	Sesame seed expeller	By-product of oil manufacture, obtained by pressing from seeds of the sesame plant, *Sesamum indicum L.*	Protein Fibre Oil	Ash Moisture
	Extracted sesame seed	By-product of oil manufacture, obtained by extraction from seeds of the sesame plant	Protein Fibre	Ash Moisture Oil
	Extracted cocoa bean	By-product of oil manufacture, obtained by extraction from dried and roasted cocoa bean seeds *Theobroma cacao L.* from which as much as possible of the husk has been removed	Protein Fibre	Ash Moisture Oil
	Wheat germ expeller	By-product of oil manufacture, obtained by pressing from wheat germ of the species *Triticum aestivum L., Triticum durum Desf.* and from other cultivated species of husked wheat or from screened husked grains of spelt of the species *Triticum spelta L., Triticum dicoccum Schrank, Triticum monococcum L.*, to which parts of the endosperm and tegument still adhere	Protein Fibre Oil	Ash Moisture

Group 1	*Name of Feeding stuff* 2	*Meaning* 3	*Compulsory declarations* 4	*Optional declarations* 5
	Maize germ expeller (by-product of maize milling)	By-product of oil manufacture, obtained by pressing and by a dry process, from maize germ *Zea mays L.* to which parts of the endosperm and testa still adhere	Protein Fibre Oil	Ash Moisture Starch
	Extracted maize germ (by-product of maize milling)	By-product of oil manufacture, obtained by extraction and by a dry process, from maize germ to which parts of the endosperm and testa still adhere	Protein Fibre	Ash Moisture Oil Starch
	Maize germ expeller (by-product of the starch industry)	By-product of oil manufacture, obtained by pressing and by a wet process, from maize germ to which parts or the endosperm and testa still adhere	Protein Fibre Oil	Ash Moisture
	Extracted maize germ (by-product of the starch industry)	By-product of oil manufacture, obtained by extraction and by a wet process, from maize germ to which parts of the endosperm and testa still adhere	Protein Fibre	Ash Moisture Oil
	Olive pulp meal	By-product of oil manufacture, obtained by extraction from fruits of the olive tree *Olea Europea L.* free as far as possible from fragments of stone	Protein Fibre	Ash Moisture Oil
PRODUCTS AND BY-PRODUCTS OF THE PROCESSING OF VEGETABLE SUBSTANCES	Wheat bran	By-product of flour manufacture, obtained from screened husked grains of wheat or spelt. It consists principally of fragments of the outer skins, and of particles of grain from which the greater part of the endosperm has been removed	Fibre	Ash Moisture

Group 1	*Name of Feeding stuff* 2	*Meaning* 3	*Compulsory declarations* 4	*Optional declarations* 5
	Wheat feed	By-product of flour manufacture, obtained from screened husked grains of wheat or spelt. It consists principally of fragments of the outer skins and of particles of grain from which less of the endosperm has been removed than in wheat bran	Fibre	Starch Ash Moisture
	Wheat middlings	By-product of flour manufacture, obtained from screened husked wheat or spelt. It consists principally of particles of endosperm with fine fragments of the outer skins and some grain waste	Fibre	Starch Ash Moisture
	Wheat germ	By-product of milling consisting essentially of wheat germ, rolled or otherwise, to which fragments of endosperm and outer skin still adhere	Fibre	Protein Oil Ash Moisture
	Rye bran	By-product of flour manufacture, obtained from screened rye *Secale cereale L.* It consists principally of fragments of the outer skins, and of particles of grain from which most of the endosperm has been removed	Fibre	Ash Moisture
	Wheat meal	The meal obtained by grinding commercially pure wheat, as grown	Fibre	Ash Moisture
	Rye feed	By-product of flour manufacture, obtained from screened rye. It consists principally of fragments of the outer skins, and of particles of grain from which less of the endosperm has been removed than in rye bran	Fibre	Starch Ash Moisture
	Rye screenings (rye meal)	By-product of flour manufacture, obtained from screened rye. It consists principally of particles of endosperm, with fine fragments of the outer skins and some grain waste	Fibre	Starch Ash Moisture

Group 1	*Name of Feeding stuff* 2	*Meaning* 3	*Compulsory declarations* 4	*Optional declarations* 5
	Husked oat sharps (middlings)	By-product, rich in starch, obtained during the processing of screened, husked, oats *Avena sativa L.* and other cultivated species of oats into oat groats or sifted oatmeal	Fibre Starch	Ash Moisture
	Oatfeed	The by-product of oatmeal milling consisting of hulls, floury materials, mealy matter and screen dust, all finely ground, and containing not more than 27% of fibre	Fibre	Starch Ash Moisture
	Ground oats	The meal obtained by grinding commercially pure oats, as grown	Fibre	Ash Moisture
	Flaked barley	Product obtained by steaming and rolling husked barley *Hordeum vulgare L.*	Fibre	Starch Moisture
	Barley feed	By-product of the processing of screened and husked barley into pearl barley or semolina or sifted barley meal	Fibre Starch	Ash Moisture
	Flaked maize	Product obtained by steaming and rolling maize	Fibre	Starch Moisture
	Pea middlings (pea forage meal)	By-product obtained during manufacture of pea-meal *Pisum sativum L.* It consists principally of particles of endosperm, and to a lesser extent, of skins	Protein Fibre	Oil Ash Moisture
	Pea meal	The meal obtained by grinding commercially pure peas, as grown, of varieties *Pisum sativum* or *Pisum arvense*	Protein Fibre	Ash Moisture
	Flaked potatoes	Product obtained by drying potatoes, *Solanum tuboresum L.*, whether or not peeled, which have been steamed or boiled and crushed	Fibre	Starch Moisture

Group 1	*Name of Feeding stuff* 2	*Meaning* 3	*Compulsory declarations* 4	*Optional declarations* 5
	Barley meal	The meal obtained by grinding barley, as grown, which shall be the whole grain together with only such other substances as may reasonably be expected to have become associated with the grain in the field and which contains not less than 96% pure barley	Fibre	Ash Moisture
	Bean meal	The meal obtained by grinding commercially pure beans of the species (1) *Vicia faba* or any of its varieties, commonly known as "horse bean", "field bean" or "broad bean" or (2) *Phaseolus vulgaris*, the "true haricot bean" or any of its varieties, white or coloured	Protein Fibre	Ash Moisture
	Maize feed meal	By-product of the manufacture of flour or semolina from maize	Starch	Fibre Ash Moisture Protein Oil
	Maize meal; Indian meal	The meal obtained by grinding commercially pure maize or Indian corn, as grown	Fibre	Ash Moisture
	Maize bran	By-product of the manufacture of flour or semolina from maize. It consists principally of outer skins and maize germ, with some endosperm particles	Fibre	Ash Moisture Oil Protein
	Maize germ and bran	By-product of the manufacture of maize flour, maize semolina or of maize starch consisting of non-extracted germ, maize bran and some fragments of endosperm	Oil Protein	Moisture Fibre Ash Starch
	Dari meal; durra meal	The meal obtained by grinding commercially pure dari or durra seed	Fibre	Ash Moisture

Group 1	*Name of Feeding stuff* 2	*Meaning* 3	*Compulsory declarations* 4	*Optional declarations* 5
	Ground fodder rice	Product obtained by grinding fodder rice consisting either of green, chalky or unripe grains, sifted out during the milling of husked rice, or of normal husked grains which are yellow or spotted	Starch	Fibre Ash Moisture Oil Protein
	Broken rice	By-product of the preparation of polished or glazed rice. It consists principally of undersized or broken grains	Starch	
	Rice bran (brown)	By-product of the first polishing of husked rice. It consists of silvery skins, particles of the aleurone layer, endosperm and germ	Protein Fibre Oil	Moisture Ash Ash insoluble in HCl
	Rice bran (white)	By-product of the second polishing of husked rice. It consists principally of particles of endosperm, of the aleurone layer and of germ	Protein Fibre Oil	Moisture Ash Ash insoluble in HCl
	Maize starch	Virtually pure maize starch	Starch	Moisture Ash
	Puffed maize starch	Virtually pure maize starch, greatly expanded by appropriate heat treatment	Starch	Moisture Ash
	Pre-gelatinized partially hydrolyzed maize starch	Virtually pure maize starch, largely pre-gelatinized and partially hydrolyzed	Starch Reducing sugars, expressed as glucose	Moisture Ash

Group 1	*Name of Feeding stuff* 2	*Meaning* 3	*Compulsory declarations* 4	*Optional declarations* 5
	Maize gluten	Dried by-product of the manufacture of maize starch. It consists principally of gluten obtained during the separation of the starch	Protein	Moisture Fibre Ash Oil Xanthophyll
	Maize gluten feed	Dried by-product of the manufacture of maize starch. It is composed of bran and of a smaller quantity of gluten. Dried residues of the steeping liquors, and germ, from which the oil has been removed may be added	Protein	Moisture Fibre Ash Oil
	Rice starch	Virtually pure rice starch	Starch	Moisture Ash
	Puffed rice starch	Virtually pure rice starch, greatly expanded by appropriate heat treatment	Starch	Moisture Ash
	Rice gluten	Dried by-product of the manufacture of rice starch consisting mainly of gluten	Protein	Moisture Fibre Ash Oil
	Sorghum gluten feed	Dried by-product of the manufacture of sorghum starch *Sorghum bicolor (L.) Moench s.l.* It consists of bran and a smaller quantity of gluten. Dried residues of the steeping liquors and the germ may be added	Protein	Moisture Fibre Ash Oil
	Wheat starch	Virtually pure wheat starch	Starch	Moisture Ash
	Puffed wheat starch	Virtually pure wheat starch greatly expanded by appropriate heat treatment	Starch	Moisture Ash

Group 1	*Name of Feeding stuff* 2	*Meaning* 3	*Compulsory declarations* 4	*Optional declarations* 5
	Pre-gelatinized, partially hydrolyzed wheat starch	Virtually pure wheat starch, largely pre-gelatinized and partially hydrolyzed	Starch Reducing sugars, expressed as glucose	Moisture Ash
	Wheat gluten	Dried by-product of the manufacture of wheat starch. It consists principally of gluten obtained during the separation of starch	Protein	Moisture Ash
	Manioc starch	Virtually pure starch obtained from manioc roots *Manihot esculenta Crantz*	Starch	Moisture Ash
	Puffed manioc starch	Starch obtained from manioc roots, greatly expanded by appropriate heat treatment	Starch	Moisture Ash
	Potato starch	Virtually pure potato starch	Starch	Moisture Ash
	Pre-gelatinized potato starch	Virtually pure potato starch, greatly expanded by appropriate heat treatment	Starch	Moisture Ash
	Pre-gelatinized partially hydrolyzed potato starch	Virtually pure potato starch, greatly expanded and partially hydrolyzed	Starch Reducing sugars, expressed as glucose	Moisture Ash
	Potato protein	Dried by-product of starch manufacture composed mainly of protein substances obtained by the separation of starch	Protein	Moisture Ash Oil Fibre

Group 1	*Name of Feeding stuff* 2	*Meaning* 3	*Compulsory declarations* 4	*Optional declarations* 5
	Dried potato pulp	Dried by-product of the manufacture of potato starch	Starch	Moisture Ash Oil Fibre
	Dextrose (glucose)	Product of the saccharification of starch, consisting of purified, crystallized glucose (with or without water of crystallization)	Glucose	Moisture
	Dextrose molasses	By-product obtained during the crystallization of dextrose	Reducing sugars, expressed as glucose	Moisture Ash
	Sugar (sucrose)	Beet or cane sugar in solid form	Sucrose	Ash
	Dried sugar-beet slices	Product obtained by drying slices of washed sugar-beet *Beta vulgaris L., ssp. vulgaris var. altissima Doell*	Total sugar, expressed as sucrose	Moisture Ash
	Dried partially extracted sugar-beet slices	Product obtained by drying washed partially extracted sugar-beet slices	Total sugar, expressed as sucrose	Moisture Ash
	Dried plain sugar-beet pulp	By-product of the manufacture of sugar, consisting of pulped and dried sugar-beet slices		Fibre
	Sugar-beet molasses	By-product consisting of the syrupy residue collected during the manufacture or refining of beet-sugar	Total sugar, expressed as sucrose	
	Sugar-cane molasses	By-product consisting of the syrupy residue collected during the manufacture or refining of sugar from sugar cane *Saccharum officinarum L.*	Total sugar, expressed as sucrose	

Group 1	*Name of Feeding stuff* 2	*Meaning* 3	*Compulsory declarations* 4	*Optional declarations* 5
	Barley malt culms	By-product of malting consisting of dried rootlets and shoots of germinated barley	Protein	Moisture Ash Fibre
	Dried yeasts	Yeasts, whether or not mixed, belonging to the families *Saccharomycetaceae, Endomycetacae* and *Cryptococcaceae*, cultivated on the following substrates: beet or core juice or molasses, distillers' or yeast-makers' wash, lactoserum, cereals and products derived from their processing, solutions from the hydrolysis of fibrous material, the cells of which have been killed by drying	Protein	Moisture Ash Ash insoluble in HC1
	Dried brewers' grains	By-product of brewing obtained by drying residues of malted and unmalted cereals and other starchy matter	Protein	Moisture Fibre
	Dried distillers' grains	By-product of distilling obtained by drying residues of fermented cereals or other starchy matter	Protein	Moisture Fibre
	Dehydrated citrus pulp	By-product obtained during the manufacture of citrus juice		Moisture Fibre
ARTIFICIALLY DRIED AGRICULTURAL PRODUCTS	Grass meal	Product obtained by artificially drying young forage plants, the enzymes which activate oxidation being rendered virtually inactive by the drying	Protein	Moisture Ash Ash insoluble in HC1 Fibre Carotene Oil

Group 1	*Name of Feeding stuff* 2	*Meaning* 3	*Compulsory declarations* 4	*Optional declarations* 5
	Lucerne meal	Product obtained by artificially drying lucerne *Medicago sativa L.* and *Medicago varia Martyn*, the enzymes which activate oxidation being rendered virtually inactive by the drying. This product may contain approximately 20% of grass or clover artificially dried at the same time as the lucerne	Protein	Moisture Ash Ash insoluble in HC1 Fibre Carotene Oil
	Clover meal	Product obtained by artificially drying young clover *Trifolium spp.*, the enzymes which activate oxidation being rendered virtually inactive by the drying. This product may contain approximately 20% of grass or lucerne artificially dried at the same time as the clover	Protein	Moisture Ash Ash insoluble in HC1 Fibre Carotene Oil
	Dried tops and leaves of sugar-beet	Product obtained by artificially drying tops and leaves of sugar-beet, washed, whether or not chopped		Protein Total sugar, expressed as sucrose Moisture Ash insoluble in HC1 Fibre
	Jerusalem artichoke chips or Jerusalem artichoke meal	Product obtained by crushing or grinding dried, cleaned tubers of Jerusalem artichokes *Helianthus tuberosus L.*	Inulin	Moisture Ash Fibre Oil Protein

Group 1	*Name of Feeding stuff* 2	*Meaning* 3	*Compulsory declarations* 4	*Optional declarations* 5
	Sweet potato chips or sweet potato meal	Product obtained by crushing or grinding dried, cleaned tubers of sweet potato *Ipomoea batatas (L.) Poir.*	Starch	Moisture Ash Fibre Oil Protein
	Manioc meal or Manioc flakes or Manioc roots	Dried and, if necessary, washed and peeled manioc roots; also products obtained by crushing and grinding	Starch	Moisture Ash Fibre Oil Protein
	Dried manioc pulp	Waste from the manufacture of manioc starch, which has been dried and ground	Starch	Moisture Ash Fibre Oil Protein
OTHER PRODUCTS OF VEGETABLE ORIGIN	Crushed locust beans	Product obtained by crushing the dried, stoned fruit of the carob tree *Ceratonia siliqua L.*		Total sugar, expressed as sucrose Moisture Ash
	Vegetable fat or vegetable oil	Product composed of fat or oil of vegetable origin		Moisture Acid index Matter insoluble in light petroleum

Group 1	*Name of Feeding stuff* 2	*Meaning* 3	*Compulsory declarations* 4	*Optional declarations* 5
PRODUCTS OF ANIMAL ORIGIN	'Spray' skimmed-milk powder, 'hatmaker' or 'roller' skimmed-milk powder	Product obtained by drying skimmed-milk either by vaporization in a current of hot air ('spray' skimmed-milk powder) or by drying over cylinders ('hatmaker' or 'roller' skimmed-milk)	Protein	Moisture Lactose Oil Ash
	Powdered buttermilk	Product obtained by drying buttermilk, either by vaporization in a current of hot air ('spray' powdered buttermilk) or by drying over cylinders ('hatmaker' or 'roller' powdered buttermilk)	Protein Oil Lactose	Moisture Ash
	Powdered whey or whey crumbs	Products obtained by drying whey	Protein Lactose	Moisture Oil Chlorides, expressed as NaCl Ash Sodium
	Low-sugar powdered whey	Product obtained by drying whey from which the lactose has been partly extracted	Protein Lactose	Moisture Chlorides, expressed as NaCl Ash Oil Sodium
	Powdered whey protein Powdered milk albumin	Products obtained by drying the protein compounds extracted from whey or milk by chemical or physical treatment	Protein	Moisture Ash Oil
	Blood meal	Product obtained by drying the blood of slaughtered animals and poultry. This product should be substantially free of foreign matter	Protein	Moisture Ash

Group 1	*Name of Feeding stuff* 2	*Meaning* 3	*Compulsory declarations* 4	*Optional declarations* 5
	Meat and bone meal	Product obtained by drying and grinding meat pieces containing a high proportion of bone from warm-blooded land animals. The product should be substantially free of hair, bristle, feathers, horn, hoof, skin and blood and of the contents of the stomach and viscera	Protein Oil	Moisture Chlorides, expressed as NaCl Phosphorus Ash Methionine Lysine Volatile nitrogenous bases
	Bone meal	Product obtained by drying and grinding bone, with the fat largely removed, from warm-blooded land animals. The product should be substantially free of hair, bristle, feathers, horn, hoof, skin and blood and of the contents of the stomach and viscera. It should also be free of splinters, and may not contain bone fragments with rough surfaces or jagged edges	Protein	Moisture Ash Phosphorus Oil
	Feeding bone flour	Commercially pure bone degreased and ground or crushed from which the nitrogen has been partly or wholly removed by steam	Protein Phosphorus	
	Meat meal (Products with a fat content of more than 11% should be described as "rich in fat")	Product obtained by drying and grinding carcases and parts of carcases of warm-blooded land animals if need be, with the fat removed by a process of extraction. It should be virtually free of hair, bristle, feathers, horn, hoof and skin and of the contents of the stomach and viscera	Protein Oil	Moisture Phosphorus Chlorides, expressed as NaCl Ash insoluble in HCl Methionine Lysine Volatile nitrogenous bases

Group 1	*Name of Feeding stuff* 2	*Meaning* 3	*Compulsory declarations* 4	*Optional declarations* 5
	Greaves	Product derived from residues of the manufacture of tallow and other fats of animal origin	Protein	Moisture Chlorides, expressed as NaCl Oil Ash
	Poultry waste	The waste from intensive poultry units which consists principally of excreta with or without litter and which has been suitably treated for use as a feeding stuff	Protein Protein equivalent of uric acid if 1% or greater Fibre Calcium if present in excess of 2%	
	Dried waste from poultry slaughter (Products with a fat content of more than 12% should be described as "rich in fat")	Product obtained by drying and grinding waste from slaughtered poultry; it should be substantially free of feathers	Protein	Moisture Chlorides, expressed as NaCl Oil Ash
	Hydrolyzed feather meal	Product obtained by hydrolyzing, drying and grinding poultry feathers	Protein	Moisture Ash insoluble in HCl
	Animal fat	Product composed of fat processed from warm-blooded land animals or from parts thereof		Moisture Acid index Matter insoluble in light petroleum

Group 1	*Name of Feeding stuff* 2	*Meaning* 3	*Compulsory declarations* 4	*Optional declarations* 5
	Fish meal (Products whose chloride content expressed as NaCl is less than 2% may be referred to as "low in salt")	Product obtained by drying and grinding whole fish, or parts thereof, of various species. Concentrated press liquid may be added	Protein Oil	Moisture Chlorides, expressed as NaCl Calcium carbonate Phosphorus
	Cod liver oil	Oil obtained from fresh livers of fish of the cod family (Gadidae)	Vitamin A	Moisture Acid index Matter insoluble in light petroleum
MINERAL SUBSTANCES	Calcium carbonate (The nature of the product (column 3) should be indicated in the name)	Precipitated calcium carbonate, ground limestone, prepared chalk, granulated chalk, ground oyster or mussel shells	Calcium Ash insoluble in HCl	
	Calcium and magnesium carbonate	Natural mixture of calcium carbonate and magnesium carbonate	Calcium Magnesium	
	Calcareous marine algae (Maerl)	Product of natural origin obtained from calcareous algae, ground or granulated	Calcium Ash insoluble in HCl	
	Magnesium oxide	Technically pure magnesium oxide MgO	Magnesium	
	Kieserite	Natural magnesium sulphate $MgSO_4H_2O$	Magnesium	

Group 1	*Name of Feeding stuff* 2	*Meaning* 3	*Compulsory declarations* 4	*Optional declarations* 5
	Dicalcium phosphate (The manufacturing process may be indicated in the name)	Technically pure dicalcium phosphate	Phosphorus Chlorides, expressed as NaCl	
	Defluorinated natural phosphate	Product obtained by grinding natural phosphates, purified and defluorinated to a greater or lesser degree	Phosphorus	Calcium
	De-gelatinized bone meal	De-gelatinized, sterilized, ground bones from which the fat has been removed	Phosphorus	Moisture Calcium
	Monocalcium phosphate	Technically pure monocalcium phosphate	Phosphorus	Calcium

SCHEDULE 3 Regulation 10

Limits of variation

PART A — COMPOUND FEEDING STUFFS AND COMPOUND PET FOODS EXCEPT THOSE FOR DOGS OR CATS

Analytical constituents	*Limits of variation (absolute value in percentage by weight, except where otherwise specified)*
Ash	If present in excess— 2 for declarations of 10% or more 20% of the amount stated for declarations of 5% or more but less than 10% 1 for declarations less than 5% In case of deficiency— 3 for declarations of 10% or more 30% of the amount stated for declarations of 5% or more but less than 10% 1.5 for declarations less than 5%
Calcium	If present in excess— 3.6 for declarations of 16% or more 22.5% of the amount stated for declarations of 12% or more but less than 16% 2.7 for declarations of 6% or more but less than 12% 45% of the amount stated for declarations of 1% or more but less than 6% 0.45 for declarations less than 1% In case of deficiency— 1.2 for declarations of 16% or more 7.5% of the amount stated for declarations of 12% or more but less than 16% 0.9 for declarations of 6% or more but less than 12% 15% of the amount stated for declarations of 1% or more but less than 6% 0.15 for declarations less than 1%
Cystine	In case of deficiency— 20% of the amount stated
Fibre	If present in excess— 1.8 for all declarations In case of deficiency— 45% of the amount stated
Lysine	In case of deficiency— 15% of the amount stated
Magnesium	If present in excess— 4.5 for declarations of 15% or more 30% of the amount stated for declarations of 7.5% or more but less than 15%

Analytical constituents	*Limits of variation (absolute value in percentage by weight, except where otherwise specified)*
	2.25 for declarations of 5% or more but less than 7.5%
	45% of the amount stated for declarations of 0.7% or more but less than 5%
	0.3 for declarations less than 0.7%
	In case of deficiency—
	1.5 for declarations of 15% or more
	10% of the amount stated for declarations of 7.5% or more but less than 15%
	0.75 for declarations of 5% or more but less than 7.5%
	15% of the amount stated for declarations of 0.7% or more but less than 5%
	0.1 for declarations less than 0.7%
Methionine	In case of deficiency—
	15% of the amount stated
Moisture	If present in excess—
	1 for declarations of 10% or more
	10% of the amount stated for declarations of 5% or more but less than 10%
	0.5 for declarations less than 5%
Oil	If present in excess—
	3 for declarations of 15% or more
	20% of the amount stated for declarations of 8% or more but less than 15%
	1.6 for declarations less than 8%
	In case of deficiency—
	1.5 for declarations of 15% or more
	10% of the amount stated for declarations of 8% or more but less than 15%
	0.8 for declarations less than 8%
Phosphorus	If present in excess—
	3.6 for declarations of 16% or more
	22.5% of the amount stated for declarations of 12% or more but less than 16%
	2.7 for declarations of 6% or more but less than 12%
	45% of the amount stated for declarations of 1% or more but less than 6%
	0.45 for declarations less than 1%
	In case of deficiency—
	1.2 for declarations of 16% or more
	7.5% of the amount stated for declarations of 12% or more but less than 16%
	0.9 for declarations of 6% or more but less than 12%
	15% of the amount stated for declarations of 1% or more but less than 6%
	0.15 for declarations less than 1%

Analytical constituents	*Limits of variation (absolute value in percentage by weight, except where otherwise specified)*
Protein	If present in excess— 4 for declarations of 20% or more 20% of the amount stated for declarations of 10% or more but less than 20% 2 for declarations less than 10% In case of deficiency— 3 for declarations of 30% or more 10% of the amount stated for declarations of 10% or more but less than 30% 1 for declarations less than 10%
Protein equivalent of biuret	± 1.25, or ± 20% of the amount stated, whichever is the greater
Protein equivalent of isobutylidene-diurea	±1.25, or ± 20% of the amount stated, whichever is the greater
Protein equivalent of urea	±1.25, or ±20% of the amount stated, whichever is the greater
Protein equivalent of urea phosphate	± 1.25, or ± 20% of the amount stated, whichever is the greater
Protein equivalent of uric acid	If present in excess— 1.25, or 25% of the amount stated, whichever is the greater
Sodium	If present in excess— 4.5 for declarations of 15% or more 30% of the amount stated for declarations of 7.5% or more but less than 15% 2.25 for declarations of 5% or more but less than 7.5% 45% of the amount stated for declarations of 0.7% or morebut less than 5% 0.3 for declarations less than 0.7% In case of deficiency— 1.5 for declarations of 15% or more 10% of the amount stated for declarations of 7.5% or more but less than 15% 0.75 for declarations of 5% or more but less than 7.5% 15% of the amount stated for declarations of 0.7% or more but less than 5% 0.1 for declarations less than 0.7%
Protein soluble in pepsin and hydrochloric acid	In case of deficiency— 3 for declarations of 25% or more 12% of the amount stated for declarations of 15% or more but less than 25% 1.8 for declarations less than 15%

Analytical constituents	*Limits of variation (absolute value in percentage by weight, except where otherwise specified)*
Starch	If present in excess—
	5 for declarations of 25% or more
	20% of the amount stated for declarations of 10% or more but less than 25%
	2 for declarations less than 10%
	In case of deficiency—
	2.5 for declarations of 25% or more
	10% of the amount stated for declarations of 10% or more but less than 25%
	1 for declarations less than 10%
Total sugar expressed as sucrose	If present in excess—
	4 for declarations of 20% or more
	20% of the amount stated for declarations of 10% or more but less than 20%
	2 for declarations less than 10%
	In case of deficiency—
	2 for declarations of 20% or more
	10% of the amount stated for declarations of 10% or more but less than 20%
	1 for declarations less than 10%

PART B — COMPOUND PET FOODS FOR DOGS OR CATS

Analytical constituents	*Limits of variations (absolute value in percentage by weight, except where otherwise specified)*
Ash	If present in excess—
	1.5 for all declarations
	In case of deficiency—
	4.5 for all declarations
Calcium	If present in excess—
	3.6 for declarations of 16% or more
	22.5% of the amount stated for declarations of 12% or more but less than 16%
	2.7 for declarations of 6% or more but less than 12%
	45% of the amount stated for declarations of 1% or more but less than 6%
	0.45 for declarations less than 1%
	In case of deficiency—
	1.2 for declarations of 16% or more
	7.5% of the amount stated for declarations of 12% or more but less than 16%
	0.9 for declarations of 6% or more but less than 12%
	15% of the amount stated for declarations of 1% or more but less than 6%
	0.15 for declarations less than 1%

Analytical constituents	*Limits of variation (absolute value in percentage by weight, except where otherwise specified)*
Fibre	If present in excess—
	1 for all declarations
	In case of deficiency—
	3 for all declarations
Moisture	If present in excess—
	3 for declarations of 40% or more
	7.5% of the amount stated for declarations of 20% or more but less than 40%
	1.5 for declarations less than 20%
Oil	If present in excess—
	5 for all declarations
	In case of deficiency—
	2.5 for all declarations
Phosphorus	If present in excess—
	3.6 for declarations of 16% or more
	22.5% of the amount stated for declarations of 12% or more but less than 16%
	2.7 for declarations of 6% or more but less than 12%
	45% of the amount stated for declarations of 1% or more but less than 6%
	0.45 for declarations less than 1%
	In case of deficiency—
	1.2 for declarations of 16% or more
	7.5% of the amount stated for declarations of 12% or more but less than 16%
	0.9 for declarations of 6% or more but less than 12%
	15% of the amount stated for declarations of 1% or more but less than 6%
	0.15 for declarations less than 1%
Protein	If present in excess—
	6.4 for declarations of 20% or more
	32% of the amount stated for declarations of 12.5% or more but less than 20%
	4 for declarations less than 12.5%
	In case of deficiency—
	3.2 for declarations of 20% or more
	16% of the amount stated for declarations of 12.5% or more but less than 20%
	2 for declarations less than 12.5%
Sodium	If present in excess—
	4.5 for declarations of 15% or more
	30% of the amount stated for declarations of 7.5% or more but less than 15%

Analytical constituents	*Limits of variation (absolute value in percentage by weight, except where otherwise specified)*
	2.25 for declarations of 5% or more but less than 7.5%
	45% of the amount stated for declarations of 0.7% or more but less than 5%
	0.3 for declarations less than 0.7%
	In case of deficiency—
	1.5 for declarations of 15% or more
	10% of the amount stated for declarations of 7.5% or more but less than 15%
	0.75 for declarations of 5% or more but less than 7.5%
	15% of the amount stated for declarations of 0.7% or more but less than 5%
	0.1 for declarations less than 0.7%

PART C — OTHER FEEDING STUFFS NOT COVERED BY PARTS A OR B

Analytical constituents	*Limits of variation (absolute value in percentage by weight, except where otherwise specified)*
Acid index	If present in excess—
	1.5 for declarations of 15 or more
	10% of the amount stated for declarations of 2 or more but less than 15
	0.2 for declarations less than 2
Ash	If present in excess—
	3 for declarations of 10% or more
	30% of the amount stated for declarations of 5% or more but less than 10%
	1.5 for declarations less than 5%
Ash insoluble in hydrochloric acid	If present in excess—
	10% of the amount stated for declarations above 3%
	0.3 for declarations up to and including 3%
Calcium	In case of deficiency—
	1.5 for declarations of 15% or more
	10% of the amount stated for declarations of 2% or more but less than 15%
	0.2 for declarations less than 2%
Calcium carbonate	If present in excess—
	1.5 for declarations of 15% or more
	10% of the amount stated for declarations of 2% or more but less than 15%
	0.2 for declarations less than 2%
Carotene	In case of deficiency—
	30% of the amount stated

Analytical constituents	*Limits of variation (absolute value in percentage by weight, except where otherwise specified)*
Chlorides expressed as NaCl	If present in excess— 10% of the amount stated for declarations above 3% 0.3 for declarations up to and including 3%
Fibre	If present in excess— 2.1 for declarations of 14% or more 15% of the amount stated for declarations of 6% or more but less than 14% 0.9 for declarations less than 6%
Inulin	In case of deficiency— 3 for declarations of 30% or more 10% or the amount stated for declarations of 10% or more but less than 30% 1 for declarations less than 10%
Lysine	In case of deficiency— 20% of the amount stated
Magnesium	In case of deficiency— 1.5 for declarations of 15% or more 10% of the amount stated for declarations of 2% or more but less than 15% 0.2 for declarations less than 2%
Matter insoluble in light petroleum	If present in excess— 1.5 for declarations of 15% or more 10% of the amount stated for declarations of 2% or more but less than 15% 0.2 for declarations less than 2%
Methionine	In case of deficiency— 20% of the amount stated
Moisture	If present in excess— 1 for declarations of 10% or more 10% of the amount stated for declarations of 5% or more but less than 10% 0.5 for declarations less than 5%
Oil	If present in excess— 3.6 for declarations of 15% or more 24% of the amount stated for declarations of 5% or more but less than 15% 1.2 for declarations less than 5% In case of deficiency— 1.8 for declarations of 15% or more 12% of the amount stated for declarations of 5% or more but less than 15% 0.6 for declarations less than 5%

Analytical constituents	*Limits of variation (absolute value in percentage by weight, except where otherwise specified)*
Phosphorus	In case of deficiency— 1.5 for declarations of 15% or more 10% of the amount stated for declarations of 2% or more but less than 15% 0.2 for declarations less than 2%
Protein	In case of deficiency— 2 for declarations of 20% or more 10% of the amount stated for declarations of 10% or more but less than 20% 1 for declarations less than 10%
Protein equivalent of uric acid	If present in excess— 1.25, or 25% of the amount stated, whichever is the greater
Sodium	If present in excess— 4.5 for declarations of 15% or more 30% of the amount stated for declarations of 2% or more but less than 15% 0.6 for declarations less than 2%
Starch	In case of deficiency— 3 for declarations of 30% or more 10% of the amount stated for declarations of 10% or more but less than 30% 1 for declarations less than 10%
Sugar (total sugars, reducing sugars, sucrose, lactose, glucose (dextrose))	If present in excess— 4 for declarations of 20% or more 20% of the amount stated for declarations of 5% or more but less than 20% 1 for declarations less than 5% In case of deficiency— 2 for declarations of 20% or more 10% of the amount stated for declarations of 5% or more but less than 20% 0.5 for declarations less than 5%
Volatile nitrogenous bases	If present in excess— 20% of the amount stated
Xanthophyll	In case of deficiency— 30% of the amount stated

PART D — VITAMINS AND TRACE ELEMENTS

Analytical constituents	*Limits of variation*
Cobalt	± 50% of the amount stated
Copper	± 30% of the amount stated for declarations above 200 mg/kg ± 50% of the amount stated for declarations of 50 mg/kg up to and including 200 mg/kg
Iodine	± 50% of the amount stated
Iron	± 30% of the amount stated for declarations of 250 mg/kg or more ± 50% of the amount stated for declarations less than 250 mg/kg
Manganese	± 50% of the amount stated
Molybdenum	± 50% of the amount stated
Selenium	± 50% of the amount stated
Vitamins D_2 and D_3	± 30% of the amount stated for declarations above 4000IU/kg ± 50% of the amount stated for declarations up to and including 4000IU/kg
Vitamins other than D_2 and D_3	In case of deficiency— 30% of the amount stated
Zinc	± 50% of the amount stated

SCHEDULE 4 Regulation 14

Permitted additives and provisions relating to their use and marking

1. In this Schedule "material" means "material intended for use as a feeding stuff", and any reference to a numbered Part is a reference to the Part bearing that number in the Table to this Schedule.

2. No material shall contain any added antioxidant other than an antioxidant of a name or description specified in the first column of Part I, or any antioxidant of a name or description so specified in proportions which, taking account of any such antioxidant which is naturally present, exceeds the maximum content, if any, specified in relation thereto in the second column of the said Part.

3. No material shall contain any colourant other than a colourant of a name or description specified in the first column of Part II, or any colourant of a name or description so specified which, taking account of any such colourant which is naturally present, exceeds the maximum content, if any, specified in relation thereto in the third column of the said Part. No material shall contain any colourant specified in the first column of Part II unless the material is for an animal listed opposite the colourant in question in the second column of the said Part.

4.—(1) No material shall contain any added emulsifier, stabiliser or binder other than an emulsifier, stabiliser or binder of a name or description specified in Chapter A or Chapter B of Part III, or any emulsifier, stabiliser or binder of a name or description specified in Chapter A of Part III unless the material is to be used in accordance with the specifications, if any, laid down in respect of it in the said Chapter A.

(2) No material shall contain any added emulsifier, stabiliser or binder of a name or description specified in the first column of Chapter B of Part III which, taking account of any such emulsifier, stabiliser or binder which is naturally present, exceeds, in respect of animals listed opposite the emulsifier, stabiliser or binder in question in the second column, the maximum content specified in relation thereto in the third column, and no material shall contain an added emulsifier, stabiliser or binder of a name or description specified in the first column of the said Chapter unless the material is for animals listed opposite the emulsifier, stabiliser or binder in question in the second column of the said Chapter.

5. No material shall contain any added vitamin D_2 or vitamin D_3 except that—

(i) any material for any animal of a kind specified in the second column of Chapter A of Part IV may contain vitamin D_2 or D_3 (but not both added vitamin D_2 and vitamin D_3) in proportions which, taking account of any such vitamin which is naturally present, do not exceed the maximum content specified in the third column of the said Chapter in relation to the kinds of animal specified in the second column of the said Chapter;

(ii) any material for any animal of a kind specified in the second column of Chapter B of the said Part IV may contain vitamin D_3 in proportions which, taking account of any vitamin D_3 which is naturally present, do not exceed the maximum content specified in the third column thereof in relation to the kinds of animal specified in the second column of the said Chapter.

6. No material shall contain any added trace element of a description specified in the first column of Part V in proportions which, taking account of any such trace element which is naturally present, exceed the maximum content specified in relation thereto in the second column of the said Part.

7. No material shall contain any added copper (Cu) except that—

(i) any material for pigs may contain copper (whether naturally present or added) in proportions not exceeding 100 milligrams per kilogram in complete feeding stuffs;

(ii) any material for any kind of animal other than pigs or sheep may contain copper (whether naturally present or added) in proportions not exceeding 50 milligrams per kilogram in complete feeding stuffs.

8. No material shall contain any added non-protein nitrogenous compound, except that material for the following kinds of ruminating animals namely, bulls, cows, steers, heifers, calves, sheep or goats may contain the non-protein nitrogenous compounds specified in Part VI.

9.—(1) No material shall contain any added preservative other than a preservative of a name or description specified in Chapter A or Chapter B of Part VII, or any added preservative specified in Chapter A of Part VII unless the material is to be used in accordance with the specifications, if any, laid down in respect of it in the said Chapter.

(2) No material shall contain any added preservative specified in the first column of Chapter B of Part VII which, taking account of any such preservative which is naturally present, exceeds, in respect of animals listed opposite the preservative in question in the second column, the maximum content specified in relation thereto in the third column, and no material shall contain an added preservative specified in the first column of the said Chapter unless the material is for animals listed opposite the preservative in question in the second column of the said Chapter, and is used in accordance with the specifications, if any, laid down in respect of it therein.

10. Material intended for mixing with other materials before use as a feeding stuff and containing any added substance mentioned in Parts I to V or Part VII or added copper, in proportions which, taking account of any such substance or, as the case may be, copper which is naturally present, do not exceed in each case 5 times the maximum content specified in relation to that substance where it appears in the said Parts or in relation to copper in paragraph 7 above, shall be marked in the manner specified in regulation 6 with the following statement: "Feeding Stuffs Regulations. This feeding stuff may only be used for (X) up to a quantity of (Y) grams per kilogram of the complete feeding stuff". The statement shall be completed by inserting at (X) the kind and, if appropriate, the age group of the animal for which the material is intended and at (Y) by inserting such a figure that if the statement is put into effect, the material used as a feeding stuff will comply with the preceding provisions of this Schedule. In this statement there may be substituted for the words "grams per kilogram", the symbol "%", "grams per litre" or "grams per tonne".

11. Material intended for mixing with other materials before use as a feeding stuff, not being material to which paragraph 12 of this Schedule applies, containing an added substance mentioned in Parts I to V and Part VII or added copper, in proportions which, taking account of any such substance or, as the case may be, copper which is naturally present, exceed in each case 5 times the maximum content specified in relation to that substance where it appears in the said Parts or in relation to copper in paragraph 7 above, shall be marked in the manner specified in regulation 6 with the statement required by paragraph 10 above in respect of material to which that paragraph applies, and with a statement to the effect that the material is not for direct feeding to animals and that accurate mixing is essential.

12.—(1) If the nature of the material or the means by which is to be fed to the animal is such that the animal can consume no more of the material than is represented by a proportion of its normal daily consumption of feeding stuffs—

(*a*) any relevant statement of maximum content in paragraph 6 of this Schedule and Parts I, II, III, IV, V and VII of the table below may be read as if the content had been divided by that proportion; and

(*b*) the material shall be marked in the manner specified in regulation 6 with instructions as to the kind and age group of animals for which it is intended.

(2) If material to which sub-paragraph (1) of this paragraph applies is also suitable for mixing with other materials before use as a feeding stuff, sub-paragraph (1)(*b*) above shall not apply to that material, and the material shall be marked in the manner specified in regulation 6 with the statement required by paragraph 10 of this Schedule in respect of material to which that paragraph applies and with a statement to the effect that accurate mixing is essential.

TABLE

PART I

Permitted Antioxidants

Name or Description	*Maximum content (mg/kg in complete feeding stuff)*
L-Ascorbic acid	
Sodium L-ascorbate	
Calcium di (L-ascorbate)	
5, 6-Di-*O*-acetyl-L-ascorbic acid	
6-*O*-Palmitoyl-L-ascorbic acid	
Tocopherol-rich extracts of natural origin	
Synthetic *alpha*-tocopherol	
Synthetic *gamma*-tocopherol	
Synthetic *delta*-tocopherol	
Propyl gallate	100: alone or together
Octyl gallate	
Dodecyl gallate	
Butylated hydroxyanisole (BHA)	150: alone or together
Butylated hydroxytoluene (BHT)	
Ethoxyquin	

PART II

Permitted Colourants

Name or Description	*Kind of animal*	*Maximum content (mg/kg in complete feeding stuff)*
Capsanthin	Poultry	80 alone or together
8′-Apo-*beta*-caroten-8′-al		
Ethyl 8′-apo-*beta*-caroten-8′-oate		
Lutein		
Cryptoxanthin		
Violaxanthin		
Canthaxanthin		
Zeaxanthin		
Citranaxanthin	Laying hens	
Canthaxanthin	Dogs and Cats	
	Trout and Salmon	
All other colourants at present permitted for use in human foods by European Community Directives as implemented by regulations made under the Food and Drugs Act 1955(a)	All animals including pet animals	

(a) 1955 c. 16; section 4 was amended by the European Communities Act 1972 (c. 68), section 4(1) and Schedule 4, paragraph 3(1).

PART III

Permitted Emulsifiers, Stabilisers and Binders

CHAPTER A

Name or description

Lecithins

Alginic acid

Sodium alginate

Potassium alginate

Ammonium alginate — Not permitted in aquarium fish feed

Calcium alginate

Propylene alginate (propane-1,2-diol alginate)

Agar

Carrageenan

Furcellaran

Locust bean gum (carob gum)

Tamarind seed flour

Guar gum (guar flour)

Tragacanth

Acacia (gum arabic)

Xanthan gum

D-glucitol (sorbitol)

Mannitol

Glycerol

Pectins

Microcrystalline cellulose

Methylcellulose

Ethylcellulose

Hydroxypropylcellulose

Hydroxypropylmethylcellulose

Ethylmethylcellulose

Carboxymethylcellulose, sodium salt

Sodium, potassium and calcium salts of edible fatty acids alone or in mixtures, derived either from edible fats or distilled edible fatty acids

Monoacyl and diacylglycerols (mono- and di-glycerides of fatty acids)

Monoacyl and diacylglycerols esterified with the following acids:

(*a*) acetic

(*b*) lactic

(*c*) citric

(*d*) tartaric

(*e*) monoacetyltartaric and diacetyltartaric

Sucrose esters of fatty acids

Mixture of sucrose esters of monoacyl and diacylglycerols (Sucroglycerides)

Polyglycerol esters of fatty acids

Propylene esters of fatty acids (propane-1,2-diol esters of fatty acids)
2-Stearoyl-lactylic acid
Sodium 2-stearoyl-lactylate
Calcium 2-stearoyl-lactylate
Stearoyl tartrate
Glycerol poly (ethylene glycol) ricinoleate
Dextrans
Sorbitan monostearate
Sorbitan tristearate
Sorbitan monolaurate
Sorbitan mono-oleate
Sorbitan monopalmitate
Polyoxyethylene (20) sorbitan monolaurate
Polyoxyethylene (20) sorbitan monopalmitate
Polyoxyethylene (20) sorbitan monostearate
Polyoxyethylene (20) sorbitan tristearate
Polyoxyethylene (20) sorbitan mono-oleate
Polyoxyethylene (8) stearate
Polyoxyethylene (40) stearate
Lignosulphonates
Silica
Silicic acid
Silicates
Kaolin
Bentonite and other montmorillonite clays
Vermiculite
Sodium hexametaphosphate
*di*Sodium dihydrogen ethylenediaminetetra-acetate
Citric acid
Butane-1,3-diol

Name or Description	*Kind of Animal*	*Maximum content (mg/kg in complete feeding stuff)*
*penta*Sodium triphosphate	Dogs, cats	5000
Polyethyleneglycol esters of fatty acids from soya oil	Calves	6000 in milk replacer feeds only
Polyoxyethylated glycerides of tallow fatty acids	Calves	5000 in milk replacer feeds only
Ethers of polyglycerol and of	Calves	5000 in milk replacer feeds only
Propane-1,2-diol	Dairy cows	12000
	Cattle for fattening	36000
	Lambs	
	Kids	
	Swine	
	Poultry	
	Dogs	53000
	Pet animals except dogs	
Poly(ethylene glycol) 6000	All animals	300
Polyoxypropylene — polyoxyethylene polymers (M.W. 6800 - 9000)		50

In this part of this table "milk replacer feed" means a manufactured feed used as a substitute for natural milk.

PART IV

Vitamins D

Vitamin	*Kind of Animal*	*Maximum content (international units per kilogram in complete feeding stuff)*
	CHAPTER A	
	Pigs	2000
	Piglets	10000 in milk replacer feeds only
	Cattle	4000
Vitamin D_2	Calves	10000 in milk replacer feeds only
or	Sheep	4000
	Lambs	10000 in milk replacer feeds only
Vitamin D_3	Horses	4000
	Other kinds except poultry	2000
	CHAPTER B	
Vitamin D_3	Chickens for fattening	5000
	Turkeys	
	Other poultry	3000

In this part of this table "milk replacer feed" means a manufactured feed used as a substitute for natural milk

PART V

Trace Elements

Element	*Maximum content (mg/kg in complete feeding stuff)*
Iron — Fe	1250
Iodine — I	40
Cobalt — Co	10
Manganese — Mn	250
Zinc — Zn	250
Molybdenum — Mo	2.5
Selenium — Se	0.5

PART VI

Non-Protein Nitrogenous Compounds

Substance	*Emphitical Formulae*
Biuret	$C_2H_5N_3O_2$
Isobutylidenediurea	$C_6H_{14}N_4O_2$
Urea	CH_4N_2O
Urea phosphate	$Ch_7N_2O_5P$

PART VII

Permitted Preservatives

CHAPTER A

Name or Description

Sorbic acid
Sodium sorbate
Potassium sorbate
Calcium sorbate
Formic acid
Ammonium formate
Sodium formate
Calcium formate
Acetic acid
Potassium acetate
Sodium diacetate
Calcium acetate
Lactic acid
Sodium lactate
Potassium lactate
Calcium lactate
Propionic acid
Ammonium propionate
Sodium propionate
Calcium propionate
Potassium propionate
Citric acid
Sodium citrates
Potassium citrates
Calcium citrates
Tartaric acid
Sodium tartrates

Potassium tartrates
Potassium sodium tartrate
Orthophosphoric acid
Fumaric acid
DL-Malic acid
Hydrochloric acid, Sulphuric acid } for use in silage only
Formaldehyde

CHAPTER B

Name or Description	*Kind of Animal*	*Maximum content (mg/kg in complete feeding stuff)*
Sodium hydrogensulphite (sodium bisulphite)	Dogs and Cats	500 alone or together expressed as SO_2
*di*Sodium disulphite (sodium metabisulphite)		
Sodium nitrite	Pet animals except birds and aquarium fish	200
Ethyl 4-hydroxybenzoate Ethyl 4-hydroxybenzoate, sodium salt Propyl 4-hydroxybenzoate Propyl 4-hydroxybenzoate, sodium salt Methyl 4-hydroxybenzoate Methyl 4-hydroxybenzoate, sodium salt	Pet animals	

SCHEDULE 5 Regulation 15

Prescribed Limits for Undesirable Substances

Substances	*Feeding stuffs*	*Maximum content in mg/kg of feeding stuffs referred to a moisture content of 12%*
CHAPTER A		
Arsenic	Straight feeding stuffs except:	2
	— meal made from grass, from dried lucerne, or from dried clover	4
	— dried sugar beet pulp or dried molassed sugar beet pulp	4
	— phosphates and feeding stuffs obtained from the processing of fish or other marine animals	10
	Complete feeding stuffs	2
Fluorine	Straight feeding stuffs except:	150
	— feeding stuffs of animal origin	500
	— phosphates	2000
	Complete feeding stuffs except:	150
	— complete feeding stuffs for cattle, sheep and goats	
	— in milk	30
	— other	50
	— complete feeding stuffs for pigs	100
	— complete feeding stuffs for poultry	350
	— complete feeding stuffs for chicks	250
	Mineral mixtures for cattle, sheep and goats	2000
Lead	Straight feeding stuffs except:	10
	— grass meal, lucerne meal or clover meal	40
	— phosphates	30

Substances	*Feeding stuffs*	*Maximum content in mg/kg of feeding stuffs referred to a moisture content of 12%*
	— yeast	5
	Complete feeding stuffs	5
Mercury	Straight feeding stuffs except:	0.1
	— feeding stuffs produced by the processing of fish or other marine animals	0.5
	Complete feeding stuffs except:	0.1
	— pet foods	0.5
Nitrites	Fish meal	60 (expressed as sodium nitrite)
	Complete feeding stuffs except feeding stuffs intended for pets other than birds and aquarium fish	15 (expressed as sodium nitrite)

Substances	*Feeding stuffs*	*Maximum content in mg/kg of the feeding stuff as found*
CHAPTER B		
Aflatoxin B_1	Straight feeding stuffs	0.05
	Complete feeding stuffs for cattle, sheep and goats (except dairy cattle, calves, lambs and kids)	0.05
	Complete feeding stuffs for pigs and poultry (except piglets and chicks)	0.02
	Other complete feeding stuffs	0.01
	Complementary feeding stuffs for dairy cattle	0.02
Castor oil plant— *Ricinus communis* L.	All feeding stuffs	10 expressed in terms of castor oil plant husks)
Crotalaria L. spp	All unmilled materials	100

Substances	*Feeding stuffs*	*Maximum content in mg/kg of the feeding stuff as found*
Free Gossypol	Straight feeding stuffs except:	20
	— cotton cake or meal	1200
	Complete feeding stuffs except:	20
	— complete feeding stuffs for cattle, sheep and goats	500
	— complete feeding stuffs for poultry (except laying hens) and calves	100
	— complete feeding stuffs for rabbits and pigs (except piglets)	60
Hydrocyanic acid	Straight feeding stuffs except:	50
	— linseed	250
	— linseed cake or meal	350
	— manioc products and almond cakes	100
	Complete feeding stuffs except:	50
	— complete feeding stuffs for chicks	10
Rye Ergot *Claviceps purpurea* (Fr.) Tul	All feeding stuffs containing unground cereals	1000
The following seeds and their processing derivatives:—	All feeding stuffs	Less than the lowest level detectable
— Apricot — *Prunus armeniaca* L		
— Bitter almond — *Prunus dulcis* (Mill.) D. A. Webb (= Prunus amygdalus Batsch var. *amara* (DC.) Focke)		
— Black mustard — *Brassica nigra* (L.) Koch		
— Camelina — *Camelina sativa* (L.) Crantz		
— Croton — *Croton tiglium* L.		
— Chinese Yellow mustard — *Brassica juncea* (L.) Czern. and Coss.ssp. *juncea* var. lutea Batalin.		
— Ethiopian mustard — *Brassica carinata* A.Braun		

Substances	*Feeding stuffs*	*Maximum content in mg/kg of the feeding stuff as found*
— Mowrah, bassia, madhuca — *Madhuca longifolia* (L.) Macbr. (=*Bassia longifolia* L. =*Illipe malabarorum* Engl.) Madhuca indica Gmelin (=*Bassia latifolia* Roxb. = *Illipe latifolia* (Roxb.) F. Mueller)		
— Physic nut — *Jatropha curcas* L.		
— Sareptian mustard — *Brassica juncea* (L.) Czern. and Coss.ssp. juncea		
— Unhusked beech mast — *Fagas Sylvatica* L.		
Theobromine	Complete feeding stuffs except:	300
	— complete feeding stuffs for adult cattle	700
Vinylthiooxazolidone	Complete feeding stuffs for poultry except:	1000
	— complete feeding stuffs for laying hens	500
Volatile mustard oil	Straight feeding stuffs except:	100
	— rape cake or meal	4000 (expressed as allyl isothiocyanate)
	Complete feeding stuffs except:	150 (expressed as allyl isothiocyanate)
	— complete feeding stuffs for cattle, sheep and goats, (except calves, lambs and kids)	1000 (expressed as allyl isothiocyanate)
	— complete feeding stuffs for pigs (except piglets) and poultry	500 (expressed as allyl isothiocyanate)
Weed seeds and unground and uncrushed fruit containing alkaloids, glucoside or other toxic substances separately or in combination including:—	All feeding stuffs	3000
(*a*) *Lolium temulentum* L.		1000
(*b*) *Lolium remotum* Schrank		1000
(*c*) *Datura stramonium* L.		1000

EXPLANATORY NOTE

(This note is not part of the Regulations.)

1. These regulations form part of three sets of regulations superseding the feeding stuffs provisions in the Fertilisers and Feeding Stuffs Regulations (Northern Ireland) 1973. The other two instruments concerned are the Agriculture Act 1970 Amendment Regulations 1982, which have already been made, and the Feeding Stuffs (Sampling and Analysis) Regulations (Northern Ireland) 1982 which will come into operation on the same day as these regulations.

2. These regulations—

(*a*) implement the EEC Directives listed in paragraph 3;

(*b*) prescribe matters required to be prescribed for the purposes of Part IV of the Agriculture Act 1970 (the legislation under which fertilisers and feeding stuffs regulations are made, in the rest of this Note called "Part IV of the Act");

(*c*) re-enact and bring up-to-date the feeding stuffs provisions in the 1973 Regulations which are not concerned with sampling and analysis; and

(*d*) add new provisions, required by Directives not previously implemented.

3. The principal Directives implemented are Directive 77/101/EEC on the marketing of straight feeding stuffs (O.J. No. L.32 of 3.2.1977) as amended; Directive 79/373/EEC on the marketing of compound feeding stuffs (O.J. No. L.86/30 of 6.4.1979) as amended; Directive 74/63/EEC on the fixing of maximum permitted levels for undesirable substances and products in feeding stuffs (O.J. No. L.38/31 of 11.2.1974) as amended; and Directive 70/524/EEC concerning additives in feeding stuffs (O.J. No. L.270/1 of 14.12.1970) as amended. Also implemented is Directive 80/511/EEC authorising the marketing of compound feeding stuffs in unsealed containers (O.J. No. L.126/14 of 21.5.1980). Directives 74/63/EEC and 70/524/EEC have already been implemented by the 1973 Regulations, and these regulations continue that implementation.

4. These regulations apply to feeding stuffs for the animals prescribed for the purposes of the definition of feeding stuff in Part IV of the Act by Regulation 3. They also apply to feeding stuffs for pet animals (pet food).

5. The regulations—

(*a*) describe the materials particulars of which must be given if they are sold, or held for sale, as a feeding stuff (Regulation 4);

(*b*) prescribe the particulars which must be included in the statutory statement given, as required by Part IV of the Act, on the sale of a feeding stuff (Regulation 5 and Schedule 1); and

(*c*) prescribe the particulars which alone may (at the seller's option) be included in a statutory statement in addition to the required particulars (also Regulation 5 and Schedule 1).

6. The regulations then provide for—

(*a*) the manner of marking material to be sold as a feeding stuff (Regulation 6);

(*b*) the compulsory listing of all ingredients of a compound feeding stuff in any document given to a purchaser if any ingredient is referred to in the document (Regulation 7);

(*c*) the time within which a statutory statement must be given (Regulation 8);

(*d*) the marking of feeding stuffs in certain cases not with the required particulars, but with a mark the meaning of which can be ascertained by reference to a register kept by the seller (Regulation 9);

(*e*) the permitted limits of variation, for the purpose of section 74 of Part IV of the Act, in mis-statements in statutory statements or marks (Regulation 10 and Schedule 3);

(*f*) the manner of packaging and sealing compound feeding stuffs (Regulation 11); and

(*g*) the meaning of names for the purposes of section 70 of Part IV of the Act (Regulation 12 and Schedule 2).

7. The regulations further provide for the control of the moisture content of compound feeding stuffs containing milk products (Regulation 13). They also control the sale and possession for sale of—

(*a*) feeding stuffs containing added substances (Regulation 14 and Schedule 4);

(*b*) feeding stuffs containing undesirable substances (Regulation 15 and Schedule 5); and

(*c*) feeding stuffs containing Aflatoxin B_1 (Regulation 16).

8. Finally the regulations—

(*a*) repeat minor modifications to Part IV of the Act (Regulations 17(1) (2) and 18);

(*b*) by regulation 17(3) bring further sections within the scope of section 82 of Part IV of the Act (which provides defences of mistake, accident etc.);

(*c*) provide limited exemptions from their application (Regulations 14(2) 15(3) and 19); and

(*d*) provide that the Fertilisers and Feeding Stuffs Regulations (Northern Ireland) 1973 shall cease to apply to feeding stuffs (Regulation 20).

The latter provision has the effect of revoking the 1973 Regulations, as they had already ceased to apply to fertilisers.

9. The main differences between these regulations and those provisions in the Fertilisers and Feeding Stuffs Regulations (Northern Ireland) 1973, as amended, which they supersede are that they for the first time—

(*a*) specify the particulars which (and which alone) are permitted to be included in a statutory statement, in addition to the required particulars;

(*b*) make provision for pet foods;

(*c*) specify ingredients amongst the particulars for inclusion in a statutory statement (see paragraphs 8(*c*) and 14(*a*)(v) of Schedule 1); and

(*d*) provide that if any ingredient of a compound feeding stuff is referred to in a statutory statement, label or other document given to a purchaser all ingredients present must be listed, and listed in the manner laid down.