1986 No. 334

AGRICULTURE

The Feeding Stuffs (No. 2) Regulations (Northern Ireland) 1986

Made	*10th November 1986*
Coming into operation . . .	*10th December 1986*

ARRANGEMENT OF REGULATIONS

SCHEDULES

SCHEDULE 5 Prescribed limits for undesirable substances.

SCHEDULE 6 Categories of ingredients with descriptions for use in relation to compound feeding stuffs for pet animals.

SCHEDULE 7 Control of certain protein sources.

SCHEDULE 8 Control of additives and premixtures.

The Department of Agriculture, being a Department designated by the European Communities (Designation) Order 1972(**a**) for the purposes of section 2(2) of the European Communities Act 1972(**b**) in relation to the common agricultural policy of the European Economic Community, in exercise of the powers conferred on it by that section and sections 66(1), 68(1), (1A) and (3), 69(1) and (3), 70(1), 73(3), 74(1), 74A(**c**), 84 and 86 of the Agriculture Act 1970(**d**) and of every other power enabling it in that behalf, after consultation with such persons or organisations as appear to it to represent the interests concerned, hereby makes the following regulations:—

Title and commencement

1. These regulations may be cited as the Feeding Stuffs (No. 2) Regulations (Northern Ireland) 1986 and shall come into operation on 10th December 1986.

Interpretation

2.—(1) In these regulations—

"additive" means any substance, or preparation containing any substance, other than a premixture, which, when incorporated into a feeding stuff, is likely to affect its characteristics or livestock production;

"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 Sampling and Analysis Regulations;

"complementary feeding stuff" means a mixture of feeding stuffs which has a high content of certain substances and which, by reason of its composition, is sufficient for a daily ration only if 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 a mixture of products of vegetable or animal origin in their natural state, fresh or preserved, or products derived from the industrial processing thereof, or organic or inorganic substances, whether or not containing additives, for oral animal feeding in the form of complete feeding stuffs or complementary feeding stuffs;

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

"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 Sampling and Analysis Regulations;

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

(**a**) S.I. 1972/1811

(**b**) 1972 c. 68; section 2 is subject to Schedule 2 to the Act and is to be read with Article 8 of the Fines and Penalties (Northern Ireland) Order 1984 (S.I. 1984/703 (N.I. 3)) and Article 2 of the Criminal Penalties etc. (Increase) Order (Northern Ireland) 1984. (S.R. 1984 No. 253)

(**c**) Inserted by 1972 c. 68 s. 4(1) and Sch. 4 para. 6

(**d**) 1970 c. 40 as amended by S.I. 1982/980

(**e**) 1968 c. 67

"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 Sampling and Analysis Regulations;

"name" in relation to an additive, means the name used in relation to that additive in the Table in Schedule 4;

"oil" means the extract obtained as a result of treatment of the feeding stuff according to the appropriate procedure described in method 3 of Schedule 2 to the Sampling and Analysis Regulations;

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

"premixture" means a mixture of additives, or a mixture of one or more additives with a substance or substances used as a carrier, intended for the manufacture of feeding stuffs;

"protein" means the matter obtained as a result of treatment of feeding stuff according to the procedure described in method 4 of Schedule 2 to the Sampling and Analysis Regulations;

"protein equivalent of urea biuret, urea phosphate and diureidoisobutane" means the amount of urea, biuret, urea phosphate and diureidoisobutane nitrogen multiplied by 6·25;

"Sampling and Analysis Regulations" means the Feeding Stuffs (Sampling and Analysis) Regulations (Northern Ireland) 1982(**a**);

"straight feeding stuff" means a vegetable or animal product in its natural state, fresh or preserved, and any product derived from the industrial processing thereof, and any single organic or inorganic substance, whether or not it contains any additive, intended as such for oral animal feeding.

(2) 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 Agriculture Act 1970.

(3) The Interpretation Act (Northern Ireland) 1954(**b**) shall apply to these Regulations as it applies to a Measure of the Northern Ireland Assembly.

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, farmed deer, rabbits (other than pet rabbits), mink, partridges, pheasants, poultry, bees and farmed fish are prescribed animals.

Prescribed descriptions of material

4. The description of material prescribed for the purposes of sections 68(1) and 69(1) shall be any material usable as a feeding stuff other than a straight feeding stuff intended for use as a pet food.

(**a**) S.R. 1982 No. 338 as amended by S.R. 1984 No. 26 and S.R. 1985 No. 194
(**b**) 1954 c. 33 (N.I.)

Matters required and permitted to be contained in a statutory statement

5. For the purposes of subsections (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.

Form of statutory statement

6.—(1) In the case of material of a prescribed description delivered in a package or other container the statutory statement shall either—

(*a*) take the form of a label attached to that package or container, or

(*b*) be clearly marked directly thereon;

and in the case of such material delivered in bulk the statutory statement shall take the form of a document relating to each consignment.

(2) The particulars, information and instructions required by section 68(1) and permitted by section 68(1A) to be contained in a statutory statement shall—

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

(*b*) be in English, and

(*c*) be legible and indelible.

(3) For the purposes of section 69 (marking of material prepared for sale), material of a prescribed description which is contained in a package or other container shall be labelled or marked in the manner prescribed in relation to such material in paragraph (1), and such material in bulk shall be marked by the display of a document relating thereto in as close proximity to the material as may be practicable.

Control of particulars concerning the ingredients of compound feeding stuffs

7.—(1) A person shall not—

(*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 required or permitted by regulation 5 to be named in the statutory statement or a substance controlled under regulation 15); 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.

(2) Without prejudice to the provisions of paragraph (1), a person shall not, in any statutory statement relating to a compound feeding stuff intended for use as a pet food—

(*a*) use any description of any category of ingredients other than the appropriate description specified in relation to that category in the first column of Schedule 6, or

(*b*) include in any list of ingredients both a description of a category of ingredients and the name of an individual ingredient, except in the case of an individual ingredient which is not included in any category described and defined in Schedule 6.

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, delivered in bulk, not being a compound feeding stuff, additive or premixture, 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, additive or premixture) 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) 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.

Assigned meanings

10. For the purposes of section 70, the meaning assigned by these regulations to "complementary feeding stuff", "complete feeding stuff", "compound feeding stuff", "mineral feeding stuff" and "molassed feeding stuff" shall be in each case the meaning given to that name or expression by regulation 2(1).

Limits of variation

11. 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, additives and premixtures

12.—(1) Subject to paragraphs (2), (3) and (4) a person shall not sell a compound feeding stuff or any additive or premixture 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).

(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.

(4) Additives and premixtures may be sold in bulk, in unsealed bags or in unsealed containers in the case of deliveries to manufacturers of premixtures or feeding stuffs.

Meanings of names

13. 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

14. A person shall not sell or have in possession with a view to sale a compound feeding stuff which contains more than 40 per cent. of milk products by weight, unless the said feeding stuff contains no more than 7 per cent. of moisture by weight.

Control of added substances contained in feeding stuffs

15.—(1) A person shall not 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 additive, unless the material complies with the relevant provisions of Schedule 4, 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) shall not apply to any substance which is—

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

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

(3) A person shall not use as a feeding stuff or import into Northern Ireland for such use any material containing any added substance, not being 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.

(4) A person shall not sell, or have in possession with a view to sale, for use as a feeding stuff, or import into Northern Ireland for such use, any complementary feeding stuff which, when diluted as specified by the manufacturer for feeding to animals, contains levels of additives which exceed those specified in Schedule 4 in relation to complete feeding stuffs.

Control of feeding stuffs containing undesirable substances

16.—(1) A person shall not 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) A person shall not 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) shall not apply to any substance which is—

(*a*) for use in accordance with a written direction given by a veterinary surgeon or a veterinary practitioner for the treatment of 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

17. A person shall not 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.

Control of certain protein sources

18.—(1) Subject to paragraph (3), a person shall not sell, or have in his possession with a view to sale, for use as a feeding stuff, or as a protein source in a feeding stuff, any material belonging to a product group specified in column 1 of Schedule 7 unless that material—

(*a*) is named as a permitted product in column 2 of that Schedule, and

(*b*) complies with all the specifications and requirements contained in and imposed in relation thereto by columns 3 to 7 of that Schedule.

(2) A person shall not—

(*a*) sell, or have in his possession with a view to sale, for use as a feeding stuff, or

(*b*) use as a feeding stuff

any product obtained from yeasts of the "Candida" variety cultivated on n-alkanes.

(3) Until 1st January 1988, paragraph (1) shall not apply to any product which was lawfully marketed before 1st January 1985.

Control of additives and premixtures

19.—(1) A person shall not sell any additive in a bag or container which is not labelled or marked in accordance with Part I of Schedule 8 and paragraph (3).

(2) A person shall not sell any premixture in a bag or container which is not labelled or marked in accordance with Part II of Schedule 8 and paragraph (3).

(3) Every label or mark required by paragraph (1) or (2) shall conform to the provisions of regulation 6(1) and (2) as if such label or mark were a statutory statement.

(4) If any person sells any additive or premixture in contravention of any provision of this regulation he shall be guilty of an offence and shall be liable on summary conviction to a fine not exceeding £1,000.

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

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

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

"(2) For the purposes of this Act—

(*a*) material 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*) material 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 subsection (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

21.—(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 subsection".

Exemptions

22. These regulations shall not apply to any feeding stuff which is intended for use only for—

(*a*) the experimental investigation or testing of substances controlled under regulation 15, or

(*b*) other purposes of scientific research or experiment,

and which is not generally available for sale, purchase or use as a feeding stuff, and is clearly marked to that effect.

Revocation

23. The Feeding Stuffs Regulations (Northern Ireland) 1986(**a**) are hereby revoked.

Sealed with the Official Seal of the Department of Agriculture for Northern Ireland on 10th November 1986.

(L.S.) *B. R. Cummings*
Assistant Secretary

(a) S.R. 1986 No. 67

SCHEDULE 1 Regulation 5

CONTENTS OF 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 particulars referred to in this Schedule shall be contained in the statutory statement.

(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 trade name of the material;

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

(*f*) 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 in relation to each substance shall also be contained in the statutory statement:

(*a*) magnesium, a statement of the total amount present (whether naturally present or added) 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; except that—

(i) if the material is a compound feeding stuff other than a pet food, the name of the antioxidant, colourant or preservative shall be stated;

(ii) if the material is intended for use as a pet food, and is put up in a bag or container having a net weight of more than 10 kilograms, the words "with antioxidant", "colourant" (or "coloured with"), "preservative" (or "preserved with") shall be used as appropriate, followed by the name of the antioxidant, colourant or preservative;

(iii) if the material is intended for use as a pet food, and is put up in a bag or container having a net weight of not more than 10 kilograms, the particulars may be given as in (ii) above or in the words "contains EEC permitted antioxidant(s), colourant(s) (and) preservative(s)" as appropriate, and a reference number whereby the feeding stuff may be identified. By way of exception, this reference number may appear elsewhere on the package, label or container provided the statutory statement contains a clear indication of the positioning of said reference number. In such case, the manufacturer shall, on request, supply the name(s) of the additive(s) used.

(*c*) vitamin A, D or E, the name of the vitamin and the active substance level (in the case of vitamin A or D) or the alpha-tocopherol level as acetate (in the case of vitamin E) whether naturally present or added together in either case with an indication of the period during which that level will remain present; and

(*d*) copper, the name of the additive and the total level of the element (whether naturally present or added).

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

(*a*) trace elements other than copper, (if the amount present can be determined by the methods specified in Schedule 2 to the Sampling and Analysis Regulations or by some other valid scientific method), the name of the additive and the total level of the element (whether naturally present or added); and

(*b*) vitamins other than vitamins A, D and E, provitamins and substances having a similar chemical effect, (if the amount present can be determined by the methods specified in Schedule 2 to the Sampling and Analysis Regulations or by some other valid scientific

method), the name of the additive, the active substance level (whether naturally present or added) and an indication of the period during which that level will remain present; and

(*c*) any other added substance, its EEC number or its trade name.

(3) Any amount referred to—

(*a*) in sub-paragraph (1)(*a*) shall be expressed as a percentage by weight;

(*b*) in sub-paragraphs (1)(*d*), (2)(*a*) or (2)(*b*) shall be expressed in milligrams per kilogram; and

(*c*) in sub-paragraph (1)(*c*) shall be expressed in million international units per kilogram, international units per kilogram, milligrams per kilogram or micrograms per kilogram, as appropriate.

(4) However, by way of exception to the provisions of sub-paragraph (3)(*b*), any amount referred to in sub-paragraphs (1)(*d*), (2)(*a*) or (2)(*b*) may be expressed as a percentage by weight, unless the amount is less than 0.1% by weight, in which case it shall be expressed in milligrams per kilogram or micrograms per kilogram as appropriate.

(5) The particulars required or permitted by this paragraph to be included in the statutory statement may be accompanied by the trade name or the EEC number of any additive named therein.

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 per cent. 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 any 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*)), 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*)), 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*); and

(*c*) ingredients when not required to be given in accordance with sub-paragraph 12(*a*)(v).

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 total sugar plus starch;

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

(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.

10. In the case of a mineral feeding stuff—

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

(i) amount of calcium;

(ii) amount of phosphorus; and

(iii) 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;

(v) amount of magnesium; and

(vi) amount of ash.

11. In the case of a compound feeding stuff not referred to in paragraphs 9 and 10 nor a compound pet food nor a whole grain mix—

(*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 plus starch;
(v) amount of total sugar expressed as sucrose;
(vi) amount of calcium;
(vii) amount of magnesium;
(viii) amount of sodium;
(ix) amount of phosphorus; and
(x) 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 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.

13. In the case of a compound pet food not referred to in paragraph 12, 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.

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

(*a*) unless the paragraph in question specifies some other method of expression, 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".

15. In the case of a product named as a permitted product in column 2 of Schedule 7, or, as the case may be, of a compound feeding stuff containing such a product for use as a protein source, the statutory statement shall contain, in addition to any other particulars required by these regulations, the name specified for that product in column 7 of that Schedule together with such further particulars as may be specified in that column in relation to it or, as the case may be, in relation to compound feeding stuffs containing it.

SCHEDULE 2 Regulation 13 and Schedule 1

MATERIALS AND THEIR MEANINGS

Group	*Name of feeding stuff*	*Meaning*	*Compulsory declarations*	*Optional declarations*
1	2	3	4	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

SCHEDULE 2 — *continued*

Group	*Name of feeding stuff*	*Meaning*	*Compulsory declarations*	*Optional declarations*
1	2	3	4	5
	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
	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

1	2	3	4	5
	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
	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

SCHEDULE 2 — *continued*

Group	*Name of feeding stuff*	*Meaning*	*Compulsory declarations*	*Optional declarations*
1	2	3	4	5
	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
	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

1	2	3	4	5
	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
	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

SCHEDULE 2 — *continued*

Group	*Name of feeding stuff*	*Meaning*	*Compulsory declarations*	*Optional declarations*
1	2	3	4	5
	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
	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

1	2	3	4	5
	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 of 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
	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

SCHEDULE 2 — *continued*

Group	*Name of feeding stuff*	*Meaning*	*Compulsory declarations*	*Optional declarations*
1	2	3	4	5
	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
	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

1	2	3	4	5
	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 the 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
	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

SCHEDULE 2 — *continued*

Group	*Name of feeding stuff*	*Meaning*	*Compulsory declarations*	*Optional declarations*
1	2	3	4	5
	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

1	2	3	4	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

SCHEDULE 2 — *continued*

Group	*Name of feeding stuff*	*Meaning*	*Compulsory declarations*	*Optional declarations*
1	2	3	4	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

1	2	3	4	5
	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
	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

SCHEDULE 2 — *continued*

Group	*Name of feeding stuff*	*Meaning*	*Compulsory declarations*	*Optional declarations*
1	2	3	4	5
	Potato protein	Dried by-product of starch manufacture composed mainly of protein substances obtained by the separation of starch	Protein	Moisture Ash Oil Fibre
	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

1	2	3	4	5
	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	
	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, Endomycetaceae* 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 HCl
	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, or residues of cereals used in the distilling process	Protein	Moisture Fibre

SCHEDULE 2 — *continued*

Group	*Name of feeding stuff*	*Meaning*	*Compulsory declarations*	*Optional declarations*
1	2	3	4	5
	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 and possibly pre-drying young forage plants, the enzymes which activate oxidation being rendered virtually inactive by the drying	Protein	Moisture Ash Ash insoluble in HCl Fibre Carotene Oil
	Lucerne meal	Product obtained by artificially drying and possibly pre-drying *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 and possibly pre-dried at the same time as the lucerne	Protein	Moisture Ash Ash insoluble in HCl Fibre Carotene Oil
	Clover meal	Product obtained by artificially drying and possibly pre-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 and possibly pre-dried at the same time as the clover	Protein	Moisture Ash Ash insoluble in HCl Fibre Carotene Oil

1	2	3	4	5
	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 HCl 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
	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 manoic 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

SCHEDULE 2 — *continued*

Group	*Name of feeding stuff*	*Meaning*	*Compulsory declarations*	*Optional declarations*
1	2	3	4	5
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
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

1	2	3	4	5
	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
	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. It shall be technically free of organic solvents	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. It shall be technically free of organic solvents	Protein	Moisture Ash Phosphorus Oil

SCHEDULE 2 — *continued*

Group	*Name of feeding stuff*	*Meaning*	*Compulsory declarations*	*Optional declarations*
1	2	3	4	5
	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 an appropriate process. It should be virtually free of hair, bristle, feathers, horn, hoof and skin and of the contents of the stomach and viscera. It shall be technically free of organic solvents	Protein Oil	Moisture Phosphorus Chlorides, expressed as NaCl Ash insoluble in HCl Methionine Lysine Volatile nitrogenous bases
	Greaves	Product derived from residues of the manufacture of tallow and other fats of animal origin. It shall be technically free of organic solvents	Protein	Moisture Chlorides, expressed as NaCl Oil Ash

1	2	3	4	5
	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. It shall be technically free of organic solvents		Moisture Acid index Matter insoluble in light petroleum
	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

SCHEDULE 2 — *continued*

Group	*Name of feeding stuff*	*Meaning*	*Compulsory declarations*	*Optional declarations*
1	2	3	4	5
	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	

1	2	3	4	5
	Kieserite	Natural magnesium sulphate $MgSO_4H_2O$	Magnesium	
	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
	Calcium monohydrogen phosphate (dicalcium phosphate) (The manufacturing process may be indicated in the name)	Technically pure calcium monohydrogen phosphate (dicalcium phosphate)	Phosphorus Chlorides, expressed as NaCl	
	Calcium bis-(dihydrogen phosphate) (monocalcium phosphate)	Product consisting principally of technically pure calcium bis-(dihydrogen phosphate) (monocalcium phosphate)	Phosphorus	Calcium
	Ammonium dihydrogen phosphate (monoammonium phosphate)	Product consisting mainly of technically pure ammonium dihydrogen phosphate	Phosphorus Nitrogen	

SCHEDULE 3 Regulation 11

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

Analytical constituents	*Limits of variation (absolute value in percentage by weight, except where otherwise specified)*
	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 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%

Analytical constituents	*Limits of variation (absolute value in percentage by weight, except where otherwise specified)*
	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— 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 diureidoisobutane	± 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
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 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%

Analytical constituents	*Limits of variation (absolute value in percentage by weight, except where otherwise specified)*
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%
Starch and total sugar plus 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 variation (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%

Analytical constituents	*Limits of variation (absolute value in percentage by weight, except where otherwise specified)*
	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%
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

Analytical constituents	*Limits of variation (absolute value in percentage by weight, except where otherwise specified)*
	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% 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%

Analytical constituents	*Limits of variation (absolute value in percentage by weight, except where otherwise specified)*
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
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% of 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

Analytical constituents	*Limits of variation (absolute value in percentage by weight, except where otherwise specified)*
	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%
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

Analytical constituents	*Limits of variation (absolute value in percentage by weight, except where otherwise specified)*
	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 (absolute value in percentage by weight, except where otherwise specified)*
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 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 15

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 in 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—

(*a*) any colourant other than a colourant named or described in column 1 of Part II, or

(*b*) any colourant named or described in column 1 of Part II unless—

(i) the material is intended for an animal listed opposite the colourant in question in column 2 of the said Part;

(ii) taking into account any such colourant as is naturally present, the maximum content (if any) specified in relation thereto in column 3 of the said Part is not exceeded; and

(iii) the material complies with the conditions (if any) specified in relation thereto in column 4 of the said Part.

4.—(1) No material shall contain any added emulsifier, stabiliser, thickener or gelling agent other than an emulsifier, stabiliser, thickener or gelling agent of a name or description specified in Chapter A or Chapter B of Part III, or any emulsifier or stabiliser 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, thickener or gelling agent of a name or description specified in the first column of Chapter B of Part III which, taking account of any such emulsifier, stabiliser, thickener or gelling agent which is naturally present, exceeds, in respect of animals listed opposite the emulsifier, stabiliser, thickener or gelling agent 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, thickener or gelling agent 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, thickener or gelling agent in question in the second column of the said Chapter.

5. No material shall contain any added binder, anti-caking agent or coagulant other than a binder, anti-caking agent or coagulant of a name or description specified in Part IV.

6. No material shall contain any added vitamin, pro-vitamin or substance having a similar effect except that—

(i) any material for any animal of a kind specified in the second column of Chapter A of Part V 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 V 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; and

(iii) any material for any animal of a kind specified in the second column of Chapter C of the said Part V may contain any vitamin, pro-vitamin or chemically well defined substance having a similar effect in proportions which, taking into account any such

substance which is naturally present, do not exceed the maximum content (if any) specified in the third column thereof in relation to the kinds of animal specified in the second column of the said Chapter.

7. No material shall contain any added trace element other than a trace element from a source described in the second and third columns of Part VI. No material shall contain any trace element from a source so specified, in proportions which, taking account of any such trace element which is naturally present exceed, in respect of animals listed opposite the trace element in question in the fourth column, the maximum content specified in relation thereto in the fifth column of the said Part.

8. No material shall contain any added aromatic or appetising substance other than an aromatic or appetising substance of a name or description specified in the first column of Part VII, or any aromatic or appetising substance specified which, taking account of any such substance 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 aromatic or appetising substance specified in the first column of Part VII unless the material is for an animal listed opposite the substance in question in the second column of the said Part.

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 VIII, or any added preservative specified in Chapter A of Part VIII 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 VIII 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 any 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 VI or Part VIII 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*) such a figure that if the statement is given effect the materials 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 "%", "kilograms per tonne", "grams per litre" or "grams per tonne".

11. Unless otherwise stated, any maximum or minimum specified in the Table for the content of any additive in any feeding stuff is so specified by reference to a complete feeding stuff with a moisture content of 12%.

TABLE

PART I

PERMITTED ANTIOXIDANTS

EEC No.	*Name or Description*	*Chemical formula*	*Maximum content (mg/kg in complete feeding stuff)*
E300	L-Ascorbic acid	$C_6H_8O_6$	
E301	Sodium L-ascorbate	$C_6H_7O_6Na$	
E302	Calcium di (L-ascorbate)	$C_{12}H_{14}O_{12}Ca.2H_2O$	
E303	5,6-Diacetyl-L-ascorbic acid	$C_{10}H_{12}O_8$	
E304	6-Palmitoyl-L-ascorbic acid	$C_{22}H_{38}O_7$	
E306	Tocopherol-rich extracts of natural origin	—	
E307	Synthetic *alpha*-tocopherol	$C_{29}H_{50}O_2$	
E308	Synthetic *gamma*-tocopherol	$C_{28}H_{48}O_2$	
E309	Synthetic *delta*-tocopherol	$C_{27}H_{46}O_2$	
E310	Propyl gallate	$C_{10}H_{12}O_5$	100: alone or together
E311	Octyl gallate	$C_{15}H_{22}O_5$	
E312	Dodecyl gallate	$C_{19}H_{30}O_5$	
E320	Butylated hydroxyanisole (BHA)	$C_{11}H_{16}O_2$	150: alone or together
E321	Butylated hydroxytoluene (BHT)	$C_{15}H_{24}O$	
E324	Ethoxyquin	$C_{14}H_{19}ON$	

PART II

PERMITTED COLOURANTS

EEC No.	*Name or Description*	*Chemical formula*	*Kind of animal*	*Maximum content (mg/kg in complete feeding stuff)*	*Conditions*
E160 c	Capsanthin	$C_{40}H_{56}O_3$	Poultry	80: alone or together	None
E160 e	Beta-apo-8′-carotenal	$C_{30}H_{40}O$			
E160 f	Ethyl ester of beta-apo-8′-carotenoic acid	$C_{32}H_{44}O_2$			
E161 b	Lutein	$C_{40}H_{56}O_2$			
E161 c	Cryptoxanthin	$C_{40}H_{56}O$			
E161 e	Violaxanthin	$C_{40}H_{56}O_4$			
E161 g	Canthaxanthin	$C_{40}H_{52}O_2$			
E161 h	Zeaxanthin	$C_{40}H_{56}O_2$			
E161 i	Citranaxanthin	$C_{33}H_{44}O$	Laying hens		
E161 g	Canthaxanthin	$C_{40}H_{52}O_2$	Dogs and Cats	No limit	
			Trout and Salmon	200	

PART II — *Continued*

EEC No.	*Name or Description*	*Chemical formula*	*Kind of animal*	*Maximum content (mg/kg in complete feeding stuff)*	*Conditions*
E131	Patent Blue V (Calcium salt of the disulphonic acid of m-hydroxy-tetra-ethyldiamino triphenyl-carbinol anhydride)		All species of animals	No limit	Except when intended for dogs or cats, permitted only in products processed from waste products of foodstuffs, denatured cereals or manioc flour and other base substances denatured by means of these agents or coloured during preparation to ensure identification during manufacture
E142	Acid Brilliant Green BS (Sodium salt of 4,4′-bis (dimethylamino) diphenyl-methylene-2.naphthol-3,6-disulphonic acid)				
	All other colourants at present permitted for use in human food by European Community Directives as implemented by regulations made or having effect as if made under the Food Act (Northern Ireland) 1958(**a**)		All species of animal	No limit	Except when intended for dogs or cats, permitted only in products processed from waste products of foodstuffs and other base substances, with the exception of cereals and manioc flour, denatured by means of these agents or coloured during technical preparation to ensure identification during manufacture

(a) 1958 c. 27

PART III

PERMITTED EMULSIFIERS, STABILISERS, THICKENERS AND GELLING AGENTS

CHAPTER A

EEC No.	*Name or description*
E322	Lecithins
E400	Alginic acid
E401	Sodium alginate
E402	Potassium alginate
E403	Ammonium alginate — Not permitted in aquarium fish feed
E404	Calcium alginate
E405	Propylene glycol alginate (propane-1, 2-diol alginate)
E406	Agar
E407	Carrageenan
E408	Furcellaran
E410	Locust bean gum (carob gum)
E411	Tamarind seed flour
E412	Guar gum (guar flour)
E413	Tragacanth
E414	Acacia (gum arabic)
E415	Xanthan gum
E420	D-glucitol (sorbitol)
E421	Mannitol
E422	Glycerol
E440	Pectins
E460	Microcrystalline cellulose
E461	Methylcellulose
E462	Ethylcellulose
E463	Hydroxypropylcellulose
E464	Hydroxypropylmethylcellulose
E465	Ethylmethylcellulose
E466	Carboxymethylcellulose, (sodium salt of carboxymethyl ether of cellulose)
E470	Sodium, potassium and calcium salts of edible fatty acids, alone or in mixtures, derived either from edible fats or distilled edible fatty acids
E471	Monoacyl and diacylglycerols (mono- and di-glycerides of fatty acids)
E472	Monoacyl and diacylglycerols esterified with the following acids: (*a*) acetic (*b*) lactic (*c*) citric (*d*) tartaric (*e*) monoacetyltartaric and diacetyltartaric
E473	Sucrose esters of fatty acids (esters of saccharose and edible fatty acids)
E474	Mixture of sucrose esters of monoacyl and diacylglycerols (Sucroglycerides)
E475	Polyglycerol esters of non-polymerised edible fatty acids
E477	Propylene glycol esters of fatty acids (propane-1, 2-diol esters of fatty acids)
E480	Stearoyl-2-lactylic acid
E481	Sodium stearoyl-2-lactylate
E482	Calcium stearoyl-2-lactylate
E483	Stearyl tartrate
E484	Glycerol poly(ethylene glycol) ricinoleate
E486	Dextrans
E491	Sorbitan monostearate
E492	Sorbitan tristearate
E493	Sorbitan monolaurate
E494	Sorbitan mono-oleate
E495	Sorbitan monopalmitate

Polyoxyethylene (20) sorbitan monolaurate

Polyoxyethylene (20) sorbitan monopalmitate
Polyoxyethylene (20) sorbitan monostearate
Polyoxyethylene (20) sorbitan tristearate
Polyoxyethylene (20) sorbitan mono-oleate
Polyoxyethylene (20) sorbitan trioleate
Polyoxyethylene (8) stearate
Polyoxyethylene (40) stearate

CHAPTER B

EEC No.	*Name or Description*	*Kind of Animal*	*Maximum content (mg/kg in complete feeding stuff)*
E450b(i)	*penta*Sodium triphosphate	Dogs, cats	5000
E487	Polyethyleneglycol esters of fatty acids from soya oil	Calves	6000 in milk replacer feeds only
E488	Polyoxyethylated glycerides of tallow fatty acids	Calves	5000 in milk replacer feeds only
E489	Ethers of polyglycerol and of alcohols obtained by the reduction of oleic and palmitic acids	Calves	5000 in milk replacer feeds only
E496	Poly(ethylene glycol) 6000	All animals	300
E497	Polyoxypropylene -polyoxyethylene polymers (M.W. 6800-9000)	All animals	50
E490	Propane-1, 2-diol	Dairy cows	12000
		Calves Cattle for fattening Lambs Kids Swine Poultry	36000
E498	Partial polyglycerol esters of polycondensed fatty acids of castor oil (polyglycerol polyricinoleate)	Dogs	

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

PART IV

PERMITTED BINDERS, ANTI-CAKING AGENTS AND COAGULANTS

EEC No.	*Name or Description*	*Chemical formula*
E330	Citric acid	$C_6H_8O_7$
E470	Sodium, potassium and calcium stearates	$C_{18}H_{35}O_2Na$ $C_{18}H_{35}O_2K$ and $C_{36}H_{70}O_4Ca$
E551 a	Silicic acid (precipitated and dried)	—
E551 b	Colloidal silica	—
E551 c	Kieselguhr (diatomaceous earth, purified)	—
E552	Calcium silicate (synthetic)	—
E554	Sodium aluminosilicate (synthetic)	—
E559	Kaolin and kaolinitic clays free of asbestos (naturally occurring mixtures of minerals containing at least 65% complex hydrated aluminium silicates whose main constituent is kaolinite)	—
E560	Natural mixtures of steatite and chlorite free of asbestos (min. purity of the mixture: 85%)	—
E561	Vermiculite (hydrated silicate of magnesium, aluminium and iron, expanded by heating, free of asbestos:— max. fluorine content — 0·3%)	—
E565	Lignosulphonates	—
	Bentonite and other montmorillonite clays	—

PART V

VITAMINS, PRO-VITAMINS AND SUBSTANCES HAVING A SIMILAR EFFECT

EEC No.	*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
E670	Vitamin D_2	Cattle	4000
	or	Calves	10000 in milk replacer feeds only
		Sheep	4000
E671	Vitamin D_3	Lambs	10000 in milk replacer feeds only
		Horses	4000
		Other kinds except poultry	2000
		CHAPTER B	
E671	Vitamin D_3	Chickens for fattening Turkeys	5000
		Other poultry	3000
		CHAPTER C	
	Other vitamins, pro-vitamins and chemically well defined substances having a similar effect	All animals	No limit

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

PART VI — TRACE ELEMENTS

EEC No.	Column 1 *Element*	Column 2 *Name of Additive*	Column 3	Column 4 *Kind of animal*	Column 5 *Maximum content of the element (mg/kg in complete feeding stuff)*
E1	Iron — Fe	Ferrous fumarate	$FeC_4H_2O_4$	All animals	1,250 (total)
		Ferrous citrate	$Fe_3(C_6H_5O_7)_2.6H_2O$		
		Ferrous carbonate	$FeCO_3$		
		Ferrous chloride	$FeCl_2.4H_2O$		
		Ferric chloride	$FeCl_3.6H_2O$		
		Ferric oxide	Fe_2O_3		
		Ferrous sulphate	$FeSO_4.7H_2O$		
		Ferrous lactate	$Fe(C_3H_5O_3)_2.3H_2O$		
E2	Iodine — I	Calcium iodate,	$Ca(IO_3)_2.6H_2O$		40 (total)
		Anhydrous calcium iodate	$Ca(IO_3)_2$		
		Sodium iodide	NaI		
		Potassium iodide	KI		
E3	Cobalt — Co	Cobaltous acetate	$Co(CH_3COO)_2.4H_2O$		10 (total)
		Basic cobaltous carbonate	$2CoCO_3.3Co(OH)_2.H_2O$		
		Cobaltous chloride	$CoCl_2.6H_2O$		
		Cobaltous sulphate	$CoSO_4.7H_2O$		
		Cobaltous sulphate, monohydrate	$CoSO_4.H_2O$		
		Cobaltous nitrate	$Co(NO_3)_2.6H_2O$		

E4	Copper — Cu	Cupric acetate	$Cu(CH_3COO)_2.H_2O$		Pigs for fattening over 6 months	35 (total)
		Cupric methionate	$Cu(C_5H_{10}NO_2S)_2$		Breeding pigs	35 (total)
		Basic cupric carbonate, monohydrate	$CuCO_3.Cu(OH)_2.H_2O$		Calves:	
		Cupric chloride	$CuCl_2.2H_2O$		— milk substitutes	30 (total)
		Cupric oxide	CuO		— other feeding stuffs	50 (total)
		Cupric sulphate	$CuSO_4.5H_2O$		Sheep	20 (total)
					Other species or categories of animals	35 (total)
E5	Manganese — Mn	Manganous carbonate	$MnCO_3$			
		Manganous chloride	$MnCl_2.4H_2O$			
		Manganous hydrogen phosphate	$MnHPO_4.3H_2O$			
		Manganous oxide	MnO			
		Manganic oxide	Mn_2O_3			
		Manganous sulphate	$MnSO_4.4H_2O$			
		Manganous sulphate, monohydrate	$MnSO_4.H_2O$			250 (total)
E6	Zinc — Zn	Zinc lactate	$Zn(C_3H_5O_3)_2.3H_2O$		All animals	
		Zinc acetate	$Zn(CH_3COO)_2.2H_2O$			
		Zinc carbonate	$ZnCO_3$			
		Zinc chloride, monohydrate	$ZnCl_2.H_2O$			
		Zinc oxide	ZnO			
		Zinc sulphate	$ZnSO_4.7H_2O$			
		Zinc sulphate, monohydrate	$ZnSO_4.H_2O$			
	Molybdenum — Mo					2·5
	Selenium — Se					0·5

PART VII

AROMATIC AND APPETISING SUBSTANCES

Column 1 *Name or Description*	Column 2 *Kind of Animal*	Column 3 *Maximum content (mg/kg in complete feeding stuff)*
Saccharin	All animals	No limit
All natural products and corresponding synthetic products	All animals	No limit

PART VIII

PERMITTED PRESERVATIVES

CHAPTER A

EEC No.	*Name or Description*	*Chemical formula*
E200	Sorbic acid	$C_6H_8O_2$
E201	Sodium sorbate	$C_6H_7O_2Na$
E202	Potassium sorbate	$C_6H_7O_2K$
E203	Calcium sorbate	$C_{12}H_{14}O_4Ca$
E236	Formic acid	CH_2O_2
E237	Sodium formate	CHO_2Na
E238	Calcium formate	$C_2H_2O_4Ca$
E260	Acetic acid	$C_2H_4O_2$
E261	Potassium acetate	$C_2H_3O_2K$
E262	Sodium diacetate	$C_4H_7O_4Na$
E263	Calcium acetate	$C_4H_6O_4Ca$
E270	Lactic acid	$C_3H_6O_3$
E280	Propionic acid	$C_3H_6O_2$
E281	Sodium propionate	$C_3H_5O_2Na$
E282	Calcium propionate	$C_6H_{10}O_4Ca$
E283	Potassium propionate	$C_3H_5O_2K$
E284	Ammonium propionate	$C_3H_9O_2N$
E295	Ammonium formate	CH_5O_2N
E296	DL-Malic acid	$C_4H_6O_5$
E297	Fumaric acid	$C_4H_4O_4$
E325	Sodium lactate	$C_3H_5O_3Na$
E326	Potassium lactate	$C_3H_5O_3K$
E327	Calcium lactate	$C_6H_{10}O_6Ca$
E330	Citric acid	$C_6H_8O_7$
E331	Sodium citrates	—
E332	Potassium citrates	—
E333	Calcium citrates	—
E334	L-Tartaric acid	$C_4H_6O_6$
E335	Sodium L-tartrates	—
E336	Potassium L-tartrates	—
E337	Potassium sodium L-tartrate	$C_4H_4O_6KNa_4H_2O$
E338	Orthophosphoric acid	H_3PO_4
	Hydrochloric acid } for use in silage only	HCl
	Sulphuric acid } for use in silage only	H_2SO_4

EEC No.	*Name or Description*	*Chemical formula*	*Kind of Animal*	*Maximum content (mg/kg in complete feeding stuff)*
E222	Sodium hydrogensulphite (sodium bisulphite) — Not permitted in unprocessed meat and fish	$NaHSO_3$	Dogs and Cats	500 alone or together expressed as SO_2
E223	*di*Sodium disulphite (sodium metabisulphite) — Not permitted in unprocessed meat and fish	$Na_2S_2O_5$		
E250	Sodium nitrite	$NaNO_2$	Dogs and Cats	100 (canned feeding stuffs only)
E214	Ethyl 4-hydroxybenzoate	$C_9H_{10}O_3$	Pet animals	No limit
E215	Sodium ethyl 4-hydroxybenzoate	$C_9H_9O_3Na$		
E216	Propyl 4-hydroxybenzoate	$C_{10}H_{12}O_3$		
E217	Sodium propyl 4-hydroxybenzoate	$C_{10}H_{11}O_3Na$		
E218	Methyl 4-hydroxybenzoate	$C_8H_8O_3$		
E219	Sodium methyl 4-hydroxybenzoate	$C_8H_7O_3Na$		
E490	Propane-1, 2-diol	$C_3H_8O_2$	Cats Dogs	75000 53000
E240	Formaldehyde	CH_2O	Pigs up to the age of six months. All species of animal except pigs up to the age of six months	600 (in skimmed milk only) No limit

SCHEDULE 5 Regulation 16

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	2
	except:	
	—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	150
	except:	
	—feeding stuffs of animal origin	500
	—phosphates	2000
	Complete feeding stuffs	150
	except:	
	—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	10
	except:	
	—grass meal, lucerne meal or clover meal	40
	—phosphates	30
	—yeast	5
	Complete feeding stuffs	5
Mercury	Straight feeding stuffs	0·1
	except:	
	—feeding stuffs produced by the processing of fish or other marine animals	0·5
	Complete feeding stuffs	0·1
	except:	
	—complete feeding stuffs for dogs or cats	0·4

Substances	*Feeding stuffs*	*Maximum content in mg/kg of feeding stuffs referred to a moisture content of 12%*
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 animals, 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 animals	0·01
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
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

Substances	*Feeding stuffs*	*Maximum content in mg/kg of the feeding stuff as found*
Rye Ergot *Claviceps purpurea* (Fr.) Tul	All feeding stuffs containing unground cereals	1000
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 (expressed as allyl isothiocyanate)
	— 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

Substances	*Feeding Stuffs*	*Maximum content in mg/kg of the feeding stuff as found*
CHAPTER C		
Apricot — *Prunus armeniaca* L. Bitter almond — *Prunus dulcis* (Mill.) D A Webb var. *amara* (DC.) Focke (= *Prunus amygdalus* Batsch var. *amara* (DC.) Focke) Unhusked beech mast — *Fagus silvatica* L. Camelina — *Camelina sativa* (L) Crantz Mowrah, bassia, madhuca — *Madhuca longifolia* (L) Macbr. (= *Bassia longifolia* L. = *Illipe Madhuca longifolia* L. = *Illipe malabrorum* Engl.) *Madhuca indica* Gmelin. (= *Bassia latifolia* (Roxb.) F. Mueller) Purghera — *Jatropha curcas* L. Croton — *Croton tiglium* L. Indian mustard — *Brassica juncea* (L.) Czern. and Coss. ssp. *integrifolia* (West.) Thell Sareptian mustard — *Brassica juncea* (L.) Czern. and Coss. ssp. *juncea* Chinese mustard — *Brassica juncea* (L.) Czern. and Coss. ssp. *juncea* var. *lutea* Batalin Black mustard — *Brassica nigra* (L.) Koch Ethiopian mustard — *Brassica carinata* A Braun.	All feeding stuffs	Seeds and fruits of the plant species listed opposite as well as their processed derivatives may only be present in feeding stuffs in trace amounts not quantitatively determinable

SCHEDULE 6 Regulation 7(2)

CATEGORIES OF INGREDIENTS WITH DESCRIPTIONS FOR USE IN RELATION TO COMPOUND FEEDING STUFFS FOR PET ANIMALS

Description of the Category	*Definition*
1. Meat and animal derivatives	All the fleshy parts of slaughtered warm-blooded land animals fresh or preserved by appropriate treatment, and all products and derivatives of the processing of the carcase or parts of the carcase of such animals.
2. Milk and milk derivatives	All milk products, fresh or preserved by appropriate treatment and derivatives from the processing thereof.
3. Eggs and egg derivatives	All egg products fresh or preserved by appropriate treatment, and derivatives from the processing thereof.
4. Oils and fats	All animal and vegetable oils and fats.
5. Yeasts	All yeasts, the cells of which have been killed and dried.
6. Fish and fish derivatives	Fish or parts of fish, fresh or preserved by appropriate treatment, and derivatives from the processing thereof.
7. Cereals	All types of cereal, regardless of their presentation, or products made from the starchy endosperm.
8. Vegetables	All types of vegetables and legumes, fresh or preserved by appropriate treatment.
9. Derivatives of vegetable origin	Derivatives resulting from the treatment of vegetable products in particular cereals, vegetables, legumes and oil seeds.
10. Vegetable protein extracts	All products of vegetable origin in which the proteins have been concentrated by an adequate process to contain at least 50% crude protein, as related to the dry matter, and which may be restructured or textured.
11. Minerals	All inorganic substances suitable for animal feed.
12. Various sugars	All types of sugar.
13. Fruit	All types of fruit, fresh or preserved by appropriate treatment.
14. Nuts	All kernels from shells.
15. Seeds	All types of seeds as such or roughly crushed.
16. Algae	Algae, fresh or preserved by appropriate treatment.
17. Molluscs and crustaceans	All types of molluscs, crustaceans, shellfish, fresh or preserved by appropriate treatment, and their processing derivatives.
18. Insects	All types of insects in any stage of development.
19. Bakery products	All bread, cakes, biscuits and pasta products.

SCHEDULE 7

Regulation 18 and Schedule 1, paragraph 15

CONTROL OF CERTAIN PROTEIN SOURCES

Column 1 *Name of product group*	Column 2 *Permitted products*	Column 3 *Designation of nutritive principle or identity of micro-organism*	Column 4 *Culture substrate (specifications, if any)*	Column 5 (1) *Composition characteristics of product*	Column 6 *Animal species*	Column 7 (1) *Name of product and specified particulars*
1. **Proteins obtained from the following groups of micro-organisms**						
1.1. *Bacteria*						
1.2. *Yeasts*	All yeasts					
1.2.1. Yeasts cultivated on substrates of animal or vegetable origin	—obtained from the micro-organisms and substrates listed in columns 3 and 4	Saccharomyces cerevisiae Saccharomyces carlsbergiensis Kluyveromyces lactis Kluyveromyces fragilis	Molasses, distillery residues, cereals and products containing starch, fruit juice, whey, lactic acid, hydrolyzed vegetable fibres.		All animal species	
	—the cells of which have been killed					

1.2.2. Yeasts cultivated on substrates other than those given in 1.2.1.							
1.3. *Algae*							
1.4. *Lower fungi*							
2. **Non-protein nitrogenous compounds**							
2.1. Urea and its derivatives	2.1.1. Urea, technically pure	$CO(NH_2)_2$	—	Urea: min. 97%		Declarations to be made on the label or packaging of the product:	
	2.1.2. Biuret, technically pure	$(CONH_2)_2$-NH	—	Biuret: min. 97%			
	2.1.3. Urea-phosphate, technically pure	$CO(NH_2)_2.H_3PO_4$	—	Nitrogen: min. 16·5% Phosphorus: min. 18%	Ruminants from the beginning of rumination	— the name: "Urea" "Biuret" "Urea-phosphate" or "Diureidoisobutane", as the case may be; — nitrogen level; and in addition for product 2.1.3., phosphorus level; — animal species or category	
	2.1.4. Diureidoisobutane, technically pure	$(CH_3)_2$-$(CH)_2$-$(NHCONH_2)_2$	—	Nitrogen: min. 30% Isobutyraldehyde; min. 35%			

SCHEDULE 7 —*continued*

Column 1 *Name of product group*	Column 2 *Permitted products*	Column 3 *Designation of nutritive principle or identity of micro-organism*	Column 4 *Culture substrate (specifications, if any)*	Column 5 (1) *Composition characteristics of product*	Column 6 *Animal species*	Column 7 (1) *Name of product and specified particulars*
						Declarations to be made on the label or packaging of compound feedingstuffs: — the name "Urea", "Biuret", "Urea-phosphate" or "Diureidoisobutane" as the case may be; — amount of the product contained in the feedingstuff; — percentage of the total crude protein provided by non-protein nitrogen;

							— indication, in the instructions for use, of the level of total non-protein nitrogen which should not be exceeded in the daily ration of each animal species or category
2.2.	Ammonium salts	2.2.1. Ammonium lactate, produced by fermentation with *Lactobacillus bulgaricus*	$CH_3CHOHCOONH_4$	Whey	Nitrogen expressed as crude protein: min. 44%	Ruminants from the beginning of rumination	Declarations to be made on the label or packaging of the product: — the name: "Ammonium lactate from fermentation"; — nitrogen expressed as crude protein; — crude ash; — moisture; — animal species or category Declarations to be made on the label or packaging of compound feedingstuffs: — the name: "Ammonium lactate from fermentation";

SCHEDULE 7—*continued*

Column 1 *Name of product group*	Column 2 *Permitted products*	Column 3 *Designation of nutritive principle or identity of micro-organism*	Column 4 *Culture substrate (specifications, if any)*	Column 5 (1) *Composition characteristics of product*	Column 6 *Animal species*	Column 7 (1) *Name of product and specified particulars*
						— amount of product contained in the feedingstuff; — percentage of the total crude protein provided by non-protein nitrogen; — indication, in the instructions for use, of the level of total non-protein nitrogen which should not be exceeded in the daily ration of each animal species or category.

2.3.	By-products from the production of amino acids by fermentation	2.3.1. Concentrated liquid by-products from the production of L-glutamic acid by fermentation with *Corynebacterium melassecola*	Ammonium salts and other nitrogenous compounds	Sucrose, molasses, starch products and their hydrolysates	Nitrogen expressed as crude protein: min. 48% Moisture: max. 28%	Ruminants from the beginning of rumination	Declarations to be made on the label or packaging of the product: — nitrogen, expressed as crude protein; — crude ash; — moisture; — animal species or category. Declarations to be made on the label or packaging of compound feeding-stuffs: — percentage of the total crude protein provided by non-protein nitrogen; — indication, in the instructions for use, of level of total non-protein nitrogen which should not be exceeded in the daily ration of each animal species or category.
		2.3.2. Concentrated liquid by-products from the production of L-lysine monohydrochloride by fermentation with *Brevibacterium lactofermentum*	Ammonium salts and other nitrogenous compounds	Sucrose, molasses, starch products and their hydrolysates	Nitrogen expressed as crude protein: min. 45%	Ruminants from the beginning of rumination	

SCHEDULE 7—*continued*

Column 1 *Name of product group*	Column 2 *Permitted products*	Column 3 *Designation of nutritive principle or identity of micro-organism*	Column 4 *Culture substrate (specifications, if any)*	(1) Column 5 *Composition characteristics of product*	Column 6 *Animal species*	(1) Column 7 *Name of product and specified particulars*
3. **Amino acids and their salts**	3.1. DL-methionine, technically pure	$CH_3S(CH_2)_2$-$CH(NH_2)$-$COOH$	—	DL-methionine: min. 98%	All animal species	Declarations to be made on the label or packaging of the product:
	3.2. Dihydrated calcium salt of N-hydroxy-methyl-DL-methionine, technically pure	$(CH_3S(CH_2)_2$-$CH(NH$-$CH_2OH)$-$COO)_2Ca.2H_2O$	—	DL-methionine: min. 67% Formaldehyde: max. 14% Calcium: min. 9%	Ruminants from the beginning of rumination	— the name: "DL-methionine", in the case of product 3.1.; "Dihydrated calcium salt of N-hydroxy-methyl-DL-methionine" in the case of product 3.2.; — DL-methionine and moisture contents; — animal species or category in the case of product 3.2.

	3.3. L-lysine, technically pure	$NH_2(CH_2)_4$-$CH(NH_2)$-COOH	—	L-lysine: min. 98%	All animal species	Declarations to be made on the label or packaging of the product: — the name: "L-lysine" in the case of product 3.3.; "L-lysine-monohydro-chloride" in the case of product 3.4.; "L-lysine sulphate and its by-products from fermentation "in the case of product 3.5.; L-lysine and moisture contents.
	3.4. L-lysine monohydroch-loride, technically pure	$NH_2(CH_2)_4$-$CH(NH_2)$-COOH.HCl	—	L-lysine: min. 78%		
	3.5. L-lysine sulphate produced by fermentation with *Corynebacterium glutamicum*	$(NH_2(CH_2)_4$-$CH(NH_2)$-$COOH)_2.H_2SO_4$	Sugar syrup, molasses, cereals, starch products and their hydrolysates	L-lysine: min. 40%		
	3.6. L-threonine, technically pure	$CH_3CH(OH)$-$CH(NH_2)$-COOH	—	L-threonine: min. 98%	All animal species	Declarations to be made on the label or packaging of the product: — the name: "L-threonine"

SCHEDULE 7—*continued*

Column 1 *Name of product group*	Column 2 *Permitted products*	Column 3 *Designation of nutritive principle or identity of micro-organism*	Column 4 *Culture substrate (specifications, if any)*	(1) Column 5 *Composition characteristics of product*	Column 6 *Animal species*	(1) Column 7 *Name of product and specified particulars*
						—L-threonine and moisture contents
	3.7. L-tryptophan, technically pure	$C_8H_5NH)-CH_2-CH(NH_2)-COOH$	—	L-tryptophan, min. 98%	All animal species	Declarations to be made on the label or packaging of the product: —the name: "L-tryptophan" —L-tryptophan and moisture contents
	3.8. DL-tryptophan, technically pure	$(C_8H_5NH)-CH_2-CH(NH_2)-COOH$	—	DL-tryptophan: min. 98%	All animal species	Declarations to be made on the label or packaging of the product: —the name "DL-tryptophan" —DL-tryptophan and moisture contents

4.	**Hydroxy-analogues of amino acids**	4.1. DL-2-hydroxy-4-methyl-mercaptobutyric acid	$CH_3S-(CH_2)_2-CH(OH)-COOH$	—	Monomer acid: min. 65%	All animal species except ruminants	Declarations to be made on the label or packaging of the product:	
		4.2. Calcium salt of DL-2-hydroxy-4-methylmercaptobutyric acid	$(CH_3S-(CH_2)_2-CH(OH)-COO)_2Ca$	—	Monomer acid: min. 83% Calcium: min. 12%		— name (column 2) — monomer acid and moisture contents — animal species or category	

(1) The contents laid down or to be declared in accordance with Columns 5 and 7 refer to the product as such.

SCHEDULE 8 Regulation 19

CONTROL OF ADDITIVES AND PREMIXTURES

PART I

ADDITIVES

1. The label or mark shall give—

(*a*) in the case of any additive,

(i) the name of the additive;

(ii) the name or business name and the address or registered business address of the person responsible within the European Economic Community for the particulars referred to in this Part of this Schedule;

(*b*) in the case of any vitamin E,

(i) the alpha-tocopherol level as acetate; and

(ii) an indication of the period during which that level will remain present;

(*c*) in the case of any vitamin other than vitamin E, or any added provitamin or substance having a similar effect,

(i) the active substance level; and

(ii) an indication of the period during which that level will remain present;

(*d*) in the case of any trace element, colourant (including pigment), preservative or other additive not specified above, the active substance level.

2. The label or mark may give, in addition to the name used in relation to any additive in the Table to Schedule 4—

(*a*) the trade name of the additive and its EEC number;

(*b*) the name or business name and the address or registered business address of the manufacturer; and

(*c*) directions for use, including any appropriate safety recommendation.

PART II

PREMIXTURES

1. The label or mark shall give—

(*a*) in the case of any premixture,

(i) the description "premixture";

(ii) directions for use, including any appropriate safety recommendation;

(iii) the species or category of animal for which the premixture is intended; and

(iv) the name or business name and the address or registered business address of the person responsible within the European Economic Community for the particulars referred to in this Part of this Schedule;

(*b*) in the case of any antioxidant, colourant (including pigment), trace element or preservative in a premixture for which a maximum content in a complete feeding stuff is provided for by the appropriate Part of the Table to Schedule 4,

(i) the name of the additive; and

(ii) the active substance level;

(*c*) in the case of any vitamin E in a premixture,

(i) the name of the additive;

(ii) the alpha-tocopherol level as acetate; and

(iii) an indication of the period during which that level will remain present;

(*d*) in the case of any vitamin other than vitamin E, or any provitamin or substance having a similar effect in a premixture,

(i) the name of the additive;

(ii) the active substance level; and

(iii) an indication of the period during which that level will remain present;

(*e*) in the case of any additive in a premixture other than any of those referred to in sub-paragraphs (*b*) to (*d*),

(i) which fulfils a function in the feeding stuff as such; and

(ii) the amount thereof which is present in the premixture can be determined by using one of the methods of analysis specified in Schedule 2 to the Sampling and Analysis Regulations, or by some other valid scientific method; and

(iii) the name of the additive and the active substance level.

2. The label or mark may give, in addition to the name used in relation to any additive in the Table to Schedule 4,

(*a*) the trade name of the additive; or

(*b*) its EEC number; or

(*c*) both such trade name and EEC number.

3. In the case of a premixture containing more than one vitamin (other than vitamin E), provitamin or substance having a similar effect, the requirement for the indication of the period for which the active substance level will remain present shall apply only to that one of those additives which has the shortest such period.

EXPLANATORY NOTE

(This note is not part of the Regulations.)

1. These regulations, which supersede the Feeding Stuffs Regulations (Northern Ireland) 1986, implement the provisions of the directives listed in paragraph 2 below which relate to non-medicinal animal feeding stuffs and incorporate certain changes in the law which are described in paragraph 8 below.

2. The principal directives implemented are—

Council Directive 70/524/EEC (O.J. No. L270, 14.12.70, p. 1, (O.J./SE Vol. 18, p. 4)) concerning additives in feeding stuffs, as amended;

Council Directive 74/63/EEC (O.J. No. L38, 11.2.74, p. 31) on the fixing of maximum permitted levels for undesirable substances and products in feeding stuffs, as amended;

Council Directive 77/101/EEC (O.J. No. L32, 3.2.77, p. 1) on the marketing of straight feeding stuffs, as amended;

Council Directive 79/373/EEC (O.J. No. L86, 6.4.79, p. 30) on the marketing of compound feeding stuffs, as amended;

Commission Directive 80/511/EEC (O.J. No. L126, 21.5.80, p. 14) authorising, in certain cases, the marketing of compound feeding stuffs in unsealed packages or containers;

Council Directive 82/471/EEC (O.J. No. L213, 21.7.82, p. 8) concerning certain products used in animal nutrition;

Commission Directive 82/475/EEC (O.J. No. L213, 21.7.82, p. 27) laying down the categories of ingredients which may be used for the purposes of labelling compound feeding stuffs for pet animals;

and the regulations incorporate further amendments made to those directives by the following:

Forty-fourth Commission Directive 83/615/EEC (O.J. No. L350, 13.12.83, p. 17) amending the Annexes to Council Directive 70/524/EEC concerning additives in feeding stuffs;

Forty-sixth Commission Directive 84/349/EEC (O.J. No. L183, 11.7.84, p. 15) amending the Annexes to Council Directive 70/524/EEC concerning additives in feeding stuffs;

Forty-seventh Commission Directive 84/547/EEC (O.J. No. L297, 15.11.84, p. 40) amending the Annexes to Council Directive 70/524/EEC concerning additives in feeding stuffs;

Commission Directive 84/443/EEC (O.J. No. L245, 14.9.84, p. 21) amending the Annex to Council Directive 82/471/EEC concerning certain products used in animal nutrition;

Council Directive 84/587/EEC (O.J. No. L319, 8.12.84, p. 13) amending Council Directive 70/524/EEC concerning additives in feeding stuffs;

Commission Directive 85/429/EEC (O.J. No. L245, 12.9.85, p. 1) amending the Annexes to Council Directive 70/524/EEC concerning additives in feeding stuffs;

Commission Directive 85/509/EEC (O.J. No. L314, 23.11.85, p. 25) amending the Annex to Council Directive 82/471/EEC concerning certain products used in animal nutrition.

Commission Directive 85/520/EEC (O.J. No. L323, 4.12.85, p. 12) amending Commission Directive 85/429/EEC, amending the Annexes to Council Directive 70/524/EEC concerning additives in feeding stuffs.

3. The regulations apply to feeding stuffs for animals of the descriptions specified in regulation 3 and for pet animals. Those feeding stuffs (with the exception of straight feeding stuffs intended for use as pet foods) are prescribed in regulation 4 for the purposes of Sections 68(1) and 69(1) of the Agriculture Act 1970 (''the Act''), which require the sellers of prescribed materials to give statutory statements as to their composition and information or instructions as to their storage, handling and use, and to mark them with that information. The contents of statutory statements are prescribed by regulation 5 and Schedule 1, and their form by regulation 6. Further provisions relating to statutory statements are contained in regulations 7, 8 and 9.

4. The regulations also provide for—

(*a*) permitted limits of variation in mis-statements in statutory statements, (regulation 11 and Schedule 3);

(*b*) the manner of packaging and sealing compound feeding stuffs, additives and premixtures (regulation 12); and

(*c*) the meaning of names for the purposes of Section 70 of the Act, (which creates an implied warranty that material described by a name to which a meaning has been so assigned accords with that meaning), (regulation 13 and Schedule 2).

5. The regulations further provide for the control of the moisture content of compound feeding stuffs containing milk products (regulation 14), and regulate the sale and possession for sale of feeding stuffs containing additives, (regulation 15 and Schedule 4), undesirable substances, (regulation 16 and Schedule 5), Aflatoxin B_1, (regulation 17), and certain protein sources and non-protein nitrogenous compounds, (regulation 18 and Schedule 7).

The sale or possession for sale of feeding stuffs consisting of or containing ''Candida'' yeasts cultivated on n-alkanes is prohibited, (regulation 18(2)), implementing Commission Decision 85/382/EEC, (O.J. No. L217, 14.8.85, p. 27).

6. The regulations make minor modifications to Part IV of the Act, and bring further sections of that Part of the Act within the scope of Section 82 (which provides defences of mistake, accident etc.), (regulations 20 and 21). Limited exemptions from their application are provided in regulations 15(2), 16(3) and 22.

7. Any person who contravenes any prohibition or restriction imposed by regulations 15, 16 and 17, or fails to comply with any other provision of those regulations, shall, under section 74(A)(3) of the Act, be liable on summary conviction to a fine not exceeding £2,000 or, on a second or subsequent conviction, to a fine not exceeding £2,000 or to imprisonment for a term not exceeding three months, or to both.

8. The following changes in the law are effected in implementation of the Directives 84/587/EEC, 85/429/EEC and 85/520/EEC: Additives and ''premixtures'' of additives intended for incorporation in animal feeding stuffs are now brought under control analogous to that previously provided in relation to the feeding stuffs themselves. The amendments—

(*a*) provide for the labelling or marking of the sealed bags or containers in which additives and premixtures must be sold (regulations 12(1) and 19 and Schedule 8);

(*b*) provide that any person who contravenes any provision of regulation 19 shall be guilty of an offence and shall be liable on summary conviction to a fine not exceeding £1,000 (regulation 19(4));

(*c*) make certain detailed changes to the requirements in Schedule 1 as to the contents of statutory statements (paragraph 2(1)(*b*), (*c*) and (*d*), (2)(*a*), (*b*) and (*c*) and (4));

(*d*) insert new or amended definitions in regulation 2(1) for "additive", "compound feeding stuff", "daily ration", "name", "premixture", "protein equivalent" and "straight feeding stuff"; and

(*e*) specify that the maximum and minimum additive contents in feeding stuffs laid down in the Table in Schedule 4 are to be measured by reference to a complete feeding stuff with a moisture content of 12% (paragraph 11 of that Schedule).

1986 No. 335

This Order has been exempted from printing by the Statutory Rules (Northern Ireland) Order 1979. A summary is given in the List of Statutory Rules of a Local Character under the heading ROADS.