1980 No. 404

AGRICULTURE

Fertilisers and Feeding Stuffs (Amendment) Regulations (Northern Ireland) 1980

Made . . . . . *11th November 1980*

Coming into operation . . . *2nd December 1980*

The Department(**a**) of Agriculture, in exercise of the powers conferred on it by sections 66(1), 68(1), 69(1), 74A(**b**), 84 and 86(1) and (9) of the Agriculture Act 1970(**c**) 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:

Citation, commencement and interpretation

1.—(1) These regulations may be cited as the Fertilisers and Feeding Stuffs (Amendment) Regulations (Northern Ireland) 1980, and shall come into operation on 2nd December 1980.

(2) In these regulations "the principal regulations" means the Fertilisers and Feeding Stuffs Regulations (Northern Ireland) 1973(**d**) as amended by the Fertilisers and Feeding Stuffs (Amendment) Regulations (Northern Ireland) 1976(**e**) and the Fertilisers and Feeding Stuffs (Amendment) Regulations (Northern Ireland) 1977(**f**).

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

Amendment of the principal regulations

2. For Schedule 3 to the principal regulations there shall be substituted the Schedule to these regulations.

Sealed with the Official Seal of the Department of Agriculture for Northern Ireland on 11th November 1980.

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

(**a**) Formerly Ministry: *see* 1973 c. 36 s. 40 Sch. 5 para. 8(1)
(**b**) Inserted by 1972 c. 68 s. 4(1) and Sch. 4 para. 6
(**c**) 1970 c. 40
(**d**) S.R. & O. (N.I.) 1973 No. 494 (II, p. 2862)
(**e**) S.R. 1976 No. 255 (II, p. 1202)
(**f**) S.R. 1977 No. 52 (I, 6. 147)
(**g**) 1954 c. 33 (N.I.)

SCHEDULE Regulation 2

PROVISIONS TO BE SUBSTITUTED FOR SCHEDULE 3

TO THE PRINCIPAL REGULATIONS

"SCHEDULE 3

PERMITTED ADDITIVES AND PROVISIONS RELATING TO THEIR USE AND MARKING

(Section 74A and Regulation 6)

1. In this Schedule, in Part II of Schedule 2 and in regulation 6—

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

"binder" means any non-nutritional substance which aids the compaction of feeding stuffs;

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

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

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

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

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

"whole feeding stuff" means a mixture of feeding stuffs which, by reason of its composition, is sufficient to ensure a daily ration.

2. Subject to the following provisions of this Schedule, no material intended for use as a feeding stuff shall contain—

(*a*) any added antioxidant other than an antioxidant of a name or description specified in column (1) Part I of the table below nor any added antioxidant of a name or description so specified in proportions which, taking account of any such antioxidant which is naturally present, exceed those specified in the column (2) of that Part of the table;

(*b*) any added colourant other than a colourant of a name specified in Part II of the table below nor in the case of material intended for use as a feeding stuff for poultry any added colourant of a name specified in Chapter A of the said Part II in proportions which, taking account of any such colourant which is naturally present, exceed 80 milligrams per kilogram in whole feeding stuffs either separately or in combination with other colourants so specified;

(*c*) any added emuslifier, stabiliser or binder other than an emulsifier, stabiliser or binder of a name or description specified in Part III of the table below, nor shall it contain any added emulsifier, stabiliser or binder of a name or description so specified in proportions which, taking account of any substance which is naturally present, exceed those proportions specified in relation to the kind of animal and feeding stuff referred to in Chapter B of the said Part III;

(*d*) any added vitamin D_2 or vitamin D_3, save that material intended for use as a feeding stuff for any animal or a kind specified in the second column (2) of—

(i) Chapter A of Part IV of the table below 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 those specified in column (3) of that Part of the table in relation to the kind of animal;

(ii) Chapter B of the said Part IV may contain vitamin D_3 in proportions which, taking account of any vitamin D_3 which is naturally present, do not exceed those specified in the column (3) of that Part of the table in relation to the kind of animal;

(*e*) any added substance of a description specified in the first column (1) of Part V of the table below in proportions which, taking account of any such substance which is naturally present, exceed those specified in relation thereto in the column (2) of that Part of;

(*f*) any added copper (Cu) save that material intended for use as a feeding stuff—

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

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

(*g*) any added non-protein nitrogenous compound save that material intended for use as a feeding stuff for the following kinds of ruminant animals namely, bulls, cows, steers, heifers, calves, sheep or goats may contain the non-protein nitrogenous compounds specified in Part VI of the table below;

(*h*) any added preservative other than a preservative of a name or description specified in Part VII of the table below; nor must certain preservatives be used other than as specified in the said Part VII.

3. If the material is intended for mixing with other materials before use as a feeding stuff and it contains an added substance mentioned in Parts I — V of the table below or added copper in proportions which, taking account of any such substance or copper which is naturally present, do not exceed in each case 5 times the maximum content specified in relation to the substance in paragraph 2 above or in the table below, that material may be imported into Northern Ireland or sold or possessed with a view to sale for use as a feeding stuff if it is marked in a manner specified in regulation 9 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 whole feeding stuff.". The statement shall be completed by inserting at (X) the kind and, if appropriate, the age group of the animal for which the material is intended and at (Y) by inserting such a figure that if the statement is put into effect, the material used as a feeding stuff will comply with the preceding provisions of this Schedule. In this statement there may be substituted for the words "grams per kilogram" the symbol "%", "1b per cwt" or "1b per ton", "grams per litre" or "grams per tonne".

4. If the material, not being a material to which paragraph 5 of this Schedule applies, contains an added substance mentioned in Parts I — V of the table below or added copper in proportions which, taking account of any such substance or copper which is naturally present, exceed in each case 5 times the maximum permitted content specified in relation to the substance in paragraph 2 above or in the table below, that material may be imported into Northern Ireland, sold or possessed with a view to sale for use as a feeding stuff if it is marked in a manner specified in regulation 9 with the statement required by paragraph 3 above in respect of material to which that paragraph applies and with a statement to the effect that the material is not for direct feeding to animals and that accurate mixing is essential.

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

(*a*) each statement of maximum content in paragraph 2(*b*) and (*f*) of this Schedule and Parts I, III, IV and V of the table below may be read as if that content had been divided by that proportion;

(*b*) the material shall be marked in a manner specified in regulation 9 with instructions as to the kind and age group of animals for which it is intended.

(2) If material to which sub-paragraph (1) of this paragraph applies is also suitable for mixing with other materials before use as a feeding stuff, sub-paragraph (1)(*b*) above shall not apply to that material but that material may be imported into Northern Ireland, sold or possessed with a view to sale for use as a feeding stuff if it is marked in a manner specified in regulation 9 with the statement required by paragraph 3 of this Schedule in respect of material to which that paragraph applies and with a statement to the effect that accurate mixing is essential.

6. If material containing any added iron, iodine, cobalt, manganese, zinc, vitamins (other than vitamins A, D or E) or pro-vitamins in conformity with the provisions of this Schedule is marked with a statement, additional to the statutory statement required by section 68 or 69, containing the name and a statement of the total amount present (whether naturally present or added) of any iron, iodine, cobalt, manganese, zinc, vitamins (other than vitamins A, D or E) or pro-vitamins respectively, it shall be marked in a manner specified in regulation 9.

TABLE

PART I

PERMITTED ANTIOXIDANTS

Name or description (1)	*Maximum content (mg/kg in whole feeding stuff)* (2)
L-Ascorbic acid	no limit
Sodium L-ascorbate	
Calcium L-ascorbate	
5, 6-diacetyl-L-ascorbic acid	
6-palmityl-L-ascorbic acid	
Tocopherol-rich extracts of natural origin	
Synthetic *alpha*-tocopherol	
Synthetic *gamma*-tocopherol	
Synthetic *delta*-tocopherol	
Octyl gallate	100: alone or together
Dodecyl gallate	
Propyl gallate	
Butylated hydroxyanisole (BHA)	150: alone or together
Butylated hydroxytoluene (BHT)	
Ethoxyquin	

PART II

PERMITTED COLOURANTS

Chapter A

Capsanthen
Lycopen
Beta-8'-apo-carotenal
Ethyl ester of beta-8'-apo-carotenoic acid
Lutein
Cryptoxanthin
Violaxanthin
Canthaxanthin
Zeaxanthin

Chapter B

Patent Blue V
Curcumin
Amaranth
Tartrazine
Green S
Indigo carmine
Brilliant Black (Black PN)
Carmoisine
Ponceau 4R
Sunset Yellow FCF
Brown FK

PART III

PERMITTED EMULSIFIERS, STABILISERS AND BINDERS

Chapter A

Name or Description

Lecithins
Alginic acid
Sodium alginate
Potassium alginate
Ammonium alginate
Calcium alginate
Propylene glycol alginate (propane-1, 2-diol alginate)
Agar
Carrageenan (carrageen)
Furcelleran (furcellaran)
Locust bean gum (carob gum)
Tamarind seed flour
Guar gum (guar flour)
Tragacanth
Acacia (arabic gum)
Sorbitol
Mannitol
Glycerol
Pectins
Microcrystalline cellulose
Methylcellulose
Ethylcellulose
Hydroxypropylcellulose
Hydroxypropylmethylcellulose
Methylethylcellulose