STATUTORY INSTRUMENTS

1998 No. 104

AGRICULTURE

The Feeding Stuffs (Amendment) Regulations 1998

Made - - - - 22nd January 1998
Laid before Parliament 23rd January 1998
Coming into force - - 13th February 1998

The Minister of Agriculture, Fisheries and Food, the Secretary of State for Scotland and the Secretary of State for Wales, acting jointly, in exercise of the powers conferred by sections 66(1), 68(1), 69(1), (3), (6) and (7), 74A and 84 of the Agriculture Act 1970(1) and of all other powers enabling them in that behalf, after consultation in accordance with section 84(1) of the said Act with such persons or organisations as appear to them to represent the interests concerned, and the Minister of Agriculture, Fisheries and Food and the Secretary of State, being Ministers designated(2) for the purposes of section 2(2) of the European Communities Act 1972(3) in relation to the common agricultural policy of the European Community, acting jointly, in exercise of the powers conferred on them by the said section 2(2), and of all other powers enabling them in that behalf, hereby make the following Regulations:

Title and commencement

1. These Regulations may be cited as the Feeding Stuffs (Amendment) Regulations 1998 and shall come into force on 13th February 1998.

Amendment of the Feeding Stuffs Regulations 1995

- **2.** The Feeding Stuffs Regulations 1995(4) shall be amended in accordance with regulations 3 to 8 below.
 - **3.** In regulation 2(1) (interpretation)—
 - (a) after the definition of "ingredient" there shall be inserted the following definition—

^{(1) 1970} c. 40; section 74A was inserted by the European Communities Act 1972, c. 68, Schedule 4, paragraph 6, and the Act was amended by the Agriculture Act 1970 Amendment Regulations 1982 (S.I.1982/980). Section 66(1) contains definitions of the expressions "the Ministers", "prescribed" and "regulations"; the definition of "the Ministers" was amended by the Transfer of Function (Wales) (No. 1) Order 1978 (S.I. 1978/272), Schedule 5, paragraph 1.

⁽²⁾ S.I. 1972/1811.

^{(3) 1972} c. 68; section 2 is subject to Schedule 2 of the Act and is to be read, as regards England and Wales, with section 40 of the Criminal Justice Act 1982 (c. 48), and, as regards Scotland, with sections 289F and 289G of the Criminal Procedure (Scotland) Act 1975 (c. 21), which were inserted by section 54 of the said Act of 1982.

⁽⁴⁾ S.I. 1995/1412, amended by S.I. 1996/1260.

- ""mammalian meat and bone meal" has the meaning given to it by article 4(1) of the Bovine Spongiform Encephalopathy (No. 2) Order 1996;";(5) and
- (b) in the definition of "protein", after the word ""protein" there shall be inserted the words ", subject to paragraph (1A) below,".
- **4.** After regulation 2(1) there shall be added the following paragraph—
 - "(1A) For the purposes of paragraphs 6A(1) and 19A(1) of Schedule 1, "protein" has the meaning given to it by article 4(1) of the Bovine Spongiform Encephalopathy (No. 2) Order 1996.".(6)
- 5. In regulation 14 (control of added substances contained in feeding stuffs)—
 - (a) for paragraphs (1) to (3) there shall be substituted the following paragraph:
 - "(1) No person shall sell, or have in possession with a view to sale, for use as a feeding stuff, or use as a feeding stuff, any material containing any additive, or sell, or have in possession with a view to sale, for incorporation in a feeding stuff, any additive, unless—
 - (a) where the additive is contained in any material, the additive is referred to in paragraph 6(1) of, or in any of Parts I to X of, the Table to Schedule 4, and the material complies with the relevant provisions of that Schedule,
 - (b) where the additive is not so contained, it is referred to in paragraph 6(1) of, or in any of Parts I to X of, the Table to Schedule 4; or
 - (c) the additive, whether or not contained in any material or in a preparation, is—
 - (i) an enzyme; or
 - (ii) a micro-organism;
 - and in either case is referred to in Part XI of that Table."; and
 - (b) in paragraph (4), for the expression "Paragraphs (1) to (3) of this regulation" there shall be substituted the expression "Paragraph (1) of this regulation".
- **6.** In Schedule 1 (contents of the statutory statement)—
 - (a) after paragraph 6 there shall be added the following paragraphs—
 - "6A.—(1) In the case of any straight feeding stuff comprising protein derived from mammalian tissue but containing no mammalian meat and bone meal, and intended for animals other than pet animals, the statutory statement shall contain the declaration specified in sub-paragraph (2) below.
 - (2) The declaration referred to in sub-paragraph (1) above is—
 - "This straight feeding stuff comprises protein derived from mammalian tissue the feeding of which to ruminants is prohibited".
 - **6B.** In the case of any straight feeding stuff comprising or containing mammalian meat and bone meal, and intended for animals other than pet animals, the statutory statement shall contain the following declaration—
 - "This straight feeding stuff comprises protein derived from mammalian tissue the feeding of which to ruminants, all other categories of farmed creatures and equine animals is prohibited"."; and
 - (b) after paragraph 19 there shall be added the following paragraphs—

⁽⁵⁾ S.I. 1996/3183, amended by S.I. 1997/2387.

⁽⁶⁾ S.I. 1996/3183, amended by S.I. 1997/2387.

- "19A.—(1) In the case of any compound feeding stuff containing protein derived from mammalian tissue but containing no mammalian meat and bone meal, and intended for animals other than pet animals, the statutory statement shall contain the declaration specified in sub-paragraph (2) below.
 - (2) The declaration referred to in sub-paragraph (1) above is—
 - "This compound feeding stuff comprises protein derived from mammalian tissue the feeding of which to ruminants is prohibited".
- **19B.** In the case of any compound feeding stuff containing mammalian meat and bone meal, and intended for animals other than pet animals, the statutory statement shall contain the following declaration—

"This compound feeding stuff contains protein derived from mammalian tissue the feeding of which to ruminants, all other categories of farmed creatures and equine animals is prohibited"."

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- 7. In the Table to Schedule 4 (permitted additives and provisions relating to their use), after the provisions in Part X there shall be added the contents of Schedule 1 to these Regulations.
- **8.** For Part II of Schedule 6 (categories of ingredients for use in relation to compound feeding stuffs for animals other than pets) there shall be substituted the contents of Schedule 2 to these Regulations.

Jeff Rooker
Minister of State, Ministry of Agriculture,
20th January 1998

Sewel
Parliamentary Under Secretary of State, Scottish
Office

Win Griffiths
Parliamentary Under Secretary of State, Welsh

22nd January 1998

SCHEDULE 1

Regulation 7

PROVISIONS TO BE INSERTED INTO THE TABLE TO SCHEDULE 4 TO THE FEEDING STUFFS REGULATIONS 1995

PART XI

PERMITTED ENZYMES (OTHER THAN ANY ENZYME REFERRED TO IN PART X OF THIS SCHEDULE) AND PERMITTED MICRO-ORGANISMS

SECTION A. ENZYMES

Item	Active constituent(s)	Activity units per gram (g) or per millilitre (ml)
1	3-phytase EC 3.1.3.8 produced by <i>Aspergillus oryzae</i> DSM 10289	
	Coated (CT)	2 500 FYTU/g
	Liquid (L)	5 000 FYTU/ml
2	Alpha-amylase EC 3.2.1.1 produced by <i>Bacillus</i> amyloliquefaciens CBS 360.94	
	Solid	45 000 RAU/g
	Liquid	20 000 RAU/ml
3	Alpha-amylase EC 3.2.1.1 produced by <i>Bacillus</i> amyloliquefaciens DSM 9553	
	Coated (CT)	200 KNU/g
	Micro granulate (MG)	75 KNU/g
	Liquid (L)	300 KNU/ml
4	Alpha-amylase EC 3.2.1.1 produced by <i>Bacillus</i> amyloliquefaciens DSM 9553	540 U/g
	Endo-1,3(4)-beta-glucanase EC 3.2.1.6 produced by Aspergillus aculeatus CBS 589.94	3 000 U/g
	Cellulase (endo-1,4-beta-glucanase) EC 3.2.1.4 produced by <i>Trichoderma longibrachiatum</i> CBS 592.94	5 000 U/g
	Bacillolysin EC 3.4.24.28 produced by <i>Bacillus subtilis</i> DSM 9554	450 U/g
	4	

Item	Active constituent(s)	Activity units per gram (g) or per millilitre (ml)
	Triacylglycerol lipase EC 3.1.1.3 produced by <i>Rhizopus arrhizus</i> NIBH FERM BP 5283	100 m U/g
5	Alpha-amylase EC 3.2.1.1 produced by <i>Bacillus</i> amyloliquefaciens DSM 9553	540 U/g
	Endo-1,3(4)-beta-glucanase EC 3.2.1.6 produced by Aspergillus aculeatus CBS 589.94	3 000 U/g
	Cellulase (endo-1,4-beta-glucanase) EC 3.2.1.4 produced by <i>Trichoderma longibrachiatum</i> CBS 592.94	9 000 U/g
	Bacillolysin EC 3.4.24.28 produced by <i>Bacillus subtilis</i> DSM 9554	450 U/g
	Triacylglycerol lipase EC 3.1.1.3 produced by <i>Rhizopus arrhizus</i> NIBH FERM BP 5283	100 m U/g
6	Alpha-amylase EC 3.2.1.1 produced by <i>Bacillus</i> amyloliquefaciens DSM 9553	400 U/ml
	Endo-1,3(4)-beta-glucanase EC 3.2.1.6 produced by Aspergillus aculeatus CBS 589.94	10 000 U/ml
	Cellulase (endo-1,4-beta-glucanase) EC 3.2.1.4 produced by <i>Trichoderma longi brachiatum</i> CBS 592.94	120 000 U/ml
7	Alpha-amylase EC 3.2.1.1 produced by <i>Bacillus</i> amyloliquefaciens DSM 9553	400 U/g
	Endo-1,3(4)-beta-glucanase EC 3.2.1.6 produced by Aspergillus aculeatus CBS 589.94	2 350 U/g
	Cellulase (endo-1,4-beta-glucanase) EC 3.2.1.4 produced by <i>Trichoderma longibrachiatum</i> CBS 592.94	5 000 U/g

Item	Active constituent(s)	Activity units per gram (g) or per millilitre (ml)
	Bacillolysin EC 3.4.24.28 produced by <i>Bacillus subtilis</i> DSM 9554	5 000 U/g
	Triacylglycerol lipase EC 3.1.1.3 produced by <i>Rhizopus arrhizus</i> NIBH FERM BP 5283	2 000 m U/g
8	Alpha-amylase EC 3.2.1.1 produced by <i>Bacillus</i> amyloliquefaciens DSM 9553	400 U/g
	Endo-1,3(4)-beta-glucanase EC 3.2.1.6 produced by Aspergillus aculeatus CBS 589.94	2 350 U/g
	Cellulase (endo-1,4-beta-glucanase) EC 3.2.1.4 produced by <i>Trichoderma longibrachiatum</i> CBS 592.94	4 000 U/g
	Bacillolysin EC 3.4.24.28 produced by <i>Bacillus subtilis</i> DSM 9554	450 U/g
	Triacylglycerol lipase EC 3.1.1.3 produced by <i>Rhizopus arrhizus</i> NIBH FERM BP 5283	100 m U/g
	Endo-1,4-beta-xylanase EC 3.2.1.8 produced by <i>Trichoderma viride</i> NIBH FERM BP 4842	20 000 U/g
9	Alpha-amylase EC 3.2.1.1 produced by <i>Bacillus</i> amyloliquefaciens DSM 9553	400 U/ml
	Endo-1,3(4)-beta-glucanase EC 3.2.1.6 produced by Aspergillus aculeatus CBS 589.94	10 000 U/ml
	Cellulase (endo-1,4-beta-glucanase) EC 3.2.1.4 produced by <i>Trichoderma longibrachiatum</i> CBS 592.94	120 000 U/ml
	Endo-1,4-beta-xylanase EC 3.2.1.8 produced by <i>Trichoderma viride</i> NIBH FERM BP 4842	210 000 U/ml
	FERM BP 4842	

Item	Active constituent(s)	Activity units per gram (g) or per millilitre (ml)
10	Alpha-galactosidase EC 3.2.1.22 produced by Aspergillus oryzae DSM 10286	
	Coated (CT)	1 500 GALU/g
	Liquid (L)	1 000 GALU/ml
11	Aspergillopepsin I EC 3.4.23.18 produced by Aspergillus niger CBS 519.94	
	Powder (P)	24 500 U/g
	Liquid (L)	12 250 U/ml
12	Cellulase (endo-1,-beta-glucanase) EC 3.2.1.4 produced by <i>Trichoderma reesei</i> IMI SD 142	
	Liquid	2 000 U/ml
	Solid	1 000 U/g
13	Cellulase (endo-1,4-beta-glucanase) EC 3.2.1.4 produced by <i>Aspergillus niger</i> CBS 600.94	
	Endo-1,4-beta-xylanase EC 3.2.1.8 produced by Aspergillus niger CBS 600.94	
	Powder	5 000 BGU/g (glucanase)
		12 000 FXU/g (xylanase)
	Liquid	5 000 BGU/ml (glucanase)
		12 000 FXU/ml (xylanase)
14	Cellulase (endo-1,4-beta-glucanase) EC 3.2.1.4 produced by <i>Aspergillus niger</i> CBS 600.94	, · · · · · · · · · · · · · · · · · · ·
	Endo-1,4-beta-xylanase EC 3.2.1.8 produced by Aspergillus niger CBS 600.94	
	Powder	10 000 BGU/g (glucanase)
		4 000 FXU/g (xylanase)
	Liquid	10 000 BGU/ml (glucanase)
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		4 000 FXU/ml (xylanase)

Item	Active constituent(s)	Activity units per gram (g) or per millilitre (ml)
15	Cellulase (endo-1,4-beta-glucanase) EC 3.2.1.4 produced by <i>Trichoderma viride</i> NIBH FERM BP 4447	8 000 U/g
	Endo-1,3(4)-beta-glucanase EC 3.2.1.6 produced by <i>Trichoderma viride</i> NIBH FERM BP 4447	18 000 U/g
	Endo-1,4-beta-xylanase EC 3.2.1.8 produced by <i>Trichoderma viride</i> NIBH FERM BP 4447	26 000 U/g
16	Cellulase (endo-1,4-beta-glucanase) EC 3.2.1.4 produced by <i>Trichoderma longibrachiatum</i> M2-C38M93 ATCC 74252	8 000 U/ml
	Endo-1,3(4)-beta-glucanase EC 3.2.1.6 produced by <i>Trichoderma longi brachiatum</i> M2-C38M93 ATCC 74252	18 000 U/ml
	Endo-1,4-beta-xylanase EC 3.2.1.8 produced by <i>Trichoderma longibrachia tum</i> M2-C38M93 ATCC 74252	26 000 U/ml
17	Endo-1,3(4)-beta-glucanase EC 3.2.1.6 produced by <i>Trichoderma longi brachiatum</i> ATCC SD 2106	300 U/g
	Endo-1,4-beta-xylanase EC 3.2.1.8 produced by <i>Trichoderma longibrachia</i> <i>tum</i> ATCC SD 2106 and <i>Trichoderma koningii</i> IMI SD 135	300 U/g
18	Endo-1,3(4)-beta-glucanase EC 3.2.1.6 produced by Aspergillus aculeatus CBS 589.94	
	Coated (CT)	50 FBG/g
	Micro granulate (MG)	75 FBG/g
	Liquid (L)	120 FBG/ml
19	Endo-1,3(4)-beta-glucanase EC 3.2.1.6 produced by	

Item	Active constituent(s)	Activity units per gram (g) or per millilitre (ml)
	Aspergillus niger MUCL 39199	
	Liquid	1 500 AGLU/ml
	Powder	1 500 AGLU/g
20	Endo-1,3(4)-beta-glucanase EC 3.2.1.6 produced by Aspergillus niger MUCL 39199	6 000 AGLU/g
21	Endo-1,3(4)-beta-glucanase EC 3.2.1.6 produced by Aspergillus niger Van Thiegem MUCL 39199	
	Solid	2 000 AGLU/g
	Liquid	500 AGLU/ml
22	Endo-1,3(4)-beta-glucanase EC 3.2.1.6 produced by Geosmithia emersonii IMI SD 133	5 500 U/g
23	Endo-1,3(4)-beta-glucanase EC 3.2.1.6 produced by Penicillium funiculo sum IMI SD 101, Trichoderma longibrachiatum CBS 526.94 and Trichoderma longibrachiatum CNCM MA 6 10-W	80 000 U/g
24	Endo-1,3(4)-beta-glucanase EC 3.2.1.6 produced by Penicillium funiculo sum IMI SD 101, Trichoderma longibrachiatum CBS 526.94 and Trichoderma longibrachiatum CNCM MA 6 10-W	2 250 U/g
25	Endo-1,3(4)-beta-glucanase EC 3.2.1.6 produced by Penicillium funiculo sum IMI SD 101, Trichoderma longibrachiatum CBS 526.94 and Trichoderma longibrachiatum CNCM MA 6 10-W	9 000 U/g
26	Endo-1,3(4)-beta-glucanase EC 3.2.1.6 produced by <i>Penicillium funiculo sum</i>	16 000 U/g

Item	Active constituent(s)	Activity units per gram (g) or per millilitre (ml)
	IMI SD 101, Trichoderma longibrachiatum CBS 526.94 and Trichoderma longibrachiatum CNCM MA 6 10-W	
27	Endo-1,3(4)-beta-glucanase EC 3.2.1.6 produced by Penicillium funiculo sum PF8/403 IMI SD 101	500 U/ml
	Endo-1,4-beta-xylanase EC 3.2.1.8 produced by Penicillium funiculosum PF8/403 IMI SD 101	350 U/ml
28	Endo-1,3(4)-beta-glucanase EC 3.2.1.6 produced by Penicillium funiculo sum PF8/403 IMI SD 101	2 000 U/g
	Endo-1,4-beta-xylanase EC 3.2.1.8 produced by Penicillium funiculosum PF8/403 IMI SD 101	1 400 U/g
29	Endo-1,3(4)-beta-glucanase EC 3.2.1.6 produced by Penicillium funiculo sum IMI SD 101, Trichoderma longibrachiatum CBS 526.94, Trichoderma longibrachiatum CNCM MA 6 10-W	13 000 U/g
30	Endo-1,3(4)-beta-glucanase EC 3.2.1.6 produced by <i>Trichoderma longi brachiatum</i> ATCC SD 2106	100 U/g
	Endo-1,4-beta-xylanase EC 3.2.1.8 produced by Trichoderma longibrachia tum ATCC SD 2105, Trichoderma longibrachiatum ATCC SD 2106 and Trichoderma koningii IMI SD 135	300 U/g
	Bacillolysin EC 3.4.24.28 produced by <i>Bacillus subtilis</i> ATCC SD 2107 and <i>Bacillus amyloliquefaciens</i> DSM 9554	800 U/g
31	Endo-1,3(4)-beta-glucanase EC 3.2.1.6 produced by	200 U/ml

Item	Active constituent(s)	Activity units per gram (g) or per millilitre (ml)
	Trichoderma longi brachiatum ATCC SD 2106	
32	Endo-1,3(4)-beta-glucanase EC 3.2.1.6 produced by <i>Trichoderma longi brachiatum</i> ATCC SD 2106	100 U/g
	Endo-1,4-beta-xylanase EC 3.2.1.8 produced by Trichoderma longibrachia tum ATCC SD 2105, Trichoderma longibrachiatum ATCC SD 2106 and Trichoderma koningii IMI SD 135	2 500 U/g
	Bacillolysin EC 3.4.24.28 produced by <i>Bacillus subtilis</i> ATCC SD 2107 and <i>Bacillus amyloliquefaciens</i> DSM 9554	800 U/g
33	Endo-1,3(4)-beta-glucanase EC 3.2.1.6 produced by <i>Trichoderma longi brachiatum</i> ATCC SD 2106	50 U/ml
	Endo-1,4-beta-xylanase EC 3.2.1.8 produced by <i>Trichoderma longibrachia tum</i> ATCC SD 2105	5 000 U/ml
34	Endo-1,3(4)-beta-glucanase EC 3.2.1.6 produced by <i>Trichoderma longi brachiatum</i> ATCC SD 2106	80 U/g
	Endo-1,4-beta-xylanase EC 3.2.1.8 produced by Trichoderma longibrachia tum ATCC SD 2105, Trichoderma longibrachiatum ATCC SD 2106 and Trichoderma koningii IMI SD 135	180 U/g
35	Endo-1,3(4)-beta-glucanase EC 3.2.1.6 produced by <i>Trichoderma longi brachiatum</i> ATCC SD 2106	160 U/ml
36	Endo-1,3(4)-beta-glucanase EC 3.2.1.6 produced by <i>Trichoderma longi brachiatum</i> ATCC SD 2106	150 U/g
	Endo-1,4-beta-xylanase EC 3.2.1.8 produced by	1 500 U/g

Item	Active constituent(s)	Activity units per gram (g) or per millilitre (ml)
	Trichoderma longibrachia tum ATCC SD 2106 and Trichoderma koningii IMI SD 135	
	Polygalacturonase EC 3.2.1.15 produced by <i>Aspergillus aculeatus</i> CBS 589.94	50 U/g
	Alpha-amylase EC 3.2.1.1 produced by <i>Bacillus</i> amyloliquefaciens DSM 9553	500 U/g
	Bacillolysin EC 3.4.24.28 produced by <i>Bacillus</i> amyloliquefaciens DSM 9554	800 U/g
37	Endo-1,3(4)-beta-glucanase EC 3.2.1.6 produced by <i>Trichoderma longi brachiatum</i> CBS 526.94	
	Mixed with a cereal based carrier (F)	10 000 BU/g
	Powder and granulate (P)	10 000 BU/g
	Liquid	50 000 BU/ml
38	Endo-1,3(4)-beta-glucanase EC 3.2.1.6 produced by <i>Trichoderma longi brachiatum</i> CBS 357.94	
	Endo-1,4-beta-xylanase EC 3.2.1.8 produced by <i>Trichoderma longibrachia tum</i> CBS 357.94	
	Powder	8 000 BGU/g (glucanase)
		11 000 EXU/g (xylanase)
	Liquid	2 000 BGU/ml (glucanase)
		2 750 EXU/ml (xylanase)
39	Endo-1,3(4)-beta-glucanase EC 3.2.1.6 produced by Trichoderma longi brachiatum CBS 526.94 and Trichoderma longibrachiatum CNCM MA 6 10-W	12 000 U/ml
40	Endo-1,3(4)-beta-glucanase EC 3.2.1.6 produced by	250 U/g

Item	Active constituent(s)	Activity units per gram (g) or per millilitre (ml)
	Trichoderma longi brachiatum ATCC SD 2106	
	Endo-1,4-beta-xylanase EC 3.2.1.8 produced by Trichoderma longibrachia tum ATCC SD 2105, Trichoderma longibrachiatum ATCC SD 2106 and Trichoderma koningii IMI SD 135	400 U/g
	Alpha-amylase EC 3.2.1.1 produced by <i>Bacillus</i> amyloliquefaciens DSM 9553	1 000 U/g
	Glucan-1,4-alpha-glucosidase EC 3.2.1.3 produced by Aspergillus niger ATCC SD 108	4 U/g
41	Endo-1,3(4)-beta-glucanase EC 3.2.1.6 produced by <i>Trichoderma longi brachiatum</i> ATCC SD 2106	250 U/g
	Endo-1,4-beta-xylanase EC 3.2.1.8 produced by Trichoderma longibrachia tum ATCC SD 2105, Trichoderma longibrachiatum ATCC SD 2106 and Trichoderma koningii IMI SD 135	400 U/g
	Alpha-amylase EC 3.2.1.1 produced by <i>Bacillus</i> amyloliquefaciens DSM 9553	1 000 U/g
	Bacillolysin EC 3.4.24.28 produced by <i>Bacillus subtilis</i> ATCC SD 2107	500 U/g
	Glucan-1, 4-alpha-glucosidase EC 3.2.1.3 produced by <i>Aspergillus niger</i> ATCC SD 2108	4 U/g
42	Endo-1,3(4)-beta-glucanase EC 3.2.1.6 produced by <i>Trichoderma longi brachiatum</i> ATCC SD 2106	400 U/g
	Endo-1,4-beta-xylanase EC 3.2.1.8 produced by Trichoderma longibrachia tum ATCC SD 2105, Trichoderma longibrachiatum ATCC	400 U/g

Item	Active constituent(s)	Activity units per gram (g) or per millilitre (ml)
	SD 2106 and <i>Trichoderma</i> koningii IMI SD 135	
43	Endo-1,3(4)-beta-glucanase EC 3.2.1.6 produced by <i>Trichoderma longi brachiatum</i> ATCC SD 2106	1 000 U/ml
44	Endo-1,3(4)-beta-glucanase EC 3.2.1.6 produced by <i>Trichoderma longi brachiatum</i> ATCC SD 2106	400 U/g
	Endo-1,4-beta-xylanase EC 3.2.1.8 produced by Trichoderma longibrachia tum ATCC SD 2106 and Trichoderma koningii IMI SD 135	400 U/g
	Polygalacturonase EC 3.2.1.15 produced by <i>Aspergillus aculeatus</i> CBS 589.94	50 U/g
45	Endo-1,3(4)-beta-glucanase EC 3.2.1.6 produced by <i>Trichoderma longi brachiatum</i> ATCC SD 2106	250 U/g
	Endo-1,4-beta-xylanase EC 3.2.1.8 produced by Trichoderma longibrachia tum ATCC SD 2106 and Trichoderma koningii IMI SD 135	400 U/g
	Alpha-amylase EC 3.2.1.1 produced by <i>Bacillus</i> amyloliquefaciens DSM 9553	1 000 U/g
	Glucan-1,4-alpha-glucosidase EC 3.2.1.3 produced by <i>Aspergillus niger</i> ATCC SD 2108	4 U/g
46	Endo-1,3(4)-beta-glucanase EC 3.2.1.6 produced by <i>Trichoderma longi brachiatum</i> ATCC SD 2106	150 U/g
	Endo-1,4-beta-xylanase EC 3.2.1.8 produced by <i>Trichoderma longibrachia</i> <i>tum</i> ATCC SD 2106 and	4 000 U/g

Item	Active constituent(s)	Activity units per gram (g) or per millilitre (ml)
	Trichoderma koningii IMI SD 135	
	Alpha-amylase EC 3.2.1.1 produced by <i>Bacillus</i> amyloliquefaciens DSM 9553	1 000 U/g
	Polygalacturonase EC 3.2.1.15 produced by <i>Aspergillus aculeatus</i> CBS 589.94	25 U/g
47	Endo-1,3(4)-beta-glucanase EC 3.2.1.6 produced by <i>Trichoderma longi brachiatum</i> CNCM MA 6 10-W	14 000 U/ml
48	Endo-1,3(4)-beta-glucanase EC 3.2.1.6 produced by <i>Trichoderma longi brachiatum</i> CNCM MA 6 10-W	70 000 U/g
49	Endo-1,3(4)-beta-glucanase EC 3.2.1.6 produced by <i>Trichoderma viride</i> CBS 517.94	
	Powder (P)	650 U/g
	Liquid (L)	325 U/ml
50	Endo-1,3(4)-beta-glucanase EC 3.2.1.6 produced <i>Trichoderma longibrachia tum</i> ATCC SD 2106	1 200 U/ml
51	Endo-1,4-beta-xylanase EC 3.2.1.8 produced by Aspergillus niger CBS 270.95	
	Solid	28 000 EXU/g
	Liquid	14 000 EXU/ml
52	Endo-1,4-beta-xylanase EC 3.2.1.8 produced by Aspergillus oryzae DSM 10287	
	Coated (CT)	1 000 FXU/g
	Liquid (L)	650 FXU/ml
53	Endo-1,4-beta-xylanase EC 3.2.1.8 produced by Aspergillus oryzae DSM 10288	
	Coated (CT)	400 FXU/g
	Liquid (L)	275 FXU/ml

Item	Active constituent(s)	Activity units per gram (g) or per millilitre (ml)
54	Endo-1,4-beta-xylanase EC 3.2.1.8 produced by <i>Humicola insolens</i> DSM 10442	
	Alpha-amylase EC 3.2.1.1 produced by <i>Bacillus</i> amyloliquefaciens DSM 9553	
	Coated (CT)	600 FXU/g (xylanase)
		50 KNU/g (amylase)
	Liquid (L)	300 FXU/ml (xylanase)
		25 KNU/ml (amylase)
55	Endo-1,4-beta-xylanase EC 3.2.1.8 produced by <i>Humicola insolens</i> DSM 10442	
	Cellulase (endo-1,4-beta-glucanase) EC 3.2.1.4 produced by <i>Humicola inso lens</i> DSM 10442	
	Coated (CT)	800 FXU/g (xylanase)
		75 FBG/g (glucanase)
	Micro granulate (MG)	800 FXU/g (xylanase)
		75 FBG/g (glucanase)
	Liquid (L)	550 FXU/ml (xylanase)
		50 FBG/ml (glucanase)
	Slurry (SL)	1 600 FXU/ml (xylanase)
		150 FBG/ml (glucanase)
56	Endo-1,4-beta-xylanase EC 3.2.1.8 produced by <i>Trichoderma koningii</i> IMI SD 135	
	Liquid	6 000 U/ml
	Solid	3 000 U/g
57	Endo-1,4-beta-xylanase EC 3.2.1.8 produced by <i>Trichoderma longibrachia</i> <i>tum</i> ATCC SD 2105 and <i>Trichoderma koningii</i> IMI SD 135	2 500 U/g

Item	Active constituent(s)	Activity units per gram (g) or per millilitre (ml)
	Bacillolysin EC 3.4.24.28 produced by <i>Bacillus subtilis</i> ATCC SD 2107 and <i>Bacillus amyloliquefaciens</i> DSM 9554	800 U/g
58	Endo-1,4-beta-xylanase EC 3.2.1.8 produced by <i>Trichoderma longibrachia tum</i> ATCC SD 2105	5 000 U/ml
59	Endo-1,4-beta-xylanase EC 3.2.1.8 produced by Trichoderma longibrachia tum ATCC SD 2105 and Trichoderma koningii IMI SD 135	300 U/g
	Bacillolysin EC 3.4.24.28 produced by <i>Bacillus subtilis</i> ATCC SD 2107 and <i>Bacillus amyloliquefaciens</i> DSM 9554	4 000 U/g
	Alpha-amylase EC 3.2.1.1 produced by <i>Bacillus</i> amyloliquefaciens DSM 9553	400 U/g
	Polygalacturonase EC 3.2.1.15 produced by <i>Aspergillus</i> aculeatus CBS 589.94	25 U/g
60	Endo-1,4-beta-xylanase EC 3.2.1.8 produced by Trichoderma longibrachia tum ATCC SD 2105 and Trichoderma koningii IMI SD 135	2 000 U/g
61	Endo-1,4-beta-xylanase EC 3.2.1.8 produced by <i>Trichoderma longibrachia tum</i> ATCC SD 2105	4 000 U/ml
62	Endo-1,4-beta-xylanase EC 3.2.1.8 produced by Trichoderma longibrachia tum ATCC SD 2105 and Trichoderma koningii IMI SD 135	2 750 U/g
	Bacillolysin EC 3.4.24.28 produced by <i>Bacillus subtilis</i> ATCC SD 2107 and <i>Bacillus amyloliquefaciens</i> DSM 9554	5 000 U/g

Item	Active constituent(s)	Activity units per gram (g) or per millilitre (ml)
63	Endo-1,4-beta-xylanase EC 3.2.1.8 produced by Trichoderma longibrachia tum ATCC SD 13631, Trichoderma longibrachiatum CBS 529.94, Trichoderma longibrachiatum CNCM MA 6 10-W and Penicillium funiculosum IMI SD 101	8 800 U/g
	Endo-1,3(4)-beta-glucanase EC 3.2.1.6 produced by Penicillium funiculo sum IMI SD 101, Trichoderma longibrachiatum CBS 526.94, Trichoderma longibrachiatum CNCM MA 6 10-W and Trichoderma longibrachiatum ATCC SD 13631	8 000 U/g
64	Endo-1,4-beta-xylanase EC 3.2.1.8 produced by <i>Trichoderma longibrachia tum</i> CBS 529.94	
	Endo-1,3(4)-beta-glucanase EC 3.2.1.6 produced by <i>Trichoderma longi brachiatum</i> CBS 526.94	
	Mixed with a cereal based carrier (F)	10 000 BXU/g (xylanase)
	currier (r)	10 000 BU/g (glucanase)
	Powder and granulate (P)	10 000 BXU/g (xylanase)
		10 000 BU/g (glucanase)
	Liquid	30 000 BXU/ml (xylanase)
		30 000 BU/ml (glucanase)
65	Endo-1,4-beta-xylanase EC 3.2.1.8 produced by <i>Trichoderma longibrachia tum</i> MUCL 39203	
	Liquid	1 500 AXCU/ml
	Powder	1 500 AXCU/g
66	Endo-1,4-beta-xylanase EC 3.2.1.8 produced by <i>Trichoderma longibrachia tum</i> MUCL 39203	6 000 AXCU/g

Item	Active constituent(s)	Activity units per gram (g) or per millilitre (ml)
67	Endo-1,4-beta-xylanase EC 3.2.1.8 produced by <i>Trichoderma longibrachia tum</i> CBS 592.94	
	Coated (CT)	400 FXU/g
	Liquid (L)	275 FXU/ml
68	Endo-1,4-beta-xylanase EC 3.2.1.8 produced by Trichoderma longibrachia tum ATCC SD 13631, Trichoderma longibrachiatum CBS 529.94 and Trichoderma longibrachiatum CNCM MA 6 10-W and Penicillium funiculosum IMI SD 101	8 000 U/g
	Endo-1,3(4)-beta-glucanase EC 3.2.1.6 produced by Penicillium funiculo sum IMI SD 101, Trichoderma longibrachiatum CBS 526.94 and Trichoderma longibrachiatum CNCM MA 6 10-W and Trichoderma longibrachiatum ATCC SD 13631	8 000 U/g
69	Endo-1,4-beta-xylanase EC 3.2.1.8 produced by Trichoderma longibrachia tum CBS 529.94 and Trichoderma longibrachiatum CNCM MA 6 10-W	12 450 U/ml
	Endo-1,3(4)-beta-glucanase EC 3.2.1.6 produced by Trichoderma longi brachiatum CBS 526.94 and Trichoderma longibrachiatum CNCM MA 6 10-W	10 600 U/ml
70	Endo-1,4-beta-xylanase EC 3.2.1.8 produced by Trichoderma longibrachia tum ATCC SD 13631, Trichoderma longibrachiatum CBS 529.94, Trichoderma longibrachiatum CNCM MA 6 10-W and Penicillium funiculosum IMI SD 101	40 000 U/g

Item	Active constituent(s)	Activity units per gram (g) or per millilitre (ml)
	Endo-1,3(4)-beta-glucanase EC 3.2.1.6 produced by Penicillium funiculo sum IMI SD 101, Trichoderma longibrachiatum CBS 526.94 and Trichoderma longibrachiatum CNCM MA 6 10-W and Trichoderma longibrachiatum ATCC SD 13631	40 000 U/g
71	Endo-1,4-beta-xylanase EC 3.2.1.8 produced by <i>Trichoderma longibrachia tum</i> ATCC SD 2105	4 000 U/ml
72	Endo-1,4-beta-xylanase EC 3.2.1.8 produced by <i>Trichoderma longibrachia</i> tum ATCC SD 2105 and <i>Trichoderma koningii</i> IMI SD 135	5 000 U/g
	Bacillolysin EC 3.4.24.28 produced by <i>Bacillus subtilis</i> ATCC SD 2107	500 U/g
73	Endo-1,4-beta-xylanase EC 3.2.1.8 produced by <i>Trichoderma longibrachia tum</i> ATCC SD 2105	10 000 U/ml
74	Endo-1,4-beta-xylanase EC 3.2.1.8 produced by <i>Trichoderma longibrachia tum</i> MUCL 39203	
	Liquid	500 AXCU/ml
	Solid	2 000 AXCU/g
75	Endo-1,4-beta-xylanase EC 3.2.1.8 produced by <i>Trichoderma longibrachia tum</i> CNCM MA 6 10-W	
	Liquid	7 000 U/ml
	Solid	70 000 U/g
76	Endo-1,4-beta-xylanase EC 3.2.1.8 produced by Trichoderma longibrachia tum ATCC SD 13631, Trichoderma longibrachiatum CBS 529.94, Trichoderma longibrachiatum	15 000 U/g

Item	Active constituent(s)	Activity units per gram (g) or per millilitre (ml)
	CNCM MA 6 10-W and <i>Penicillium funiculosum</i> IMI SD 101	
	Endo-1,3(4)-beta-glucanase EC 3.2.1.6 produced by Penicillium funiculo sum IMI SD 101, Trichoderma longibrachiatum CBS 526.94, Trichoderma longibrachiatum CNCM MA 6 10-W and Trichoderma longibrachiatum ATCC SD 13631	11 000 U/g
77	Endo-1,4-beta-xylanase EC 3.2.1.8 produced by Trichoderma longibrachia tum ATCC SD 13631, Trichoderma longibrachiatum CBS 529.94, Trichoderma longibrachiatum CNCM MA 6 10-W and Penicillium funiculosum IMI SD 101	17 000 U/g
	Endo-1,3(4)-beta-glucanase EC 3.2.1.6 produced by Penicillium funiculo sum IMI SD 101, Trichoderma longibrachiatum CBS 526.94, Trichoderma longibrachiatum CNCM MA 6 10-W and Trichoderma longibrachiatum ATCC SD 13631	12 000 U/g
78	Endo-1,4-beta-xylanase EC 3.2.1.8 produced by <i>Trichoderma longibrachia tum</i> CBS 529.94, and <i>Trichoderma</i> <i>longibrachiatum</i> CNCM MA 6 10-W	22 000 U/ml
	Endo-1,3(4)-beta-glucanase EC 3.2.1.6 produced by Trichoderma longi brachiatum CBS 526.94 and Trichoderma longibrachiatum CNCM MA 6 10-W	15 000 U/ml
79	Endo-1,4-beta-xylanase EC 3.2.1.8 produced by Trichoderma longibrachia tum ATCC SD 13631, Trichoderma longibrachiatum CBS 529.94, Trichoderma longibrachiatum	17 000 U/g

Item	Active constituent(s)	Activity units per gram (g) or per millilitre (ml)
	CNCM MA 6 10-W and Penicillium funiculosum IMI SD 101	
	Endo-1,3(4)-beta-glucanase EC 3.2.1.6 produced by <i>Penicillium funiculo sum</i> IMI SD 101, <i>Trichoderma longibrachiatum</i> CBS 526.94, <i>Trichoderma longibrachiatum</i> CNCM MA 6 10-W and <i>Trichoderma longibrachiatum</i> ATCC SD 13631	11 000 U/g
80	Endo-1,4-beta-xylanase EC 3.2.1.8 produced by Trichoderma longibrachia tum ATCC SD 13631, Trichoderma longibrachiatum CBS 529.94, Trichoderma longibrachiatum CNCM MA 6 10-W and Penicillium funiculosum IMI SD 101	55 000 U/g
	Endo-1,3(4)-beta-glucanase EC 3.2.1.6 produced by Penicillium funiculo sum IMI SD 101, Trichoderma longibrachiatum CBS 526.94, Trichoderma longibrachiatum CNCM MA 6 10-W and Trichoderma longibrachiatum ATCC SD 13631	40 000 U/g
81	Endo-1,4-beta-xylanase EC 3.2.1.8 produced by Trichoderma longibrachia tum CBS 529.94 and Trichoderma longibrachiatum CNCM MA 6 10-W	16 500 U/ml
	Endo-1,3(4)-beta-glucanase EC 3.2.1.6 produced by Trichoderma longi brachiatum CBS 526.94 and Trichoderma longibrachiatum CNCM MA 6 10-W	11 250 U/ml
82	Endo-1,4-beta-xylanase EC 3.2.1.8 produced by Trichoderma longibrachia tum ATCC 13631, Trichoderma longibrachiatum CBS 529.94, Trichoderma longibrachiatum	4 250 U/g

Item	Active constituent(s)	Activity units per gram (g) or per millilitre (ml)
	CNCM MA 6 10-W and Penicillium funiculosum IMI SD 101	
	Endo-1,3(4)-beta-glucanase EC 3.2.1.6 produced by Penicillium funiculo sum IMI SD 101, Trichoderma longibrachiatum CBS 526.94, Trichoderma longibrachiatum CNCM MA 6 10-W and Trichoderma longibrachiatum ATCC SD 13631	2 750 U/g
83	Endo-1,4-beta-xylanase EC 3.2.1.8 produced by Trichoderma longibrachia tum ATCC SD 2105 and Trichoderma koningii IMI SD 135	4 000 U/g
84	Endo-1,4-beta-xylanase EC 3.2.1.8 produced by <i>Trichoderma longibrachia tum</i> ATCC SD 2105	8 000 U/ml
85	Exo-1,4-beta-xylosidase EC 3.2.1.37 produced by Aspergillus niger CBS 520.94	
	Powder (P)	600 U/g
	Liquid (L)	300 U/ml
86	Subtilisin EC 3.4.21.62 produced by <i>Bacillus licheniformis</i> DSM 9552	
	Coated (CT)	3.0 AU/g
	Micro granulate (MG)	1.5 AU/g
	Liquid (L)	2.8 AU/ml

SECTION B. MICRO-ORGANISMS

Item	Active constituent(s)	Colony-Forming Units (CFU) per gram (g)
1	Bacillus cereus CIP 5832/ ATCC 14893	10 ¹⁰ CFU/g
2	<i>Bacillus subtili</i> s CNCM MA 66/4M	0.2×10^{10} CFU/g

Item	Active constituent(s)	Colony-Forming Units (CFU) per gram (g)
	Bacillus subtili s CNCM MA 23/3V	0.4×10 ¹⁰ CFU/g
3	Enterococcus faecium 202 DSM 4788/ATCC 53519	1×10^8 CFU/g
	Enterococcus faecium 301 DSM 4789/ATCC 55593	1×10^8 CFU/g
4	Enterococcus faecium Cernelle 68 NCIMB 10415	1×10^{10} CFU/g
5	Enterococcus faecium M 74 NCIMB 11181/DSM 5464	1×10^{10} CFU/g
6	Enterococcus faecium M74 NCIMB 11181	
	— L-400 spray	400×10 ⁹ CFU/g
	— L-50	50×10 ⁹ CFU/g
	— L-50 caps	50×10 ⁹ CFU/g
	— L-10	10×10 ⁹ CFU/g
	— L-05	5×10 ⁹ CFU/g
7	Lactobacillus casei spp. casei NCIMB 30096	2×10 ⁹ CFU/g
	Enterococcus faecium NCIMB 30098	6×10 ⁹ CFU/g
8	Lactobacillus reuteri ATCC 53608	10 ⁷ CFU/g
9	Lactobacillus reuteri ATCC 55149	10 ⁷ CFU/g
10	Lactobacillus reuteri ATCC 55148	10 ⁷ CFU/g
11	Pediococcus acidilactici CNCM MA 28/6B	10^6 — 10^7 CFU/g
	Lactobacillus reuteri (L. fermentum) CNCM MA 28/6E-g	10^4 — 10^5 CFU/g
	Lactobacillus reuteri (atypical casei) CNCM MA 28/6U-g	10^5CFU/g
	<i>Lactobacillus brevis</i> CNCM MA 28/6R-p	10 ⁵ CFU/g
	Lactobacillus plantarum CNCM MA 40/5B-p	10^5 — 10^6 CFU/g

Item	Active constituent(s)	Colony-Forming Units (CFU) per gram (g)
12	Pediococcus acidilactici CNCM MA 18/5M	10 ¹⁰ CFU/g
13	Saccharomyces cerevisiae CNCM I-1077	min. 20×10 ⁹ CFU/g
14	Saccharomyces cerevisiae CNCM I-1079	min. 20×10 ⁹ CFU/g
15	Saccharomyces cerevisiae ¹⁰²⁶ CBS 493.94	10 ⁸ CFU/g
16	Saccharomyces cerevisiae Sc 47 NCYC Sc 47	min. 5×10 ⁹ CFU/g

SCHEDULE 2

Regulation 8

PROVISIONS TO BE SUBSTITUTED FOR PART II OF SCHEDULE 6 TO THE FEEDING STUFFS REGULATIONS 1995

PART II

CATEGORIES OF INGREDIENTS FOR USE IN RELATION TO COMPOUND FEEDING STUFFS FOR ANIMALS OTHER THAN PETS

Description of the Category	Definition
1. Cereal grains	The whole of the grain from all cereal types (including buck-wheat) regardless of their presentation, but from which no fraction other than hulls has been removed
2. Cereal grain products and by-products	Fractional products and by-products of cereal grains other than oils included in category 14
	These products and by-products shall contain not more than 25% fibre in the dry matter
3. Oil seeds	The whole of the seed or fruit from all types of oil seeds and oil fruits regardless of their presentation, but from which no fractions other than hulls or shells have been removed
4. Oil seed products and by-products	Fractional products and by-products of oil seeds and oil fruits other than oils and fats included in category 14
	These products and by-products shall contain not more than 25% fibre in the dry matter unless they contain more than 5% oils and fats

Description of the Category	Definition
	in the dry matter, or more than 15% protein in the dry matter
5. Products and by-products of legume seeds	Whole and fractional products and by-products of legume seeds other than leguminous oil seeds included in categories 3 and 4
	The products and by-products shall contain not more than 25% fibre in the dry matter
6. Products and by-products of tubers and roots	Products and by-products derived from tubers and roots other than sugar beet included in category 7
	These products and by-products shall contain not more than 25% fibre in the dry matter
7. Products and by-products of sugar production	Products and by-products of sugar beet and sugar cane
	These products and by-products shall contain not more than 25% fibre in the dry matter
8. Products and by-products of fruit processing	Products and by-products of fruit processing
	These products and by-products shall not contain more than 25% fibre in the dry matter, unless they contain more than 5% oils and fats in the dry matter, or more than 15% protein in the dry matter
9. Dried forages	Aerial parts of forage plants, cut while green, artificially or naturally dried
	These products shall contain not more than 25% fibre in the dry matter unless they contain more than 15% protein in the dry matter
10. High fibre materials	Feed ingredients containing more than 25% fibre in the dry matter, such as straw, hulls and chaff, other than products included in categories 5, 6 and 9
11. Milk products	Products derived from the processing of milk, other than separated milk fats included in category 14
12. Fish products	Whole or part of fish and other cold blooded marine animals, including products from fish processing other than fish oil and its derivations included in category 14. Also excluding products containing more than 50% ash in the dry matter included in category 13
13. Minerals	Inorganic or organic materials containing more than 50% ash in the dry matter other

Description of the Category	Definition
	than materials containing more than 5% of ash insoluble in hydrochloric acid in the dry matter
14. Oil and fats	Oils and fats from animal and vegetable sources, and their derivatives
15. Products from the bakery and pasta industries	Waste and surplus materials from the bakery and pasta industries

EXPLANATORY NOTE

(This note is not part of the Regulations)

These Regulations further amend the Feeding Stuffs Regulations 1995 ("the principal Regulations") and extend to Great Britain.

The Regulations implement—

- (a) Article 6 of Council Directive 93/113/EEC concerning the use and marketing of enzymes, micro-organisms and their preparations in animal nutrition (OJ No. L334, 31.12.93, p. 17), and
- (b) Commission Directive 97/47/EC amending the Annexes to Council Directives 77/101/EEC, 79/373/EEC and 91/357/EEC (OJ No. L211, 5.8.97, p. 45).

The Regulations—

- (a) introduce additional labelling requirements for straight and compound feeding stuffs intended for animals other than pets, (applicable to feeding stuffs containing protein derived from mammalian tissue) the nature of the requirements being determined by whether or not the feeding stuff concerned contains mammalian meat and bone meal (regulation 6, as read with regulations 3 and 4);
- (b) amend regulation 14 in the principal Regulations (control of added substances contained in feeding stuffs), in relation to additives which are enzymes and micro-organisms, by—
 - (i) removing the provisions as regards identification notes and dossiers contained in paragraphs (2) and (3) of that regulation respectively, and
 - (ii) amending paragraph (1)(c) by specifying in the form of a list which enzymes and micro-organisms may lawfully be the subject of the activities regulated in paragraph (1) (regulation 5, as read with Schedule 1); and
- (c) amend Part II of Schedule 6 to the principal Regulations (as read with paragraph 12 of Schedule 1 to those Regulations) by deleting the category "land animal products", with the result that, in the case of compound feeding stuffs for animals other than pets, ingredients within that category must now be declared by name in the seller's statutory statement—the option of declaring them as unspecified ingredients falling into that category being removed, (regulation 8 as read with Schedule 2).