

SCOTTISH STATUTORY INSTRUMENTS

2009 No. 447

The Action Programme for Nitrate Vulnerable Zones (Scotland) Amendment Regulations 2009

Amendment of Schedule 1

8.—(1) Schedule 1 (calculation of nitrogen (“N”) in livestock manure) is amended as follows.

(2) Omit the heading “Calculation of nitrogen (‘N’) in livestock manure” and substitute “Calculation of nitrogen (‘N’) and phosphate (‘P₂O₅’) in livestock manure”.

(3) For Table 1, substitute—

“Table 1

Standards for the volume of excreta, nitrogen and phosphate in manure produced by livestock

<i>Pigs</i>	<i>Daily Excreta (litres per animal/day)</i>	<i>Daily Nitrogen production (grams per animal/day)</i>	<i>Daily Phosphate production (grams per animal/day)</i>
Weight			
From 7 to 13kg	1.3	4.1	1.3
From 13 to 31kg	2.0	14.2	6.0
From 31 to 66kg—			
Dry fed	3.7	24	12.1
Liquid fed	7.1	24	12.1
From 66kg and—			
intended for slaughter—			
dry fed	5.1	33	17.9
liquid fed	10.0	33	17.9
sow intended for breeding that has not yet had its first litter (maiden gilt)	5.6	38	20.0
sow (including litter up to 7kg) fed on a diet supplemented with synthetic amino acids	10.9	44	37.0
sow (including litter up to 7kg) fed on a diet without synthetic amino acids	10.9	49	37.0
Breeding boar from 66kg up to 150kg	5.1	33	17.9

Status: This is the original version (as it was originally made). This item of legislation is currently only available in its original format.

<i>Pigs</i>	<i>Daily Excreta (litres per animal/day)</i>	<i>Daily Nitrogen production (grams per animal/day)</i>	<i>Daily Phosphate production (grams per animal/day)</i>
Breeding boar, from 150kg	8.7	48	28.0
<i>Cattle</i>	<i>Daily Excreta (litres per animal/day)</i>	<i>Daily Nitrogen production (grams per animal/day)</i>	<i>Daily Phosphate production (grams per animal/day)</i>
Calf (all categories) up to 3 months	7.0	23	12.7
Dairy cow			
From 3 months up to 13 months	20	95	34
From 13 months up to first calf	40	167	69
After first calf and—			
annual milk yield more than 9000 litres	64	315	142
annual milk yield between 6000 to 9000 litres	53	276	121
annual milk yield less than 6000 litres	42	211	93
Beef cows or steers ^(a)			
From 3 up to 13 months	20	91	33
From 13 up to 25 months	26	137	43
Over 25 months—			
Females or steers for slaughter	32	137	60
Females for breeding—			
weighing 500kg or less	32	167	65
weighing more than 500kg	45	227	86
Bulls			
non-breeding, 3 months and over	26	148	24
Breeding			
From 3 up to 25 months	26	137	43
Over 25 months	26	132	60

(a) Castrated males.

Status: This is the original version (as it was originally made). This item of legislation is currently only available in its original format.

<i>Sheep</i>	<i>Daily Excreta (litres per animal/day)</i>	<i>Daily Nitrogen production (grams per animal/day)</i>	<i>Daily Phosphate production (grams per animal/day)</i>
From 6 months up to 9 months old	1.8	5.5	0.76
From 9 months old to first lambing, first tugging or slaughter	1.8	3.9	2.1
After lambing or tugging ^(a)			
weight up to 60kg	3.3	21	8.8
weight over 60kg	5.0	33	10

(a) In the case of a ewe, this figure includes one or more suckled lambs until the lambs are aged six months.

<i>Goats, deer and horses</i>	<i>Daily Excreta (litres per animal/day)</i>	<i>Daily Nitrogen production (grams per animal/day)</i>	<i>Daily Phosphate production (grams per animal/day)</i>
Goat	3.5	41	18.8
Deer			
Breeding	5.0	42	17.6
Other	3.5	33	11.7
Horse	24	58	56
<i>Poultry</i>	<i>Daily Excreta^(a) (kilograms per bird/day)</i>	<i>Daily Nitrogen production (grams per bird/day)</i>	<i>Daily Phosphate production (grams per bird/day)</i>
Laying chicken			
up to 17 weeks	0.04	0.64	0.47
17 weeks and over (caged)	0.12	1.13	1.0
17 weeks and over (free range)	0.12	1.5	1.1
Broiler chicken (table)	0.06	1.06	0.72
Broiler chicken (breeder)—			
up to 25 weeks	0.04	0.86	0.78
25 weeks and over	0.12	2.02	1.5
Turkey			
Male	0.16	3.74	3.1
Female	0.12	2.83	2.3
Duck	0.10	2.48	2.4

(a) This figure includes litter as appropriate.

Status: This is the original version (as it was originally made). This item of legislation is currently only available in its original format.

<i>Poultry</i>	<i>Daily Excreta^(a) (kilograms per bird/day)</i>	<i>Daily Nitrogen production (grams per bird/day)</i>	<i>Daily Phosphate production (grams per bird/day)</i>
Ostrich	1.6	3.83	18.5”.

(a) This figure includes litter as appropriate.