

Fertilisation Account

Year: _____

For Northern Ireland farmers on the requirements of the Nitrates Directive Derogation from the livestock manure limit of 170kg Nitrogen per hectare per year.



Department of
**Agriculture and
Rural Development**

www.dardni.gov.uk



**Northern Ireland
Environment
Agency**

www.ni-environment.gov.uk

This is an example of a fertilisation account. However a farmer can present the information in other formats if preferred.

The fertilisation account for every farm operating under a derogation must be prepared and submitted to the Northern Ireland Environment Agency (NIEA) by 1 March for the previous calendar year.

To assist in the completion of the fertilisation account, please refer the Derogation Guidance Booklet pages 48 to 54.

1 Area of crops

(Farm map from previous year's fertilisation plan noting crop areas.)

Crop Grown	Area Grown (ha)	N Requirement Kg/ha
Grassland		
Spring Barley		
Winter Barley		
Spring Wheat		
Winter Wheat		
Maize		
Potatoes		
Spring oats		
Winter oats		
Winter oilseed rape		
Spring oilseed rape		

2 Livestock numbers

(Livestock numbers from previous year's fertilisation plan.)

Stock type as per fertilisation plan	Average number for previous year
Dairy Cows	
Dairy heifer (over 2 years)	
Dairy heifer (1-2 years)	
Breeding bull	
Dairy cattle (0-1 year)	
Heifer calves (6-12 months)	
Heifer calves (0-6 months)	
Suckler cows	
Cattle (over 2 years)	
Cattle (1-2 years)	
Breeding bull	
Bull beef (0-13 months)	
Beef cattle (0-1 year)	
Bull beef (6-13 months)	
Calves (6-12 months)	
Calves (0-6 months)	
Ewe over 1 year	
Ram over 1 year	

Stock Type as per fertilisation plan	Average number for previous year
Lamb (0-1 year)*	
Lamb (6-12 months)*	
Lamb (0-6 months)*	
Broilers (1000s)	
Broiler breeders (0-18 wks)	
Broiler breeders (18-60 wks)	
Broiler breeders (0-60 wks)	
Pullets (1000s)	
Layers (1000s)	
Male turkeys (1000s)	
Female turkeys (1000s)	
Fattening ducks (1000s)	
Breeding Sows	
Boars	
Maiden Gilts	
Pigs (18-35kg)	
Pigs (18-105kg)	
Pigs (35-105kg)	
Other	

* if keeping calves/lambs for part year use either 0-6 or 6-12 month categories.

3 Imported and exported organic manures (from previous year's fertilisation plan)

Slurry type	Imported volume (m ³)	Exported volume (m ³)
Beef cattle slurry – 2%DM		
Beef cattle slurry – 6%DM		
Beef cattle slurry – 10%DM		
Dairy cattle slurry – 2%DM		
Dairy cattle slurry – 6%DM		
Dairy cattle slurry – 10%DM		
Pig slurry – 2%DM		
Pig slurry – 4%DM		
Pig slurry – 6%DM		
Separated Slurry		
Other (including N and P content)*		

Manure type	Imported quantity (tonnes)	Exported quantity (tonnes)
Broiler/Turkey manure – 60%DM		
Cattle FYM – 25% DM		
Duck manure – 25% DM		
Layer manure – 30% DM		
Pig FYM – 25% DM		
Other (including N and P content)*		

* Manure type and N and P content of organic manures, excluding livestock manure, must also be provided in accordance with the Waste Management Licensing Regulations (NI) 2003.

4 Chemical fertiliser details

The tonnage and N and P content of all chemical fertiliser stocks on 1 January and 31 December. The tonnage and N and P content of chemical fertiliser imported in and exported off the farm during the calendar year.

Chemical fertilisers 1 January (held from previous year)

Fertiliser type for example 25:5:5	Quantity (tonnes)

Chemical fertilisers (purchased/imported and sold/exported)

Date	NPK Content	Amount purchased or imported on to farm (tonnes)	Amount sold or exported off farm (tonnes)

Chemical fertilisers 31 December (not used during year and held for following year)

Fertiliser type for example 25:5:5	Quantity (tonnes)

5 Dirty water management

How is your dirty water managed?

Stored with slurry

☐

Stored separately

☐

If other please specify

6 Agricultural products that contain P imported on and exported off the farm

List any agricultural products containing P that are imported on to and/or exported off the farm.

Agricultural products containing P	Amount imported on to farm (please state units kg, t or l)	Amount exported off farm (please state units kg, t or l)
Concentrates		
Cattle		
Milk		
Sheep		
Wool		
Pigs		
Poultry		
Eggs		
Potatoes		
Oats		
Barley		
Wheat		
Straw		
Silage		
Hay		

Agricultural products containing P	Amount imported on to farm (please state units kg, t or l)	Amount exported off farm (please state units kg, t or l)
Chemical Fertiliser		
* Other		

Notes

Inputs include: P in chemical fertiliser (quantity and P content)

P in feedstuffs (quantity and P content)

P in any organic manure imported onto farm (quantity and P content)

Outputs include: P in produce, e.g. meat, milk, crops

P exported in organic manures (quantity and P content)

P balance for each calendar year =
$$\frac{\text{inputs} - \text{outputs}}{\text{agricultural area}}$$

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