4f. Tillage Manure Application Method

Considering the total farmyard manure / slurry applied on the farm in the past 12 months, please indicate the approximate percentage applied on **TILLAGE** land using the following methods?

Please ensure that the boxes in each line equal 100% when added together.

	Broadcast		Bandspread			TOTAL
	Splashplate (Slurry)	Manure Spreader (Farmyard Manure)		Dribble Bar	Trailing shoe	
Not incorporated						1 0 0 %
Incorporated **within approximately 4 hours** of application						1 0 0 %
Incorporated **after 4 hours** of application						1 0 0 %

4g. Tillage Manure Application Period

Considering the methods used for manure application as indicated in 4f, please state the approximate percentage applied on **TILLAGE** land in either Spring Summer or Autumn?

If a method is used, Spring + Summer + Autumn = 100%

Broadcast		Spring	Summer	Autumn	Total
Not incorporated	Splashplate (Slurry)				1 0 0 %
	Manure Spreader (Farmyard Manure)				1 0 0 %
Incorporated **within approximately 4 hours** of application	Splashplate (Slurry)				1 0 0 %
	Manure Spreader (Farmyard Manure)				1 0 0 %
Incorporated **after 4 hours** of application	Splashplate (Slurry)				1 0 0 %
	Manure Spreader (Farmyard Manure)				1 0 0 %
Bandspread					
Dribble Bar	Slurry				1 0 0 %
Trailing shoe	Slurry				1 0 0 %

Section 5: Measuring Response Burden

In order to measure the burden on respondents completing CSO surveys, please state approximately how many minutes it took you to complete this questionnaire?

Section 6: Declaration

I certify that the information given on this form is correct to the best of my knowledge.

Signature
(Please keep within the white box)

Date: Day / Month / Year

Day-time contact telephone number

Eircode

E-mail

Thank you for taking the time to complete this survey

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Section 1: Cattle Housing

1a. Dairy Cows

How many places did you have available for wintering **dairy cows** in the last 12 months?

	Places
Loose Housing - Solid Floor	
Loose Housing - Slatted Floor	
Floor Cubicle Housing - Solid Floor	
Cubicle Housing - Slatted Floor	
Outwintering Pads	
Other Housing	

(please specify type of other housing)

	Day	Month	Year
Turn out date	/	/	
Turn in date	/	/	

1b. Other Cattle

How many places did you have available for wintering **other cattle** in the last 12 months?

	Places
Loose Housing - Solid Floor	
Loose Housing - Slatted Floor	
Floor Cubicle Housing - Solid Floor	
Cubicle Housing - Slatted Floor	
Outwintering Pads	
Other Housing	

(please specify type of other housing)

	Day	Month	Year
Turn out date	/	/	
Turn in date	/	/	

Section 2: Pig Housing

2a. Breeding Sows

How many places did you have available for **breeding sows** in the last 12 months?

	Places
Partially slatted	
Completely Slatted	
Deep Litter Housing Straw Beds	
Outdoors (Free Range)	
Other Housing	

(please specify type of other housing)

2b. Other Pigs

How many places did you have available for other pigs in the last 12 months?

	Places
Partially slatted	
Completely Slatted	
Deep Litter Housing Straw Beds	
Outdoors (Free Range)	
Other Housing	

(please specify type of other housing)

Section 3: Poultry Housing - Laying Hens

How many places were available in each of the following housing systems for **laying hens** in the last 12 months?

Cages with	Places		Places
(i) Deep Pit		Deep Litter Housing	
(ii) Stilt House		Outdoors (Free Range)	
(iii) Manure Belt		Other Housing	

(please specify type of other housing)

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Section 4: Manure and Chemical Fertiliser Management

Complete section 4a only if Manure (including imported manure) has been applied on your farm in the past 12 months

4a. Application Area

Areas below are given in **Hectares** ☐ **or** **Acres** ☐

(i) Area of your farm on which slurry was applied in the past 12 months? ☐☐☐☐.☐☐

(ii) Area of your farm on which farmyard manure was applied in the past 12 months? ☐☐☐☐.☐☐

(iii) Area of your farm on which chemical fertiliser was applied in the past 12 months? ☐☐☐☐.☐☐

(iv) Area of your farm on which poultry litter was applied in the past 12 months? ☐☐☐☐.☐☐

(v) Area of your farm on which other farmyard manure was applied in the past 12 months? ☐☐☐☐.☐☐

4b. Storage Capacity

Considering the total farmyard manure / slurry **produced** on the farm in the past 12 months, please indicate the approximate number of weeks each storage facility can store without runoff risk

	Weeks		Weeks
Slurry pits (below animal confinment)		Farmyard manure, stored in heaps	
Slurry storage (outside e.g. lagoons)		Other facilities	
Deep litter systems			

4c. Storage Facilities

Considering the total farmyard manure / slurry **stored** on the farm in the past 12 months, please indicate the approximate percentage of manure stored in each of the following

Farmyard Manure		Slurry				TOTAL
Heaps	Deep litter systems	Without cover	With cover	Other facilities	Applied on farmland within 24 hours	
☐☐☐%	☐☐☐%	☐☐☐%	☐☐☐%	☐☐☐%	☐☐☐%	100%

4d. Grassland Manure Application Method

Considering the total farmyard manure / slurry applied on the farm in the past 12 months, please indicate, the approximate percentage applied on **GRASSLAND** using the following methods

Broadcast		Bandspread		Injection		TOTAL
Splashplate (Slurry)	Manure Spreader (Farmyard Manure)	Dribble Bar	Trailing shoe	Shallow / open slot		
☐☐☐%	☐☐☐%	☐☐☐%	☐☐☐%	☐☐☐%	=	100%

4e. Grassland Manure Application Period

Considering the methods used for manure application as indicated in 4d, please state the approximate percentage applied on **GRASSLAND** in either Spring Summer or Autumn?

If a method is used, Spring + Summer + Autumn = 100%

	Spring	Summer	Autumn	Total
Broadcast				
Splashplate (Slurry)	☐☐☐	☐☐☐	☐☐☐	= 100%
Manure Spreader (Farmyard Manure)	☐☐☐	☐☐☐	☐☐☐	= 100%
Bandspread				
Dribble Bar	☐☐☐	☐☐☐	☐☐☐	= 100%
Trailing shoe	☐☐☐	☐☐☐	☐☐☐	= 100%
Injection				
Shallow / open slot	☐☐☐	☐☐☐	☐☐☐	= 100%

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