Slurries and manures: land required for spreading & storage capacities

England & Wales

Manor Ground Farm Manure Plan 2025

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Phone number: 07563394806 Farm holding number: 1

Date of report: 11 Apr 2025 Phone number: 07967985902

Address: Manor Ground Farm

Orleton SY84JA Ludlow

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Overview totals

Total area of farm	110 ha
Total area of farm in NVZ	110 ha
Total nitrogen from livestock	17,570 kg N
Total nitrogen from imports/exports	0 kg N
Total quantity of nitrogen	17,570 kg N
N loading over total area of farm	159.73 kg N/ha
Total spreadable area	105 ha
Total quantity of organic (250 kgN/ha) that can be applied to spreadable area	26,250 kg N
Total nitrogen limit for loading 170 kgN/ha	18,700 kg N
Minimum hectares required to meet N farm limit 170 kg N/ha	103.35 ha
Additional land required to meet farm limit of 170 kg N/ha	0 ha
or	
Quantity of total organic N to export to meet farm limit of 170 kg N/ha	0 kg N
Total nitrogen limit with derogation of 250 kgN/ha	27,500 kg N
Area required to meet N farm limit 250 kg N/ha	70.28 ha
Additional land required to meet farm limit with derogation of 250 kg N/ha	0 ha
or	
Amount of organic N to export to meet farm limit with derogation of 250 kg N/ha	0 kg N





Farm info

Total farm area	110 ha
Total farm area in NVZ	110 ha
% of farm in NVZ	100 %
Net spreading area	105 ha
Area of grassland	0 ha
Percentage of grassland	0 %

Farm information (optional)

There is no information to display.



Farm soils

Sandy or shallow soils	0 %
All other soils	100 %



		Мо	onths	Excreta	collected as	Calculated r	nitrogen
Туре	Number	On farm	Housed	Slurry	Manure	kg.N/Unit	kg.N
1 calf (all categories) up to 2 months Cattle	50	-	12	-	100 %	1.4	70
1 beef cow or steer from 12 months & less than 24 months Cattle	250	12	12	-	100 %	50	12,500
1 female or steer for slaughter 24 months & over Cattle	100	12	12	-	100 %	50	5,000



Livestock totals

Collected	Imported/Exported	Total to spread
0 m ³	0 m ³	0 m ³
0 m ³	0 m ³	0 m ³
4,160.7 tonnes	0 tonnes	4,160.7 tonnes
0 tonnes	0 tonnes	0 tonnes
0 tonnes	0 tonnes	0 tonnes
0 tonnes	0 tonnes	0 tonnes
0 tonnes	0 tonnes	0 tonnes
	0 m ³ 0 m ³ 4,160.7 tonnes 0 tonnes 0 tonnes	0 m³ 0 m³ 0 m³ 0 m³ 4,160.7 tonnes 0 tonnes 0 tonnes 0 tonnes 0 tonnes 0 tonnes 0 tonnes 0 tonnes



Rainfall

Region: Midlands Average: 5 months

Month	mm
October	108.6
November	106.6
December	128.7
January	123.6
February	87.6

M M	Parlour washings
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Do you do parlour washings?

Slurry separator

Do you operate a separator?



Hard surface areas

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Surface area of uncovered slurry stores	0 m^2
Surface area of roofs that are not separately drained	0 m ²

Areas that drain into slurry stores

Surface area of open yards	450 m ²
Surface area of silage clamps	0 m ²



Storage capacity totals

Storage of organic manures - slurry includes pig and cattle.

Monthly volume of slurry produced 0 m³/month Volume reduced by slurry separator per month 0 m³/month Average monthly volume of rain entering slurry stores 50 m³/month Monthly volume of wash water entering slurry stores 0 m³/month Total monthly diluted slurry volume 50 m³/month Number of month storage required 0 months Total volume of storage required 0 m³ Extra storage required for slurry 0 m³ Storage of organic manures - poultry manures Units Monthly volume of poultry manure produced 0 m³/month Number of month storage required 0 months Total volume of storage required 0 months Total volume of storage required 0 months Total volume of storage required 0 m³ Free standing quantity stored on temporary field sites 0 m³ Total existing poultry manure storage capacity 0 m³	Storage of organic manures - slurry	Units
Average monthly volume of rain entering slurry stores Monthly volume of wash water entering slurry stores Total monthly diluted slurry volume So m³/month Number of month storage required Total volume of storage required Total existing slurry storage capacity Total existing slurry storage capacity Storage of organic manures - poultry manures Monthly volume of poultry manure produced Number of month storage required Total volume of storage required Total volume of sorage required Total volume of poultry manure produced Total volume of storage required Total volume of storage required	Monthly volume of slurry produced	0 m ³ /month
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Total existing slurry storage capacity 0 m³ Extra storage required for slurry 0 m³ Storage of organic manures - poultry manures Units Monthly volume of poultry manure produced 0 m³/month Number of month storage required 0 months Total volume of storage required 0 m³ Free standing quantity stored on temporary field sites 0 m³	Number of month storage required	0 months
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Monthly volume of poultry manure produced 0 m³/month Number of month storage required 0 months Total volume of storage required 0 m³ Free standing quantity stored on temporary field sites 0 m³		
Number of month storage required 0 months Total volume of storage required 0 m³ Free standing quantity stored on temporary field sites 0 m³	Storage of organic manures - poultry manures	Units
Total volume of storage required 0 m ³ Free standing quantity stored on temporary field sites 0 m ³	Monthly volume of poultry manure produced	0 m ³ /month
Free standing quantity stored on temporary field sites 0 m ³	Number of month storage required	0 months
	Total volume of storage required	0 m ³
Total existing poultry manure storage capacity 0 m ³	Free standing quantity stored on temporary field sites	0 m ³
	Total existing poultry manure storage capacity	0 m ³
Extra storage capacity required for poultry manure 0 m ³	Extra storage capacity required for poultry manure	0 m ³



Imported (0)

There is no information to display.



Exported (0)

There is no information to display.



Storage capacity totals (after Imports and Exports)

Slurry	Units
Imported during closed period	0 m ³
Exported during closed period	0 m ³
Balance imported/exported during closed period	0 m ³
Total storage required after imports/exports	0 m ³
Existing storage capacity	0 m ³
Extra storage required	0 m ³
Poultry manure	Units
Poultry manure Imported during closed period	Units
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Imported during closed period	0 m ³
Imported during closed period Exported during closed period	0 m ³
Imported during closed period Exported during closed period Balance imported/exported during closed period	0 m ³ 0 m ³
Imported during closed period Exported during closed period Balance imported/exported during closed period Total storage required after imports/exports	0 m ³ 0 m ³ 0 m ³ 0 m ³