

## Manure Management Plan - 250 kg/ha

### Step 1 : Map

Prepare a map of the farm using a system such as colour coding to identify areas where manure must not be spread (eg with 10m of watercourses); where spreading is possible but with some restrictions; and areas where spreading can be carried out throughout the year.

### Step 2 : Area Available

From the details identified on the map, estimate the total areas available for spreading.

What	Where	Spreadable Area	When - Identify Restrictions
Non-spreading Areas	Fields where manure would not normally be spread; non-farmed fields, woodlands or fields simply too far away from the farm buildings.	n/a	DO NOT SPREAD
Water	Any ditches, watercourses and ponds. Also springs, wells or boreholes where water is used for human consumption and farm dairies, including any on neighbouring land close to the farm boundary	n/a	DO NOT SPREAD
Don't Spread Areas	Areas where manure shouldn't be spread. At least 10m either side of all ditches and watercourses; 50m around springs, wells and boreholes; steep slopes with a high risk of run-off throughout the year; and Environmentally Sensitive Areas, SSSI's, or other land subject to management agreements.	n/a	DO NOT SPREAD
High Risk Areas	Fields next to a watercourse, spring or borehole with soil at field capacity with moderate slope or slowly permeable soil; where soil depth over fissured rock is less than 30cm; with effective pipe or field drains.		
Very High Risk Areas	Fields likely to flood sometime in most winters; next to a watercourse, spring or borehole; where surface is severely compacted, waterlogged or have a steep slope and the soil is a field capacity, has a moderate slope and slowly permeable soil.		
Low Risk Areas	All other areas not already marked		
Total Spreadable Area Available :		0	

**Step 3 : Area Required**

Calculate the area required for spreading based on stock numbers and housing period

<b>RUMINANTS</b>				
Stock Unit	No of Stock Units	Months Housed	Hectares needed By Stock Unit	Total Area Needed (Ha)
Cow (650 kg)			0.039	
Cow (550 kg)			0.032	
Cow (450 kg)			0.025	
Heifer 2 year + (500 kg)			0.019	
Youngstock 1-2 yr (400 kg)			0.016	
Youngstock 6-12 mths			0.008	
Calf			0.005	
Bull			0.019	
Sheep			0.003	
Lamb (up to 6 months)			0.001	
Lamb (6-12 months)			0.002	
			<b>Total Area Required</b>	0.00

<b>PIGS</b>			
Type	Number of pigs	Land area/pig 250 Kg/ha	Total area required
Maiden Gilts		0.052	
Breeding Sows & Boars		0.080	
Weaners 4 – 8 weeks		0.013	
Growers 8 – 12 weeks		0.025	
Finishers over 12 weeks		0.042	
			<b>Total Area</b>
			0.00

If land area available is greater than land area required, plan is complete.

If land area required is greater than land area available, alternative action will be required to export the manure or secure additional land for spreading the manure.

**NVZs**

Producers who are in NVZs and already have manure management plans in place should not need to complete this plan template in addition as the existing plan should fulfil the assurance scheme

For producers in an NVZ but who do not have a manure management plan at present, the details within