



**GLOBAL
FARM
METRIC**

**PRACTICAL ELEMENTS OF THE
GFM ASSESSMENT**

**FIELD SURVEY
RESULTS**



1. Level of Water Pollution – Freshwater Invertebrate Survey

Using the method outlined in the field survey guide, record the listed species observed in your ponds, lakes, rivers or streams.

Name of sampled water body (e.g. Pond 1)	Site Location (postcode/OS grid ref/ GPS)
Date of survey	Weather conditions (precipitation, sun, wind etc.)
Time of survey	

Type of invertebrate	Is species observed in sampled water body? (Y/N)
Caddisfly larvae	
Dragonfly larvae	
Damselfly larvae	
Alderfly larvae	
Mayfly larvae	
Water beetles (adults and larvae)	
Water bugs (water boatman, water scorpions, water stick insect)	
Pond skaters	
Water shrimp	
Water slaters (water hoglice)	
Worm-like animals	
Water snails	
Other (<i>please specify</i>)	



2. Level of Air Pollution — Lichen Survey

Use the method outlined in the field survey guide to score and record the relative amount of each indicator lichen species on your selected trees.

Date of survey	Site location (postcode/OS grid ref/ GPS)
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Indicator lichen species	Amount of each indicator lichen on the trunk of each tree (0, 1, 2 or 3)				
	<i>Example</i>	Tree 1	Tree 2	Tree 3	Tree 4
<i>Nitrogen-sensitive</i>					
Usnea	<i>0</i>				
Evernia	<i>0</i>				
Hypogymnia	<i>1</i>				
<i>Intermediate</i>					
Melanelixia	<i>1</i>				
Flavoparmelia	<i>2</i>				
Parmelia	<i>1</i>				
<i>Nitrogen-loving</i>					
Leafy Xanthoria	<i>2</i>				
Cushion Xanthoria	<i>1</i>				
Physcia	<i>3</i>				



3. Habitat Health — Bird Surveys

For each identified habitat type covering >5% of your land, conduct a 30-minute bird survey. Record the species present in each habitat in the table below and on the next page. If you are conducting more than two surveys, re-print the results table

Date of survey	Method used to complete survey (sound app, visual ID)
Time of survey	Weather conditions (precipitation, sun, wind etc.)
Habitat type <input type="checkbox"/> Agricultural <input type="checkbox"/> Upland <input type="checkbox"/> Woodland <input type="checkbox"/> Wetland/Aquatic <input type="checkbox"/> Other (please specify)	

Species	Observed (✓)	Species	Observed (✓)	Species	Observed (✓)
Barn owl		Grey wagtail		Redwing	
Blackbird		Heron		Reed bunting	
Blue tit		Herring gull		Robin	
Bullfinch		House sparrow		Rook	
Buzzard		Jackdaw		Skylark	
Canada goose		Jay		Snipe	
Carrion crow		Kestrel		Song thrush	
Chaffinch		Lapwing		Sparrowhawk	
Coal tit		Linnet		Starling	
Collard dove		Long-tailed tit		Stock dove	
Common gull		Magpie		Teal	
Coot		Mallard		Tree sparrow	
Corn bunting		Meadow pipet		Woodpigeon	
Dunnock		Mistle thrush		Wren	
Egret (little)		Moorhen		Yellowhammer	
Fieldfare		Mute swan		Other (please specify)	
Goldfinch		Nuthatch			
Great spotted woodpecker		Pheasant			
Great tit		Pied wagtail			
Green woodpecker		Raven			
Greenfinch		Red kite			
Grey partridge		Red-legged partridge			



3. Habitat Health — Bird Surveys

Repeat the 30-minute bird survey for your other identified habitats.

Date of survey	Method used to complete survey (sound app, visual ID)
Time of survey	Weather conditions (precipitation, sun, wind etc.)
Habitat type <input type="checkbox"/> Agricultural <input type="checkbox"/> Upland <input type="checkbox"/> Woodland <input type="checkbox"/> Wetland/Aquatic <input type="checkbox"/> Other (please specify)	

Species	Observed (✓)	Species	Observed (✓)	Species	Observed (✓)
Barn owl		Grey wagtail		Redwing	
Blackbird		Heron		Reed bunting	
Blue tit		Herring gull		Robin	
Bullfinch		House sparrow		Rook	
Buzzard		Jackdaw		Skylark	
Canada goose		Jay		Snipe	
Carrion crow		Kestrel		Song thrush	
Chaffinch		Lapwing		Sparrowhawk	
Coal tit		Linnet		Starling	
Collard dove		Long-tailed tit		Stock dove	
Common gull		Magpie		Teal	
Coot		Mallard		Tree sparrow	
Corn bunting		Meadow pipet		Woodpigeon	
Dunnock		Mistle thrush		Wren	
Egret (little)		Moorhen		Yellowhammer	
Fieldfare		Mute swan		Other (please specify)	
Goldfinch		Nuthatch			
Great spotted woodpecker		Pheasant			
Great tit		Pied wagtail			
Green woodpecker		Raven			
Greenfinch		Red kite			
Grey partridge		Red-legged partridge			



4. Soil Structure and Biology – VESS Assessment and Earthworm Count

Choose three fields that are typical of your farm (e.g. representing different soil types, enterprises or management approaches) and outline them below.

	Field 1	Field 2	Field 3
Name			
Land use			

Using the instructions in the field survey guide, take five soil samples from each field. Note the VESS Score (Visual Evaluation of Soil Structure) for each sample and the number of earthworms.

Sample Number	Field 1		Field 2		Field 3	
	VESS Score	Number of earthworms	VESS Score	Number of earthworms	VESS Score	Number of earthworms
Sample 1						
Sample 2						
Sample 3						
<i>(Optional)</i> Sample 4						
<i>(Optional)</i> Sample 5						



6. Germination Success

For your dominant sown crop (arable or horticultural species covering the biggest area), use the method outlined in the field survey guide to count the total plant number per meter row of crop and record in the table below. These numbers will be used to calculate germination rates.

Date of survey	Field name
Crop Type	Row Spacing (cm)

Sample Number	Total plant number per meter row of crop
Sample 1	
Sample 2	
Sample 3	
Sample 4	
Sample 5	
Sample 6	
Sample 7	
Sample 8	
Sample 9	
Sample 10	