



FP Farmer ID:

Date:

Total Score: ___ / 100

Plot Number:

Surveyor:

(A+B+C)

(to be used on all grasslands on, or partly on, peat soils (even if they are not wet) and also on wet grasslands on non-peat soils)

*circle the correct score. Eg: **0.8**

In Turlough:

Yes

No

Dominant Soil Type:

Peat

Mineral

Dominant Habitat Type:

Marsh

Fen

Wet Grassland

Improved Agricultural Grassland

A. Ecological Integrity

Score: ___ / 40

Tick the **positive** indicators that occur.

- | | | | | | |
|---|-----------------------|--|-----------------------|---|-----------------------|
| 1. Bedstraws (small) and Stitchworts | <input type="radio"/> | 12. *Marsh Cinquefoil | <input type="radio"/> | 23. Selfheal or Bugle | <input type="radio"/> |
| 2. Birdsfoot Trefoil (Common & Greater) | <input type="radio"/> | 13. *Marsh Marigold | <input type="radio"/> | 24. *Sphagnum or Branched mosses | <input type="radio"/> |
| 3.*Devilsbit Scabious | <input type="radio"/> | 14. *Marsh Pennywort | <input type="radio"/> | 25. Sorrel (Sheep or Common) | <input type="radio"/> |
| 4.Eyebrights (all) | <input type="radio"/> | 15. *Marsh Thistle or Meadow Thistle | <input type="radio"/> | 26. Tormentil (Common & English) | <input type="radio"/> |
| 5.*Forget-me-nots (all) | <input type="radio"/> | 16.*Meadowsweet | <input type="radio"/> | 27.*Umbels large (Angelica, Valerian, Hogweed) | <input type="radio"/> |
| 6.Heathers (all), total cover in grassland habitat <25% | <input type="radio"/> | 17. *Mints (all) or Purple Loosetrife | <input type="radio"/> | 28. Umbels small (Pignut, Yarrow & Wild carrot) | <input type="radio"/> |
| 7.Knapweeds (Common & Greater) | <input type="radio"/> | 18. Orchids (all) | <input type="radio"/> | 29. Vetches/vetchlings | <input type="radio"/> |
| 8.Lady's Mantle | <input type="radio"/> | 19. Ox-eye daisy | <input type="radio"/> | 30. Violets (all), Harebell | <input type="radio"/> |
| 9.*Lady's Smock | <input type="radio"/> | 20.*Ragged robin | <input type="radio"/> | 31. *Yellow Flag (iris) | <input type="radio"/> |
| 10.*Lesser Spearwort | <input type="radio"/> | 21.Rushes small (woodrush, spike rush, heath rush) | <input type="radio"/> | 32. Yellow-rattle | <input type="radio"/> |
| 11.*Louseworts (Common & Marsh) | <input type="radio"/> | 22. *Sedges (all) | <input type="radio"/> | 33. Yellow composites (Cats Ears, Hawkweeds, Hawkbits, Goats-beard) <i>not dandelion.</i> | <input type="radio"/> |

A.1

How many **positive** indicators present in the plot?

low 0 - 4 0	medium 5 - 8 3	high 9 - 12 5	very high >12 10
-----------------------	--------------------------	-------------------------	----------------------------

A.2

What is the combined cover of **positive** species throughout the plot?

Low: Positive indicators not very visible and hard to find. 0	Moderate: Positive indicators every few steps. 3	High: Positive indicator every step. 5	Very high: a number of positive indicators every step. 10
--	---	---	--



A.3

What is the combined cover of **negative** indicators/weeds throughout the plot? Please tick any that apply.

Rye Grass Docks Ragwort Nettles Thistles (Creeping and Spear) Tillage/arable crops Wild bird cover

>50%

25 - 50%

5 - 25%

0 - 5%

-15

-10

-5

0

A.4 (i)

What is the vegetation structure in grasslands which are primarily used for grazing?

Poor

Most of plot (>75%) has either tall or short sward; intermediate sward absent or confined to small patches. Few flowering plants. Dead plant litter may be abundant throughout.

0

Moderate.

25-50% of plot has tall and/or short sward with occasional to frequent intermediate patches

10

Good.

>50% of plot with sward having variety of taller and /or shorter sward with intermediate height sward throughout.

20

OR

A.4 (ii)

For plot closed off for hay/silage or recently topped.

Poor

No margin, field topped right up to field boundary line. No aftermath grazing. Little or no variation in sward height.

0

Moderate

Narrow field margins present (~1m). Low number of flowering plants and vegetation structure within the field margin poor to moderate. Some aftermath grazing providing some structural variation

10

Good

Wide field margins present (2m+) and or good headlands. Aftermath grazing takes place providing variations in height of sward; sward does not look uniform in appearance

20

A.5

Suitable Marsh Fritillary Habitat Present in primarily grazed grassland

Numerous patches or majority of field with Devilsbit Scabious

Yes

No

B. Hydrological Integrity (Carbon Capture)

Score: __ / 50

B.1

Wetness as indicated by cover of wetland indicators. Total cover of species marked with an * and in **bold** in A1. Also includes all rushes and Purple Moor-grass.

0 - 5%

6 - 25%

25 - 50%

50 - 75%

>75%

0

5

10

15

20

B.2

Artificial drainage features (include both internal and perimeter drains – natural and modified watercourses are excluded from assessment).

Functional

Drains predominantly free flowing (though may be dry at the time of survey), largely unvegetated and unblocked.

-15

Part-functional

Drains present but flow is predominantly impeded (by vegetation/dams)

0

Non-functional

Drains absent or present but non-functioning. No flow, highly vegetated and/or water level in drain <30cm from top of drain.

15



B.3

Water table level in drain (include both internal and perimeter drains – natural and modified watercourses are excluded from assessment). The assessment of effect of drain on plot gets more weighting).

<p>Poor Water level typically \geq 1m below drain surface. Drains having significant effect on water-table of plot.</p> <p style="text-align: center;">-15</p>	<p>Moderate Water level typically <1m but \geq30cm below drain surface. Drains having a moderate effect on water-table of plot.</p> <p style="text-align: center;">0</p>	<p>Good Water level typically < 30cm below surface of drain. Assume highest water table if no drains present. Drains having minor to no effect on water-table of plot.</p> <p style="text-align: center;">15</p>
---	--	---

C. Threats to site integrity

Score: __ / 10

C.1

What is the cover of encroaching, immature scrub?

Encroaching scrub can be brambles, seedlings, scrub and trees generally lower than 1.5m height. Do not include established scrub.

<p>>25% -20</p>	<p>11 - 25% -10</p>	<p>0 - 10% 0</p>
--------------------------------------	---------------------------------------	------------------------------------

C.2

What is the cover of bracken?

<p>>50% -20</p>	<p>11 - 50% -10</p>	<p>0 - 10% 0</p>
--------------------------------------	---------------------------------------	------------------------------------

C.3

What is the cover of non-native species within the plot (not including boundaries if boundary scored)?

Species may include Rhododendron, Japanese Knotweed, Giant Hogweed, Winter heliotrope, Fuchsia, Cherry laurel, Snowberry, Giant Rhubarb.

<p>High abundant, some dense clumps, many seedlings present</p> <p style="text-align: center;">-30</p>	<p>Moderate frequent, some flowering many seedlings present</p> <p style="text-align: center;">-20</p>	<p>Slight plants scattered and mostly small and not flowering</p> <p style="text-align: center;">-10</p>	<p>Absent</p> <p style="text-align: center;">0</p>
--	--	--	--



C.4

What is the extent of bare peat/soil? **if in turlough, assume "Moderate" is "Low"*

High	Moderate*	Low
Excessive areas of bare soil within the body of the field. Bare soil may also be extending out significantly from the main feed sites and/or water troughs, where poaching evident. Significant rutting and soil disturbance caused by vehicle/ tractor access.	Bare soil mainly along regularly used stock routes or congregation areas, with minor soil loss occurring at a few points. Bare soil may extend a short distance beyond the main feed site and/or water points. Minor rutting and soil disturbance caused by occasional vehicle/tractor access may be present.	Bare soil more or less restricted to regular stock paths, 'pinch' points & small congregation areas. No soil loss.
-20	-10	10

C.5

Is there any evidence of other damaging activities to vegetation or soil?

If yes, list in comments below. Examples may include dumping (organic/inorganic), pollution or damage to soil, active quarry/sand pit, inappropriate use of herbicide, litter, burning etc.

>50%	6 - 50%	<5%	None
-30	-20	-10	0

If Yes in C.5, Please list here: _____

Management Advice/ Comments: _____

