



## Grass Weed Herbicide Testing Application Form

|  |  |  |  |
|--|--|--|--|
| Farmer Name                                |  |  |  |
| Farmer address                             |  |  |  |
| Phone Number                               |  |  |  |
| Email                                      |  |  |  |
| Field Name                                 |  |  |  |
| Field GPS location                         |  |  |  |
| Weed species                               | Wild oats <input type="checkbox"/> sterile brome <input type="checkbox"/> soft brome <input type="checkbox"/> Great brome <input type="checkbox"/> RSMG <input type="checkbox"/> Canary grass <input type="checkbox"/><br>Black-grass <input type="checkbox"/> IRG <input type="checkbox"/> Perennial RG <input type="checkbox"/> Other: _____ |  |  |
| When was the weed 1 <sup>st</sup> noticed? |  |  |  |
| Where is the weed in the field?            | <b>Please choose;</b><br>Headlands <input type="checkbox"/><br>Through the field <input type="checkbox"/><br>In patches through the field <input type="checkbox"/>   |  |  |
| Current crop (Harvest 20)                  |  |  |  |
| Herbicides used in the current crop        | <b>Pre-emerge</b>  | <b>Post-emerge 1</b>   | <b>Post-emerge 2</b>   |
|  | Product name: _____<br>Product rate: _____<br>Date of application: _____   | Product name: _____<br>Product rate: _____<br>Date of application: _____ | Product name: _____<br>Product rate: _____<br>Date of application: _____ |
| Previous Crop (Harvest 19)                 |  |  |  |
| Herbicides used in the previous crop       | <b>Pre-emerge</b>  | <b>Post-emerge 1</b>   | <b>Post-emerge 2</b>   |
|  | Product name: _____<br>Product rate: _____<br>Date of application: _____   | Product name: _____<br>Product rate: _____<br>Date of application: _____ | Product name: _____<br>Product rate: _____<br>Date of application: _____ |
| Is herbicide resistance suspected?         | Yes <input type="checkbox"/><br>No <input type="checkbox"/>  |  |  |





## GRASS WEED SEED COLLECTION INSTRUCTIONS

### PROCEDURE

1. Fill out an information sheet on the reverse of this sheet. This information will allow a population(s) to be tracked over time. Use a plastic bag to collect the sample in the field.
2. Where weeds are seen in a field in only small numbers, walk all or most of the affected area of the field using the tramlines. Take samples periodically based on weeds present, and bulk together.
3. Isolated weed patches can be suspects of resistance so it is important to include them in the sampling process.
4. Sample diagonally in 2-3 different places across any given patch of weeds.
5. If weed numbers are in abundance across the field, sample the field via the tramlines as before but no need to walk all tramlines once a representative sample has been collected.
6. Samples must be harvested at a ripe stage ie; when the seeds are beginning to shed. The sample can be collected wet as long as they are dried soon after. (Eg: leave on a window sill wrapper in paper).
7. Put the seeds and information sheet in an envelope addressed to Jimmy Staples, ECT Project Advisor, Teagasc Oakpark, Co. Carlow **R93 XE12** or drop the sample to Oakpark reception.

### RESPONSIBILITIES:

- For smaller seeds (e.g. canary grass, black-grass) a cupful of seed is required and for larger seeds (e.g. Wild oats, sterile brome) a pint glass of seed is needed to carry out a definitive test.
- Make sure that samples are stored in a cool dry place.
- Weeds are properly identified.
- Do not mix seeds from other fields or species.

| Contact information               | Phone       | Email                     |
|-----------------------------------|-------------|---------------------------|
| <b>Advisor:</b> Jimmy Staples     | 087-7907758 | Jimmy.staples@teagasc.ie  |
| <b>Technician;</b> David Schilder | 059-9170239 | david.schilder@teagasc.ie |

