**Instructions for sending suspected herbicide resistant weeds for testing by AgResearch**

**AgResearch Ltd is currently offering FREE testing of seed (or live plants if necessary) from suspected resistant plants. This is a limited time opportunity while funding is available.**

**SEED/WEED SAMPLING AND DISPATCH INSTRUCTIONS**

1. Mature seed must be provided for the testing – seed would usually be collected just before harvest. Growers can provide seed from up to ten individual plants per weed species.
2. The seed from each individual plant should be placed into a separate labelled bag (paper or plastic ziplock) - one for each mother plant. The plants/seed should be collected well-spaced across the area/paddock of concern.
3. Bags should be labelled with weed species name, date collected and paddock name. All identifying information will be kept private. If possible a **latitude** and **longitude** is useful.
4. Live plants with root material (with loose soil removed) can be sent in too but you need to contact us first to arrange (Phone AgResearch on: 022 019 4048). No paper towel is needed. Do NOT wash or wet plants. Place the plants in a plastic bag. Keep in fridge until ready to post. Live plant samples should be sent by overnight courier on a Monday or Tuesday (not Thursday or Friday) to arrive on a weekday.
5. Depending on the amount of seed available AgResearch will test 1-6 herbicides at label rates to determine resistance. Percentage survival for each herbicide will be reported to the contact person (usually within 3-5 months).

**PLEASE COMPLETE ALL DETAILS FULLY**

|  |  |
| --- | --- |
| **Grower name:** | **Paddock name:** |
| **Name and address of farm & GPS in decimal degrees:** | |
| **Sampling rep name:** | **Grower mobile:** |
|  | **Sampling rep mobile:** |
| **Grower email:** | **Sampling rep email:** |
| **Farm R.O.P (optional):** | |
| **Resistance is suspected for what herbicide(s)?** | |
| **Test sample species\* (i.e. wild oats, ryegrass, phalaris)** | |
|  | |

**\*Note: Use one form per weed species**

**PADDOCK HISTORY OVER THE LAST 5 YEARS**

|  |  |  |
| --- | --- | --- |
| **Year** | **Herbicides applied** | **Crops (including variety name if ryegrass is the weed)** |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |

**CONTACT INFORMATION**

**Send form via email to**: [herbicide.resistance@agresearch.co.nz](mailto:herbicide.resistance@agresearch.co.nz)

**Courier sample to:** Attention: Chris Buddenhagen, AgResearch Ltd., 10 Bisley Road, Enderley, Hamilton 3214

**For further information:** Contact Chris Buddenhagen on: 022 019 4084