**Seed Analysis Request**

**Phone:** +61 (08) 9368 3721 **Email:** DDLS-STAC@dpird.wa.gov.au

**Please print all information**

|  |
| --- |
| **Part A: Full name, residential and postal address of person responsible for all charges** |

|  |  |  |  |
| --- | --- | --- | --- |
| Company name: |       | Contact name: |       |

|  |  |  |  |
| --- | --- | --- | --- |
| Residential address: |       | Postcode: |      |

|  |  |  |  |
| --- | --- | --- | --- |
| Postal address: |       | Postcode: |      |

|  |  |  |  |
| --- | --- | --- | --- |
| Phone: |       | E-mail: |       |

|  |  |  |  |
| --- | --- | --- | --- |
| Signature: |       | Date: |       |

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| **For additional copy(ies) of analysis certificate(s) please tick preferred method to receive certificate**(Note – cost of additional certificates to be paid by person receiving certificate) |

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| --- | --- | --- | --- |
| Full name: |       | E-mail: [ ]  |       |

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| Post: [ ]  |       |
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**Part B: Sample details –** Please see page 2 for test types and codes

|  |  |  |  |
| --- | --- | --- | --- |
|  | **Sample 1** | **Sample 2** | **Sample 3** |
| Tests required (insert code/s from page 2) |       |       |       |
| Kind of seed |       |       |       |
| Cultivar / Variety |       |       |       |
| Seed lot code / Sample ID |       |       |       |
| Mass of each container (kg) |       |       |       |
| Number of containers |       |       |       |
| Total mass of seed lot (kg) |       |       |       |
| Sampling date |       |       |       |
| Chemical Additives |       |       |       |

**Seed codes for testing**

Individual tests

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| J | Pure Seed Content |  | Q | Cucumber Mosaic Virus (CMV)\* (Lupin, Lentil, Chick pea) |
|  |  |  |  |  |  |
| K | Germination |  | R | Weed Seed Check |
|  |  |  |  |  |  |
| L | Vigour (Canola only) |  | S | Cultivar Id (Sub.clover)\*\* |
|  |  |  |  |  |  |
| M | Ryegrass Nematode |  | T | Soak Test (Imidazolinone Tolerance) |
|  |  |  |  |  |  |
| N | Seed Identification |  | U | Request for a BIC (Blue ISTA Certificate) For seed sample |
|  |  |  |  |  |  |
| O | 1000 Seed weight |  | V | Request for a OIC (Orange ISTA Certificate) For seed lot |
|  |  |  |  |  |  |
| P | Anthracnose (Lupin) |  | W | Other (Specify) |       |
|  |  |  |  |  |  |

Fungal Diseases

|  |  |  |  |
| --- | --- | --- | --- |
| F | Grey mould (Chick pea) | H | Chocolate Spot (Faba bean) |
|  |
| G | Black Spot (Pea) | I | Ascochyta Blight (Faba bean, Lentil, Chick pea) |
|  |

**Please note**:

\*CMV samples will be graded in the laboratory before testing. All other samples will be tested as received.

\*\*There are some indistinguishable varieties. For more details ring DDLS Seed Testing and Certification.

**Free delivery instructions**

Despatch samples in enclosed postal bag at any WA Post Office.

If not using the DDLS Seed Testing and Certification despatch bag, address your sample to:

DDLS Seed Testing and Certification
Department of Primary Industries and Regional Development
Reply Paid 83377
3 Baron-Hay Court

South Perth WA 6151

This form is available on the DDLS Seed Testing and Certification services web page [agric.wa.gov.au/DDLS-STAC](https://www.agric.wa.gov.au/plant-biosecurity/ddls-seed-testing-and-certification-services)

**Sampling**

Thorough sampling is required to ensure optimum value from testing.

Sampling can occur at a number of places.

(a) The seed stream as seed is being transferred to a silo, holding bin or into bags.

 (Equipment required: Sampling scoop (mug or ice-cream container).

(b) Silo or holding bin (Equipment required: Sampling spear that reaches the bottom of the seed container).

(c) Bags (Equipment required: Bag trier).

**Seed lot sizes**

The maximum seed lot size one sample can properly represent is:

* 10 tonnes for small seeded species, e.g. subclover, canola;
* 30 tonnes for cereals, chick peas, lupins, faba beans, lentils.

**Sampling Intensity**

When sampling seed from streams of seed entering bulk containers the following sampling intensity shall be regarded as the minimum requirement.

Up to 500 kg: At least five primary samples.

501–3,000 kg: One primary sample for each 300 kg, but not less than 5.

3,001–20,000 kg: One primary sample for each 500 kg, but not less than 10.

20,001 kg and above: One primary sample for each 700 kg, but not less than 40.

When sampling seed in bags (or other containers of uniform size) the following sampling intensity shall be regarded as the minimum requirement.

Up to 4 containers: Take 3 samples from each container.

5–8 containers: Take 2 samples from each container.

9–15 containers: Take 1 sample from each container.

16–30 containers: Take 15 samples total.

31–59 containers: Take 20 samples total.

60 or more containers: Take 30 samples total.

**Submitted sample**

(a) Thoroughly mix all the primary samples and divide into halves.

(b) Take one half and repeat the halving until you have the required amount (see table below).

**Guide weights for submitted samples**

|  |  |
| --- | --- |
| **Species for any or all tests except CMV and Anthracnose** | **Quantity (minimum)** |
| Cereals, lupins, chick peas, vetches, sorghum | 1kg |
| Coriander | 400g |
| Subclover, yellow serradella | 250g |
| Canola, ryegrasses, small clovers, French serradella | 100g |
| **Species for CMV and/or Anthracnose testing** | **Quantity (minimum)** |
| Narrowleaf lupin | 3kg |
| White (albus) lupin | 4kg |