



OSU Seed Lab
3291 SW Campus Way
Corvallis, OR 97331

Phone: 1-541-737-4464
Fax: 1-541-737-2126
Email: seedlab@oregonstate.edu

DATE RECEIVED/BY:

1. CUSTOMER INFORMATION **required information*

Business/Agency Name:	
Has your business or agency used the OSU Seed Lab before? Yes No Unsure	
*Contact person:	*Phone:
Email: <small>Please note, we cannot email test reports.</small>	Fax:
*Mailing Address:	Billing Address (if different):
OSU Dept and Index: <i>(internal customers only)</i>	

2. SAMPLE INFORMATION

See page 2 for more information.

***required information**

This form is not applicable to Hemp. Please use Hemp Seed Testing Order Form.

*Species/Crop:	Variety:
*Lot Number/Unique Identifier:	
*List any treatments/coatings: <i>(include a copy of the safety data sheet for each)</i>	
Additional information to include on test report:	

3. TESTS REQUESTED

Circle or highlight tests. See page 2 for more information.

Purity

Tests are conducted using AOSA rules. *This form is not for requesting ISTA testing.*

Purity	Crop & Weed	Soil Seed Bank	Soil Exam
UGS	Seed Identification	Seed Weight/1000 Seed Count	Other

Viability

Germination	Tetrazolium	Accelerated Aging	VFL
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Special Testing

****requires additional information, see page 2**

Ploidy	Moisture (NMR)	Protein (NMR)	Oil Content (NMR)	Clearfield® Bioassay
Endophyte	Moisture (Oven)	Cold	Conductivity	Axigen™ Bioassay
Blackleg	Black rot	PVY	Virus/Pathology**	Other

Tests Not Listed, Additional Testing Information, or Special Instructions:

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By submitting this form, you are agreeing to the charges and service fees for testing requested above, for the samples listed on pages 1 and 3 of this form. Invoices are issued on the 10th of each month for testing ordered in the previous month, and full payment is expected within 30 days of receipt of the invoice. If you wish to cancel or alter the tests requested, notification must be received by phone or email prior to test completion. In some cases it will not be possible to cancel testing once it has started. Cancellations are subject to a prorated testing charge and/or a cancellation fee. Additional hourly charges may apply for samples that require unique preparation or are highly contaminated. You will be notified before we continue with testing if more than an hour of additional charges is expected. Current fees can be found at: <https://seedlab.oregonstate.edu/fees>

LAB TEST #

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Submitting Your Sample:

- Prepare your sample by sealing it in a bag or envelope, taped closed as needed to prevent seeds from leaking from the top, bottom or corners. If you are requesting a moisture test, the sample must be sent in a moisture-proof container, such as a zip-top plastic bag or a vacuum-sealed bag.
- Label each sample with your name or company name, the crop name or species, and the lot number (or a unique identifier). Failure to include this information on each sample bag may result in testing delays.
- Include a copy of the *Seed Testing Order Form (Page 1)* inside the package alongside the samples. Please do not place the form inside the bag or envelope that contains your seeds, as this may lead to contamination.
- Ship or drop off the samples directly to the OSU Seed Lab:

OSU Seed Lab
3291 SW Campus Way
Corvallis, OR 97331

Sample Information:

Complete a form for each sample being sent to the lab for testing. Multiple samples can be submitted on the same form if most of the information is the same, using the template on Page 3.

Customers submitting **Industrial hemp** for testing should use the OSU Seed Lab *Hemp Seed Testing Order Form*.

In most cases, we can return any excess seed once all testing has completed. Indicate in the Additional Information box if you would like your seed returned to you. If you cannot pick up your sample from the lab, we will ship the seed to the address provided and shipping/handling charges will be added to your next invoice. You may instead include a pre-paid FedEx or UPS label, or list a FedEx or UPS account number to bill.

Requesting Tests:

The AOSA seed testing protocols are the standard procedures for domestic seed testing in the United States. They are the default procedures for the OSU Seed Lab unless otherwise requested by the customer. For more information, refer to their website at <https://www.analyzeseeds.com>

ISTA testing or certificates should not be requested using this form. Please contact the lab at seedlab@oregonstate.edu or visit <https://seedlab.oregonstate.edu/ista> for more information on ISTA testing.

Visit <https://seedlab.oregonstate.edu/testing-fees> for current prices.

For **virus and pathology** testing, list the pathogens or viruses you would like detected in the box labeled *Tests Not Listed, Additional Testing Information, or Special Instructions*. Contact seedlab@oregonstate.edu for bulk testing or uncommon virus/pathogens.

Use the box labeled *Tests Not Listed, Additional Testing Information, or Special Instructions* to describe a test request that is not listed elsewhere on the form, or to provide specific testing instructions or protocol

Brief description of common tests:

Purity— determines the percentage by weight of pure seed, other crop seeds, inert matter, and weed seeds in a sample. Include an all-states noxious weed exam, which lists any noxious weed seeds found in 25,000 seeds, based on Federal all-states noxious weed seed requirements

Crop & Weed— provides a listing of all species found in a sample (minimum 25,000 seeds) and categorizes them as crop seeds or weed seeds

Soil Exam— determines the percentage of soil particles in the working sample

Soil Seed Bank— lists any seeds found by kind and number in a 100g subsample of soil. see <https://seedlab.oregonstate.edu/soilbank>

Germination— physiological test to determine the percentage of live seeds that produce normal seedlings under favorable germination conditions. Includes a fluorescence test for ryegrasses (*Lolium spp.*) and an ammonia test for some fine fescues (*Festuca spp.*).

Tetrazolium— indicates the percentage of viable seeds in a sample regardless of dormancy level, based on *dehydrogenase* activity in the seeds

NMR Oil, Protein, Moisture— determines percentage of oil, protein, and moisture content using an electronic method (NMR)

Moisture— determines the percentage of moisture content in a sample using an oven method

Accelerated Aging Test (AAT), Cold, Conductivity— types of vigor tests. see <https://seedlab.oregonstate.edu/testing-vigor>

Virus, Pathogen— see <https://seedlab.oregonstate.edu/path>.

Endophyte— detects the presence of endophyte fungi (*Neotyphodium spp.*) in seeds. For leaves or straw, contact the OSU Endophyte Service lab. see <http://oregonstate.edu/endophyte-lab/>

Others— see <https://seedlab.oregonstate.edu/customized-testing>



Seed Testing Order Form

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4. ADDITIONAL SAMPLES

<i>Species/Crop Kind</i>	<i>Lot Number or Unique Identifier</i>	<i>Lab Test # To be filled out by lab</i>
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