



[Search Cornell](#)

New York State Seed Testing Laboratory

[HOME](#) [SEED LAB STAFF](#) [SERVICES](#) [NOXIOUS WEEDS](#) [FREQUENTLY ASKED QUESTIONS](#)

[LINKS](#) **[CONTACT US](#)**

Contact Us

Mail to:

New York State Seed Testing Laboratory
Department of Horticultural Sciences – Sturtevant Hall
New York State Agricultural Experiment Station
630 W. North Street, Geneva, NY14456

Call: 315-787-2242

Fax: 315-787-2216

Walk in:

Office hours:

8:00 – 12:00 & 1:00 – 5:00 p.m. Monday – Thursday

8:00 – 12:00 & 1:00 – 4:00 p.m. Friday

Note: A seed drop is located in the left front door of the entrance to Sturtevant Hall. Samples may be deposited here before or after office hours and on weekends.

[Map of Location](#)

New York State Seed Laboratory

Fee Schedule effective April 1, 2010

Agricultural, Flower, and Vegetable Seeds:

Purity	22.50
Germination	20.00

Native grasses (non-flowing):

Purity	65.00
Germination	20.00

Seed Mixture Purity & Separation Charge for Germination only samples (min. 1 hr):

Pasture	22.50/hr	(two components)
	Each additional component 9.00	
Turf grasses	30.00/hr	(two components)
	Each additional component 11.00	

Miscellaneous Tests and Procedures: (at additional cost)

All state noxious exam.....	10.00
Breakdown for snap beans.....	8.00
Cold Test: (rolled towel or soil method)	
Small seeded crops	23.00
Large seeded crops	27.00
Fax results	No charge
Germination of species without rules	2x rate of similar kind
Moisture test: (sample must be sent in moisture proof container)	
Electronic	6.50
Oven	21.50
RUSH (includes A.S.A.P.)	10.00 per sample
Sand germination of beet.....	20.00

Tetrazolium testing upon request
 Additional laboratory report..... 5.00
 Hourly rates are incurred for:
 Non-cleaned samples..... 22.00
 Retest of submitted samples..... No charge

Seed Analysis of NEW YORK STATE CERTIFIED SEED

1.5 pounds of seed is required for analysis of the listed seeds.

<u>Type of seed</u>	<u>Purity</u>	<u>Germination</u>
Barley	13.00	10.00
Bean	8.50	8.50
Buckwheat	13.00	8.50
Corn	8.50	8.50
Oats	15.00	10.00
Rye	13.00	10.00
Soybean	12.00	12.00
Triticale	13.00	10.00
Wheat	13.00	10.00

See website for additional details:

<http://www.cals.cornell.edu/nysaes/seed-lab/>

**Approximate Amounts of Seed Needed for Testing
(Ounces and Pounds)**

Kind	Germination only	Purity/Nox. Weed Exam/Germ.
Beans	½ lb	2 lbs
Lima beans, dry beans	1 lb	2 lbs
Corn	½ lb	2 lbs
Grains	½ lb	1 1/2 lbs
Grasses, sm. Grass mixes	½ oz	2 oz
Legumes, sm. (forages)	½ oz	2 oz
Legumes, lg. (peas, soybeans)	½ lb	2 lbs
Flowers, tiny	1/8 oz	¼ oz
Flowers, small	¼ oz	2 oz
Flowers, large	½ lb	1 1/2 lbs
Vegetables, small	¼ oz	2 oz
Vegetables, large	¼ lb	1 1/2 lbs

**Approximate Amounts of Seed Needed for Testing
(Cups and Quarts)**

Kind	Germination only	Purity/Nox. Weed Exam/Germ.
Beans	1 quart	2 quarts
Lima beans, dry beans	1 quart	2 quarts
Corn	2 cups	2 quarts
Grains	1 cup	2 quarts
Grasses, sm. Grass mixes	¼ cup	½ cup
Legumes, sm. (forages)	¼ cup	½ cup
Legumes, lg. (peas, soybeans)	2 cups	2 quarts
Flowers, tiny	½ tsp	1 tsp
Flowers, small	1 tsp	½ cup
Flowers, large	1 cup	1 quart
Vegetables, small	2 tsps	½ cup
Vegetables, large	1 cup	1 quart

800 seeds for germination.

2,500 seeds for purity.

25,000 seeds for purity and noxious.

NEW YORK STATE SEED TESTING LABORATORY
New York State Agricultural Experiment Station • Department of Horticultural Sciences
630 West North Street, Geneva, New York 14456 • 315-787-2242 • Fax: 315-787-2320



Service Test Request Form

Please mail your completed form to:
New York State Seed Testing Laboratory
Department of Horticultural Sciences - Sturtevant Hall
New York State Agricultural Experiment Station
630 W. North Street, Geneva, NY14456

Company Name:

Name:

Address:

Telephone / Fax:

Charge To:

Email:

Services Offered: * Please check test requests.

Purity Analysis ☐

Germination Test ☐

Combined Purity Analysis
& Germination Test ☐

Additional Tests
and Procedures ☐
(Please specify)

Lot Number / Sample Name:

**For multiple tests, feel free to use the following page.*



NEW YORK STATE SEED TESTING LABORATORY
New York State Agricultural Experiment Station ■ Department of Horticultural Sciences
630 West North Street, Geneva, New York 14456 ■ 315-787-2242 ■ Fax: 315-787-2320

NYS Seed Lab – various info

3. What are the germination standards for certified seed in New York State?

The certified standards are:

Small Grains

Other crops:

Oats: 85%

Soybeans: 80%

Barley: 85%

Field Corn: 90%

Rye: 80%

Buckwheat: 70%

* Other species standards are available upon request.

* Reference: Seed Certification Handbook NYSIP, Inc. Cornell University. Revised 1984.

9. How long do I have to wait for my results?

This depends on the type of seed. Some seeds take 8-10 days to germinate while others take as long as 28 days.

10. Can I request a “rush” test?

Yes. A “Rush test” denotes that your sample will be moved ahead of the other samples. There is a \$6 charge for a “Rush” sample.

11. What are noxious weeds?

1) Annual bluegrass *Poa*
annua (in lawn seed)



2) Bedstraw
Galium.spp



3) Bindweed
Convolvulus arvensis



4) Canada thistle
Cirsium arvense



5) Corncockle
Agrostemma githago



6) Dodder
Cuscuta spp.



7) Horsenettle
Solanum carolinense



8) Leafy spurge
Euphorbia esula



9) Quackgrass
Elytrigia repens



10) Russian knapweed *Acroptilon
repens*



11) Wild onion
Allium spp.



The Uniform Classification of Weed and Crop Seeds, Contribution No. 25 to the Handbook on Seed Testing of the Association of Official Seed Analysts (AOSA) is the standard reference used by seed laboratories to identify weed species through out North America. Botanical names are current to the 2004 edition. The AOSA Handbook 25 is complied with assistance from the AOSA Nomenclature Committee, the USDA Germplasm Resources Information Network and with the Canadian Food

Inspection Agency and is updated as needed. Click on the articles listed below to download the complete information: [Noxious Weed Seeds of NY](#) | [ARTICLE9](#)