



North Dakota State
NDSSD
 Seed Department

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Effective October 1, 2008

The following schedule of fees will apply to tests on all samples of seed submitted to the State Seed Department. All fees must accompany samples unless previous credit arrangements have been made. Our cash policy will not apply to seed dealers and wholesalers, elevators and North Dakota certified seed growers or others who have current accounts with the Department.

SEED LAB

<u>CROP</u>	<u>GERM</u>	<u>PURITY*</u>
Treated Samples \$2.00 additional charge		
Bromegrass, Fescues, Orchardgrass	17.00	18.00
Bluegrass, Reed Canarygrass, Ryegrass.....	18.00	18.00
Alfalfa, Clover, Millet, Mustard & Trefoil	13.00	13.00
Crownvetch	15.00	12.00
Cereals.....	12.00	13.00
Corn, Sorghum & Sudangrass	12.00	12.00
Edible Beans, Field Peas	12.00	13.00
Sugar Beets.....	17.00	12.00
Flax.....	12.00	13.00
Safflower	13.00	12.00
Soybeans.....	12.00	13.00
Sunflower.....	12.00	12.00
Rape or Canola	12.00	18.00
Indiangrass & Bluestem.....	26.00	61.00
Green Needlegrass	30.00	15.00
Creeping Foxtail	18.00	61.00
Sideoats Grama	26.00	61.00
Switchgrass	19.00	15.00
Timothy.....	18.00	18.00
Western Wheatgrass	19.00	33.00
Other Wheatgrasses	17.00	33.00

* Purity includes ND noxious exam if there is sufficient sample.

Kinds of seeds not listed: The Department will set fees.

Rush Service: 2 Times the Test Fee

Hourly Fee: \$ 35.00

Mixtures:

- A. Mixtures of two or more kinds of seed shall carry a fee equal to the fee for testing each component in the mixture.
- B. Separation fee for germination test on mixtures - **\$ 4.00/component** - no charge if purity requested at the same time.

Treated Sample:..... (additional) \$ 2.00

Size of Sample: The minimum weights of samples submitted for tests shall be as follows:

- A. *Seed Purity Tests*
 - 1. Four ounces of grass seed, white or alsike clover or seeds of similar size.
 - 2. Eight ounces of sweet clover, red clover, alfalfa, grasses, millet, rape, flax or seed of similar size.
 - 3. One and a half pounds of cereals, soybeans or seed of similar size.
- B. *Germination Tests*

The minimum size of samples for a germination test shall be at least 800 seeds for testing (send 1 cup of seed to ensure best results).

MISCELLANEOUS TESTS

Noxious Weeds: 9.00

Seed treatment for germination: (in addition to cost of germination test) 5.00

Crop Grading: (Mustard & Buckwheat) 27.00

Seed Count:

Soybeans, Wheat, Durum, Barley (Must have a purity test done at same time)..... 4.00

Canadian Purity:

Cereals (1000 grams) 15.00

Other seed 33.00

Accelerated Aging: (Soybean)..... 15.00

(Also requires germination test, which is charged separately)

Tetrazolium Test: Quick estimate of potential seed viability (not for labeling)

Cereals, Soybean 19.00

Other seeds 28.00

Herbicide Trait Bioassay Test:

Roundup Ready® (Soybean, Canola) 22.00

Liberty® (Canola) 22.00

Clearfield® (Canola) 33.00

Clearfield® (Wheat)..... 66.00

Clearfield® (Sunflower)..... 66.00

KOH: Determines number of red wheat kernels in white wheat...... 11.00

DIAGNOSTIC LAB

SEED HEALTH TESTS

Pulse Crops (Field Pea, Chick Pea, Lentils)

Ascochyta (500 seed)	88.00
(Chickpea 1000 seed).....	110.00
Fungal Scan (500 seed)	82.00
(ascochyta, anthracnose, botrytis, and sclerotinia in lentil)	

Canola

Blackleg	72.00
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Soybean

Bacterial Blight (Psg).....	137.00
Diaporthe/Phomopsis.....	72.00
Virus Tests (Soybean Mosaic, Bean Pod Mottle).....	66.00

Edible Bean

Bacterial Blight Test (Dome Test)	66.00
Bacterial Blight Pathogen identification (Xcp, Psp, Pss)	55.00
Bean Anthracnose.....	77.00
Bean Common Mosaic Virus	66.00

Barley

Loose Smut.....	39.00
Barley Stripe Mosaic Virus	99.00
Fusarium Scan.....	66.00
Vomitoxin	28.00

Wheat

Loose Smut.....	39.00
Fusarium Scan.....	66.00
Vomitoxin	28.00

Potato

ELISA Virus Tests for A, M, S, X, Y, and leaf roll	66.00
Composite leaf samples	call

ELISA Virus Tests – Sprout Testing \$2.00/well plus \$40.00 each additional plate
Please call for a total cost estimate

GMO TESTS

Soybean:

Flow Strip Test for Roundup Ready Gene	44.00
ELISA Test for Roundup Ready Gene	82.00
PCR Standard Screen/event ID	165.00

Potato:

ELISA Test for Bt Cry3A (400 leaves/plants)	82.00
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GENETIC PURITY/VARIETY IDENTIFICATION TESTS

Wheat and Oat (protein electrophoresis)	82.00
Barley and Field Pea (DNA)	121.00