

## SEED SAMPLING PROCEDURES

Proper sampling is extremely important to ensure that a seed sample is representative of an entire lot. An accurate sample will enable reliable test results and assure correct labeling of a seed lot. Equal portions shall be taken from evenly distributed parts of the quantity of seed lot sampled. Appropriate sampling methods follow:

### SAMPLING THE SEED CONTAINER

1) **Bag Sampling:** Sample 1 bag out of each group of 10 bags. Never sample less than 6 bags unless there are fewer than 6 bags in a seed lot.

2) **Bulk Tote Sampling:** Sample every tote within a seed lot using a long probe (minimum length 63 inches) with multiple seed inlets.

### SAMPLING WHILE FILLING THE SEED CONTAINER

1) **Bulk Bin/Tote/Bag Sampling:** Remove a small steady stream of the cleaned seed continuously or use an automatic catch system that pulls seed every few minutes while the bin, tote, or bags are being filled. When cleaning into bulk bins, multiple samples need to be taken throughout with each lot representing approximately 2000 bu of seed.

2) **Uncleaned Bin Sampling:** As the bin is being filled from the field, remove a small steady stream of seed continuously or pull seed every few minutes while the bin is being filled. Multiple samples need to be taken throughout with each lot representing approximately 2000 bu of seed.

During sampling, the seed quantity collected will be larger than the amount of seed required for lab testing. Thoroughly mix the collected seed and divide to the appropriate weight for submission.

## APPROPRIATE SAMPLE SIZE

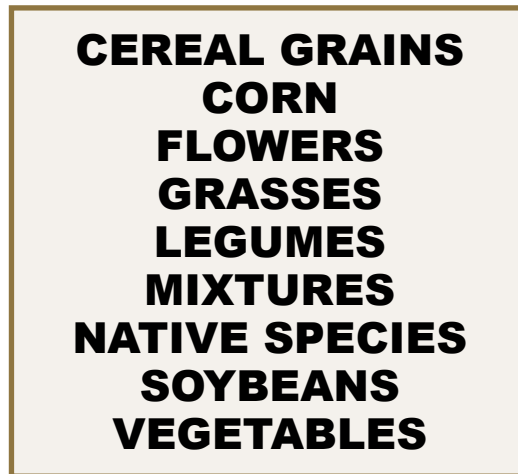
Cereal Grains, Corn, Beans, Peas, etc. ....2.00 lbs.  
Small Seeded Legumes .....0.50 lbs.  
Grasses .....0.50 lbs.

## SAMPLE ENVELOPES

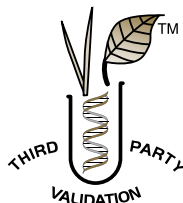
Seed sample envelopes are available from the Association's office. It is advisable to package all seed samples in cardboard to minimize damage caused during shipping.



RESULTS  
EMAILED SAME DAY



WARM & COLD GERMINATION • ELISA  
ACCELERATED AGING • HERBICIDE TRAITS  
NOXIOUS WEED SEEDS • PURITY  
SEED COUNTS • SEED SIZING  
TETRAZOLIUM



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## SEED ANALYSIS SERVICES



Wisconsin Crop  
Improvement Association  
[wcia.wisc.edu](http://wcia.wisc.edu)

## GRASS & NATIVE SEED FEES

KIND	PURITY	WARM GERM	COMPLETE TEST
Bentgrass .....	\$21.....	\$18.....	\$37
Bluegrass.....	\$21.....	\$18.....	\$37
Bromegrass ...	\$26.....	\$18.....	\$42
Canarygrass ..	\$17.....	\$18.....	\$33
Fescue.....	\$21.....	\$18.....	\$37
Millet .....	\$15.....	\$13.....	\$26
Orchardgrass..	\$26.....	\$18.....	\$42
Redtop .....	\$21.....	\$18.....	\$37
Ryegrass .....	\$21.....	\$18.....	\$37
Sorghum/Sudan.	\$15.....	\$13.....	\$26
Sudangrass ...	\$15.....	\$13.....	\$26
Timothy .....	\$17.....	\$18.....	\$33
Wheatgrass ...	\$21.....	\$18.....	\$37
Native Species.	\$46/hour ....	\$22	
Mixtures* .....	\$46/hour ....	\$	

\*Normal warm germ charge for each mixture component, plus \$46/hour for separating components

## SMALL SEED AND LEGUME FEES

KIND	PURITY	WARM GERM	COMPLETE TEST
Alfalfa.....	\$17.....	\$13.....	\$28
Birdsfoot			
Trefoil.....	\$17.....	\$13.....	\$28
Clovers .....	\$17.....	\$13.....	\$28
Crownvetch....	\$17.....	\$13.....	\$28
Vetch.....	\$17.....	\$13.....	\$28

## TAG PRINTING

Printed Tags.....\$46 setup, 5¢/tag, plus shipping

## GRAIN CROP FEES

KIND	PURITY	WARM GERM	COMBO PURITY & WARM GERM
Cereal Grains	\$16 .....	\$11 .....	\$25
Corn.....	\$12 .....	\$11 .....	\$22
Lupines.....	\$12.....	\$11.....	\$22
Rape/Canola..	\$17.....	\$16.....	\$33
Sorghum.....	\$15.....	\$13.....	\$26
Soybeans.....	\$12.....	\$11.....	\$22
Cold Germ .....			\$13
Warm & Cold Germ** (w/o Purity) ..			\$22

## VEGETABLE CROP FEES

KIND	PURITY	WARM GERM	COMBO PURITY & WARM GERM
Beans			
(Dry/Snap) ....	\$11 .....	\$16 .....	\$25
Beets .....	\$19.....	\$15.....	\$32
Beet Sprout Count.....			\$16
Carrots.....	\$19.....	\$15.....	\$32
Cabbage.....	\$19.....	\$15.....	\$32
Onions .....	\$19.....	\$15.....	\$32
Peas .....	\$12.....	\$11 .....	\$22
Sweet Corn....	\$12.....	\$11 .....	\$22
Cold Germ .....			\$13
Warm & Cold Germ** (w/o Purity) ..			\$22

\*\*When warm and cold germination tests are requested by the owner to be reported separately, they will be billed at the individual higher fees.

## SPECIAL TEST FEES

All States Noxious (Non-Native Species) .....	Purity Charge + \$5.50
Moisture Content .....	\$5.50
Seed Count.....	\$5.50
Seed Wash .....	\$6
Accelerated Aging.....	\$14
Tetrazolium Test (TZ)	
Non-Native Species (Except Grasses).....	\$23
Native Species and Non-Native Grasses ...	\$28
Difficult, Coated Seed, Mixtures or Uncleaned Samples .....	\$46/hour

## TRAIT TESTING FEES

### HERBICIDE

CLEARFIELD® • LIBERTYLINK® • ROUNDUP READY®		
400 Seeds .....	\$16 .....	w/Warm Germ \$22
200 Seeds .....	\$14 .....	w/Warm Germ \$20

### ELISA

#### 90 SEEDS

#### Abbreviation

Cry 1Ab YieldGard® Corn Borer .....	YGCB .....	\$65
Cry 3Bb YieldGard® Rootworm.....	YGRW .....	\$65
Cry 1Ab/Cry 3Bb YieldGard® Plus .....	YGPL .....	\$105
Cry 1F Herculex® I.....	HXCB.....	\$65
Cry 34/35 Herculex® Rootworm.....	HXRW.....	\$75
Cry 1F/Cry 34/35 Herculex® Xtra.....	HXXT .....	\$115
Cry 1Ab Agrisure® Corn Borer.....	AGCB .....	\$65
mCry 3A Agrisure®Rootworm .....	AGRW .....	\$75
Vip3A Agrisure® .....	Vip3 .....	\$75
Cry 2Ab2 Genuity® VT		
Double or TriplePro.....	VTP.....	\$65
Smartstax®.....	SMST.....	\$216

#### Samples Per Plate (Price Is Per Sample)

#### 30 SEEDS

	1	2	3
Cry 1Ab.....	\$65 .....	\$36 .....	\$24
Cry 3Bb.....	\$65 .....	\$36 .....	\$24
Cry 1Ab/Cry 3Bb.....	\$105 .....	\$72 .....	\$48
Cry 1F.....	\$65 .....	\$36 .....	\$24
Cry 34/35.....	\$75 .....	\$41 .....	\$27
Cry 1F/Cry 34/35 .....	\$115 .....	\$77 .....	\$51
mCry 3A.....	\$75 .....	\$41 .....	\$27
Vip 3A.....	\$75 .....	\$41 .....	\$27
Cry 2Ab2.....	\$65 .....	\$36 .....	\$24
Smartstax®.....	\$216 .....	\$111 .....	\$74

### POSITIVE/NEGATIVE SCREENING

Each Trait .....	\$14
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Fees for crops and tests not listed are available upon request. The Association reserves the right to change prices without notice.

EFFECTIVE DATE: JULY 1, 2014