

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

Beans, Cereal Grains, Peas 1.1 lbs.
Corn..... 1.1 lbs.
Small Seeded Legumes 0.25 lbs.
Grasses 0.20 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.



Cereal Grains • Corn • Flowers • Grasses • Legumes
Mixtures • Native Species • Soybeans • Vegetables

SEED LAB TESTING SERVICES

Genetic Traits

ELISA-Bt • Herbicide

Germination

Cold Germ • Warm Germ

Purity

Varietal • Inert

Weed Seed Content

Noxious • Common

Tetrazolium (TZ)

Seed Counts & Sizing

Electrophoresis

Vomitoxin (DON) & Fumonisin

RESULTS EMAILED THE SAME DAY

Wisconsin Crop Improvement Association

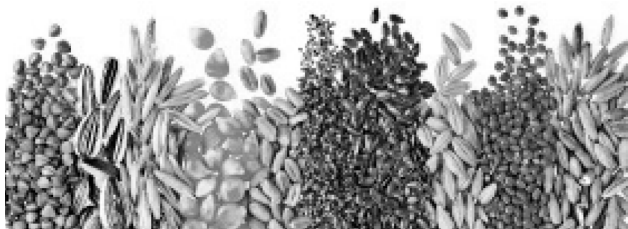
1575 Linden Drive, Madison, WI 53706-1514

Phone: 608-262-0165 (Lab) or 800-892-1341

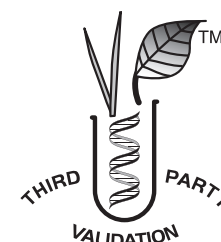
Fax: 608-262-0210 Email: wcia@mailplus.wisc.edu

WCIA's Seed Laboratory provides professional seed analysis services supervised by Registered Seed Technologists and Certified Genetic Technologists accredited through the Association of Official Seed Analysts (AOSA).

Cereal Grains • Corn • Flowers • Grasses • Legumes
Mixtures • Native Species • Soybeans • Vegetables



SEED ANALYSIS SERVICES



Wisconsin Crop Improvement Association

wcia.wisc.edu

GRASS & NATIVE SEED

KIND	PURITY	WARM GERM	COMPLETE TEST
Bentgrass	\$21.....	\$18.....	\$38
Bluegrass.....	\$21.....	\$18.....	\$38
Bromegrass ...	\$26.....	\$18.....	\$43
Canarygrass ..	\$21.....	\$18.....	\$38
Fescue.....	\$21.....	\$18.....	\$38
Millet	\$21.....	\$16.....	\$36
Orchardgrass. \$26.....	\$18.....	\$43	
Redtop	\$21.....	\$18.....	\$38
Ryegrass	\$21.....	\$18.....	\$38
Sorghum/Sudan. \$21.....	\$16.....	\$36	
Sudangrass ...	\$21.....	\$16.....	\$36
Timothy	\$21.....	\$18.....	\$38
Wheatgrass ...	\$21.....	\$18.....	\$38
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 LEGUMES

KIND	PURITY	WARM GERM	COMPLETE TEST
Alfalfa.....	\$17.....	\$16.....	\$32
Birdsfoot			
Trefoil.....	\$17.....	\$16.....	\$32
Brassica.....	\$17.....	\$16.....	\$32
Clovers	\$17.....	\$16.....	\$32
Crownvetch... \$17.....	\$16.....	\$32	
Rape/Canola.. \$17.....	\$16.....	\$32	
Vetch.....	\$17.....	\$16.....	\$32
Cold Germ		\$16	

TAG PRINTING

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

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, 2017

GRAIN CROPS

KIND	PURITY	WARM GERM	COMBO PURITY & WARM GERM
Cereal Grains \$16	\$12	\$12	\$27
Corn.....	\$12	\$11.50	\$22.50
Lupines	\$12.....	\$11.50	\$22.50
Sorghum	\$15.....	\$15	\$29
Soybeans.....	\$12.....	\$11.50	\$22.50
Cold Germ		\$13.50	
Warm & Cold Germ** (w/o Purity) ..		\$24	

FLOWER/VEGETABLE CROPS

KIND	PURITY	WARM GERM	COMBO PURITY & WARM GERM
Beans			
(Dry/Snap) ..	\$11.....	\$18	\$28
Beets	\$19.....	\$17	\$35
Beet Sprout Count.....		\$18	
Carrots.....	\$19.....	\$17	\$35
Cabbage	\$19.....	\$17	\$35
Flowers	\$21.....	\$18	\$38
Onions	\$19.....	\$17	\$35
Peas	\$12.....	\$12	\$23
Sweet Corn.... \$12.....	\$11.50	\$22.50	
Cold Germ		\$13.50	
Warm & Cold Germ** (w/o Purity) ..		\$24	

**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 TESTS

All States Noxious (Non-Native) ... Purity +	\$6.50
Moisture Content	\$6.50
Seed Count.....	\$6.50
Seed Grading Sizing.....	\$7.00/grade size
Seed Treatment.....	\$6.50
Seed Wash	\$6.50
Accelerated Aging.....	\$14
Tetrazolium (TZ)	
Non-Native Species (Except Grasses).....	\$26
Native Species and Non-Native Grasses ..	\$31
Difficult, Coated Seed, Mixtures	
or Uncleaned Samples	\$46/hour
Electrophoresis (Small Grains).....	\$40
Fumonisin	\$20
Vomitoxin (DON).....	\$20

TRAIT TESTING

HERBICIDE

CLEARFIELD® • LIBERTYLINK® • ROUNDUP READY®		
400 Seeds	\$18	w/Warm Germ \$28
200 Seeds	\$16	w/Warm Germ \$26

ELISA

90 SEEDS

	Abbreviation	
Cry 1Ab YieldGard® Corn Borer	YGCB	\$73
Cry 3Bb YieldGard® Rootworm.....	YGRW	\$73
Cry 1Ab/Cry 3Bb YieldGard® Plus	YGPL	\$115
Cry 1F Herculex® I.....	HXCB.....	\$73
Cry 34/35 Herculex® Rootworm.....	HXRW.....	\$80
Cry 1F/Cry 34/35 Herculex® Xtra.....	HXXT	\$125
Cry 1Ab Agrisure® Corn Borer	AGCB	\$83
eCry 3.1Ab Agrisure® Duracade®	AGDC	\$70
mCry 3A Agrisure® Rootworm.....	AGRW	\$83
Vip3A Agrisure®	Vip3	\$83
Cry 2Ab2 Genuity® VT		
Double or TriplePro.....	VTP.....	\$70
Smartstax®.....	SMST.....	\$221

	Samples Per Plate (Price Is Per Sample)		
30 SEEDS	1	2	3
Cry 1Ab.....	\$73	\$43	\$30
Cry 3Bb.....	\$73	\$43	\$30
Cry 1Ab/Cry 3Bb.....	\$115	\$80	\$55
Cry 1F.....	\$73	\$43	\$30
Cry 34/35.....	\$80	\$46	\$32
Cry 1F/Cry 34/35	\$125	\$85	\$57
eCry 3.1Ab.....	\$70	\$41	\$29
mCry 3A.....	\$83	\$48	\$33
Vip 3A	\$83	\$48	\$33
Cry 2Ab2.....	\$70	\$41	\$29
Smartstax®.....	\$221	\$116	\$79
Strip Testing.....		\$46/hr + \$1.50 each	

POSITIVE/NEGATIVE SCREENING

Each Trait	\$14
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