

WORKSHOPS

Soybean Seed Quality Corn Seed Quality Seed Sampling



June 13-15, 2017

9:00 AM to 4:00 PM

Held at SoDak Labs in Brookings, SD

Classroom style workshop with a mix of lectures on principles and hands on experience with the following tests:

- Viability tests: crepe cellulose paper (CCP) germination, sand germination, roll towel and tetrazolium (TZ)
- Storage fungi, field fungi, and lab comments for testing
- Vigor Tests: tray cold, saturated cold, accelerated aging (AA)
- Physical Tests: Seed coat damage test, seed moisture, hypochlorite soak test and electrical conductivity
- Herbicide Bioassay: glyphosate, glufosinate, dicamba, and STS
- ELISA: corn borer, corn rootworm
- Cultivar Purity: hilum check, peroxidase, hypocotyl growout, electrophoresis

There will be herbicide bioassay and ELISA testing demonstrations along with a laboratory tour.

Limited to 12 participants per workshop session. Recommended for quality assurance, production, conditioning, and others in the corn and soybean industry. Corn workshop is scheduled for Tuesday, June 13. Soybean workshop is Wednesday, June 14. All classroom materials and noon lunch included in fee.

Instructors:

Tim Gutormson is an Agronomist and Registered Seed Technologist with over 35 years of experience in the seed testing industry including roles as editor of the first and second editions of the *Seed Technologist Training Manual (STTM)* and instructor in *Seed Biology, Seed Technology and Seed Identification*.

Kalyn Brix is a Registered Genetic Technologist, Certified Quality Auditor (CQA), Agronomist, RMI, RST, and is an expert in ELISA and trait testing plus she co-authored the chapter on ELISA testing in the second edition of the *STTM*. Kalyn has over 25 years of experience in seed testing, specializing in genetics and quality.





SEED SAMPLING WORKSHOP

Thursday, June 15, 2017
8:30 AM to 4:30 PM

A test result is only as accurate as the sample that was submitted. The importance of sampling is often underestimated, however sampling lays the foundation for testing that accurately represents your seed lot. This one day sampling course will give you the opportunity to learn about various rules regarding seed sampling and equipment, as well as provide hands on sampling techniques. Upon completion you will be confident that samples you are submitting to the lab are a true representation of your seed lots.

Instructor:

Laura Carlson (registered member inactive) has instructed various workshops on seed sampling, seed identification, germination, and tetrazolium testing. She has 16 years of experience in the seed industry specializing in purity testing and seed sampling.

SoDak Training Workshops

Two ways to register:

(1) Online at www.SoDakLabs.com/home/workshops (2) Call Le Walls or Joyce Kindvall at 605-692-2758

NAME: _____

PHONE: _____

COMPANY: _____

EMAIL: _____

- Corn June 13 \$100
- Soybean June 14 \$100
- Seed Sampling June 15 \$100
- Best Deal – all three \$225

Check

Bill My Account _____

Credit Card (call Joyce Kindvall with info)

