

## Professional Development Workshop

- Limited space available (10-20 attendees)
- Spend 3 days at CSU with expert educators and researchers
- Morning Lectures
- Afternoon Hands-On Experiences and Field Trips
  - GPS mapping, data collection, and analysis
  - Hands-On with Trimble equipment/personnel
  - Visit a Progressive Farm (2015 Farmer of The Year) & see Precision Ag in Action
- Preview 2 **NEW** Precision Ag Post-Secondary Textbooks: *Precision Farming Basics*—

A comprehensive introduction to theory, equipment, and techniques central to precision farming.

### *Practical*

### *Agronomy & Mathematics for Precision Farming—*

A step-by-step introduction to mathematical processes involved in the implementation and use of precision (or any other) agriculture systems.

*Textbooks/videos will be available through the ACSESS Digital Library*

### For Additional Information, Contact:

Dr. David Clay, Professor,  
South Dakota State University  
E-mail: David.Clay@sdstate.edu

Dr. Raj Khosla, Professor,  
Colorado State University  
E-mail: Raj.Khosla@ColoState.edu

Please submit your expression of interest, along with your CV, to Ms. Kierra Jewell, (Kierra.Jewell@ColoState.Edu) to secure your place.

Limited funding available to provide travel support.

**Apply TODAY!**

### PROFESSIONAL DEVELOPMENT OPPORTUNITY

**Precision Farming**  
**BASICS**

## **CURRICULUM IN PRECISION AGRICULTURE**

Workshop and Debut of  
New Precision Agriculture  
Textbook Set

May 15-17, 2018  
Colorado State University  
Ft. Collins, Colorado  
\*Travel Stipend Available





## Revamping Precision Ag Curriculum

A multi-state group project funded by USDA-NIFA entitled “Precision farming workforce development: standards, working groups, and experimental learning curricula” has brought together Precision Farming experts from across the United States to build curricula designed to prepare students for careers in Precision Agriculture.

A multi-year project began by evaluating surveys completed by thousands of retailers, employers, and educators indicating there was a significant gap between what was being taught by secondary educators and what skills were needed by the Precision Ag workforce.

## Why should you attend?

Based on recent Precision Ag Retail Surveys, there is lack of workforce that can meet the needs of the industry. New employees must be technology literate, creative, innovative, fully trained in their discipline, able to utilize and interpret information gained from new technologies to make smart management decisions, and have the capacity to convert locally collected information into practical solutions.

We have put together precision ag curricula that helps meet the needs of today’s and future workforce to help your students step up to the challenges in the precision ag workforce. By attending this workshop, you will get cutting edge information that can be directly used in the classroom to help your students be successful in the Precision Ag workforce.



Credit Raven Industries



## Where?

Colorado State University  
Campus and CSU-ARDEC

The 3 day workshop will be held on the CSU campus in beautiful Ft. Collins, CO as well as at their Agricultural Research Center (CSU-ARDEC) located 10 miles north of Fort Collins.

## Who We Are

A group of over 40 precision ag post-secondary educators and researchers have partnered with members of the precision ag industry to educate and empower the next generation of precision ag workers and producers. Dozens of experts have put thousands of hours into creating an up to date and encompassing set of textbooks to be used in Precision Ag programs worldwide. Texts and videos will be published by the American Society of Agronomy and the Soil Science Society of America.