

Register today!

Register online at:
<https://enrec.unl.edu/2019scalfieldday/>
by July 30, for lunch planning purposes

Map/Directions



The field day will be held at the South Central Agricultural Laboratory Research Farm located at 851 Hwy. 6 near Harvard, NE
Directions: 13 miles east of Hastings on Hwy. 6 or 4.5 miles west of the intersection of Hwy. 14 and Hwy. 6 north of Clay Center.

Contact Information

South Central Agricultural Laboratory Office
Phone: (402)762-3536
Web: <https://scal.unl.edu>
E-mail: shachtel1@unl.edu



Agenda

Current,
up-to-date topics
focusing on
improved crop
production and
profitability

- 8:30 a.m.**
Registration & view posters
Enjoy rolls & coffee!
 - 8:45 a.m.**
Welcome and overview of the day
*John Westra, Associate Director,
University of Nebraska Southeast Extension*
 - 9:00 a.m. – 10:20 a.m.**
*Choose a tour – Cover Crops, Disease Management, Insect Management, or Nutrient Management**
 - 10:30 a.m. - 11:50 a.m.**
*Choose a tour – Corn Stover Management, Hail Injury Management, Weed Management, or Mobile Beef/Science Lab**
 - 12:00 p.m. – 1:00 p.m.**
Lunch and Keynote Speaker
Dave Varner, Associate Dean and Associate Director, Nebraska Extension, University of Nebraska
 - 1:00 p.m. – 2:20 p.m.**
*Choose a tour – Cover Crops, Disease Management, Hail Injury Management, or Mobile Beef/Science Lab**
 - 2:30 p.m. - 3:50 p.m.**
*Choose a tour – Insect Management, Nutrient Management, Weed Management, or Corn Stover Management**
 - 4:00 p.m.**
End of field day. Thank you for coming.
Have a good trip home!
- *Tours depart from the shop area**



South Central Agricultural Laboratory
820 Road 313
P.O. Box 66
Clay Center, NE 68933

SOUTH CENTRAL AGRICULTURAL LABORATORY
Institute of Agriculture and Natural Resources

South Central Agricultural Laboratory Field Day

Interactive Talks & Demos
Lunch provided

Thursday, Aug. 1

8:30 a.m. – 4:00 p.m.

Clay Center, NE

CCA credits available

<https://enrec.unl.edu/2019scalfieldday/>

Register online by July 30

University of Nebraska–Lincoln Institute of Agriculture and Natural Resources Extension is a Division of the Institute of Agriculture and Natural Resources at the University of Nebraska–Lincoln cooperating with the Counties and the United States Department of Agriculture. University of Nebraska–Lincoln Extension educational programs abide with the nondiscrimination policies of the University of Nebraska–Lincoln and the United States Department of Agriculture.



Field day speakers will share information about their research for improved crop production and profitability.

Approximately 100+ applied field research trials are conducted at SCAL annually by University of Nebraska-Lincoln faculty and United States Department of Agriculture/ Agricultural Research Service scientists. Trials are focused on irrigation and water management, soil fertility, entomology, weed science, cropping systems, disease management, and crop variety testing. Continuing Education Units have been applied for and are pending.

Planning Committee:

- Roger Elmore, Nebraska Extension Cropping Systems Agronomist
- Sharon Hachtel, Office Associate
- Tamra Jackson-Ziems, Nebraska Extension Plant Pathologist
- Amit Jhala, Nebraska Extension Weed Management Specialist
- Michael Schlick, Research Farm Manager
- Marty Schmer, Research Agronomist, USDA-ARS-AMRU
- Michael Sindelar, Extension Educator
- John Westra, Associate Director, University of Nebraska Southeast Extension
- Robert Wright, Nebraska Extension Entomologist

Sponsor recognition

Thank you to our sponsors for their support of the South Central Agricultural Laboratory Field Day. At the time of this publication, we wish to acknowledge the Nebraska Soybean Board and the Clay County Corn Growers. A complete list will be available at the field day.

Field Day Tour Details

Current, up-to-date topics focusing on improved crop production and profitability

Attend 4 of the 8 sessions. Morning sessions are repeated in the afternoon.



Cropping Systems

- Cover crops, pollinators and weed management

Katja Koehler-Cole, UNL Research Assistant Professor; Chris Proctor, Nebraska Weed Management Extension Educator; and Osler Ortez Amador, UNL PhD Graduate Student

Insect Management

- European corn borer, corn rootworm, and cover crop insect control

Robert Wright, Nebraska Extension Entomologist; Gabriella Carmona, Julia Campos, Juan Cardona, and Dania Ozorio, UNL Entomology graduate students

Weed Management

- Herbicide-resistant weed management issues

Amit Jhala, Nebraska Extension Weed Management Specialist

Hail Injury Management

- Assessing injury and management decisions in corn and soybeans

Justin McMechan, University of Nebraska Crop Protection and Cropping Systems Specialist



Disease Management

- Introduction and current status of crop diseases
- Research results
- Corn: Bacterial leaf streak management trial; Identification, current distribution, host range, etc.; Foliar fungicide trial
- Soybean - Frogeye leaf spot; Identification, fungicide resistance, management recommendations; Current research

Tamra Jackson-Ziems, Nebraska Extension Plant Pathologist; Gabi Martens, MS Student; Callie Braley, DPH Student; Jae Brungardt and Brad Tharnish, UNL Research Technologists

Sensor-Based Nitrogen Management

- Nitrogen fertilizer management in irrigated corn

Joe Luck, Nebraska Extension Precision Ag Specialist and Laila Puntel, UNL Assistant Professor

Corn Stover Management

- Corn stover harvest management and impacts

Michael Sindelar, Nebraska Extension Educator; Virginia Jin, Research Soil Scientist, USDA-ARS; & Marty Schmer, Research Agronomist, USDA-ARS



Mobile Beef and Mobile Science Lab

- Interactive display on mobile beef lab and mobile science lab

Nathan Haman, 4-H Extension Assistant



At-a-Glance Field Day Schedule

Refreshments provided under the big tent all day

8:30 a.m. - 8:45 a.m.	8:50 a.m. - 9:00 a.m.	9:00 a.m. - 10:20 a.m.	10:20 a.m. - 10:30 a.m.	10:30 a.m. - 11:50 a.m.	11:50 a.m. - 12:00 p.m.	12:00 p.m. - 12:50 p.m.	12:50 p.m. - 1:00 p.m.	1:00 p.m. - 2:20 p.m.	2:20 p.m. - 2:30 p.m.	2:30 p.m. - 3:50 p.m.	3:50 p.m. - 4:00 p.m.
Registration Coffee & Rolls	Tours depart from shop area	Session 1	Tours move to next session of your choice	Session 2	Return to shop area	Lunch & Speakers	Tours depart from shop area	Session 3	Tours move to next session of your choice	Session 4	Tours conclude. Return to shop area.