

Sponsor recognition

Thank you to our sponsors for their support of the South Central Agricultural Laboratory Field Day.

Planning Committee:

- Leonardo Bastos, UNL PhD Candidate in Soil Fertility/Precision Ag
- Roger Elmore, Nebraska Extension Cropping Systems Agronomist
- Sharon Hachtel, Office Associate
- Suat Irmak, Harold W. Eberhard Distinguished Professor of Biological Systems Engineering
- Tamra Jackson-Ziems, Nebraska Extension Plant Pathologist
- Amit Jhala, Nebraska Extension Weed Management Specialist
- Michael Schlick, Research Farm Manager
- John Westra, Associate Director, University of Nebraska Southeast Extension
- Robert Wright, Nebraska Extension Entomologist



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.



SOUTH CENTRAL AGRICULTURAL LABORATORY

Institute of Agriculture and Natural Resources

South Central Agricultural Laboratory Field Day

Wednesday, Aug. 29

8:30 a.m. – 4:00 p.m.

Clay Center, NE

**Register
online
by Aug. 26**

CCA credits available



Agenda

8:30 a.m.

Registration and view posters
Enjoy rolls & coffee!

8:55 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, or Water Management**

10:30 a.m. – 11:50 a.m.

*Choose a tour – Insect Management, Nutrient Management, or Weed Management**

12:00 p.m. – 1:00 p.m.

Lunch and Keynote Speaker
*Mike Boehm, University of Nebraska-Lincoln
Harlan Vice Chancellor for the Institute of
Agriculture and Natural Resources and
University of Nebraska vice president for
Agriculture and Natural Resources.*

1:00 p.m. – 2:20 p.m.

*Choose a tour – Cover Crops, Disease Management, or Water Management**

2:30 p.m. – 3:50 p.m.

*Choose a tour – Insect Management, Nutrient Management, or Weed Management**

4:00 p.m.

End of field day. Thank you for coming.
Have a good trip home!

***Tours depart from the shop area**

Register Online

Register online at:

<https://go.unl.edu/2018scalfieldday>

by Aug. 26 for lunch planning purposes

Map/Directions



South Central Agricultural Laboratory Research Farm is 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.

Contact Information

South Central Agricultural Laboratory Office

202 West Fairfield

Clay Center, NE 68933

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UNL.SCAL

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, crop variety testing, and organic systems.

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

Continuing Education Units have been applied for and are pending.



SOUTH CENTRAL AGRICULTURAL LABORATORY
Institute of Agriculture and Natural Resources

At-a-Glance Field Day Schedule *Refreshments provided under the big tent all day*

<u>8:30 a.m. - 8:50 a.m.</u>	<u>9:00 a.m. - 10:20 a.m.</u>	<u>10:30 a.m. - 11:50 a.m.</u>	<u>12:00 p.m. - 1:00 p.m.</u>	<u>1:00 p.m. - 2:20 p.m.</u>	<u>2:30 p.m. - 4:00 p.m.</u>
Registration Coffee & Rolls	Tours depart from shop area	Tours depart from shop area	Lunch & Speakers	Tours depart from shop area	Tours depart from shop area Conclude at 4 p.m.

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by Aug. 26**

Field Day Tour Details – Topics and presenters

Cropping Systems

– From cover crops to corn ear issues-
Roger Elmore, Nebraska Extension Cropping Systems Agronomist; Katja Koehler-Cole, UNL Agronomy Post-Doctoral Research Associate; Justin McMechan, University of Nebraska Crop Protection and Cropping Systems Specialist; and Osler Ortez Amador, UNL PhD Graduate Student

Insect Management

– European corn borer, Corn rootworm, and Western bean cutworm
Robert Wright, Nebraska Extension Entomologist

Weed Management

– Opportunities and challenges for weed control in soybean
Amit Jhala, Nebraska Extension Weed Management Specialist

From Inhibitors to Sensors

– Nitrogen fertilizer management in irrigated corn
Leonardo Bastos, UNL PhD Candidate in Soil Fertility/Precision Ag; Brian Krienke, Nebraska Soils Extension Educator; and Joe Luck, Nebraska Extension Precision Ag Specialist

Disease Management

– Corn and soybean disease updates
Tamra Jackson-Ziems, Nebraska Extension Plant Pathologist

Water Management

– Fundamentals of variable rate irrigation and fertigation in comparison to fixed rate irrigation and conventional fertilizer management (morning)
– Impact of cover crops on soil quality (afternoon)
Suat Irmak, Harold W. Eberhard Distinguished Professor of Biological Systems Engineering

