Glyphosate-Resistant Palmer amaranth Management Field Day

WEDNESDAY, JULY 10 AT CARLETON, NE

Including on-site demonstrations of projects for control of Glyphosate-Resistant Palmer amaranth in Soybean

- Palmer amaranth, a member of the pigweed (*Amaranthaceae*) family, is one of the most troublesome weeds in soybean fields.
- Greenhouse dose-response studies have confirmed glyphosate-resistant Palmer amaranth in Nebraska.
- Field experiments will demonstrate how to control resistant Palmer amaranth in field and seed corn production fields in Nebraska.

On-Site Demonstration of Projects

- How row spacing and herbicide programs can affect glyphosate-resistant Palmer amaranth control in Roundup Ready 2 Xtend Soybean
- Management of Palmer amaranth in
  - Alite 27 Soybean (resistant to isoxaflutole/glyphosate/glufosinate)
  - Enlist E3 Soybean (resistant to 2,4-D choline/glyphosate/glufosinate)
- Critical period of Palmer amaranth removal affected by residual herbicides in Roundup Ready 2 Xtend Soybean

Keynote Speaker

DR. JASON NORSWORTHY is a professor and the endowed Chair of Weed Science at the University of Arkansas. He grew up on a vegetable farm in southern Arkansas, where he quickly learned the need for weed management in crops. He has documented eight herbicide-resistant weeds in Arkansas, including glyphosate-resistant Palmer ama-ranth. He has been invited nationally and internationally to present his amaranth. He presently serves as the Editor of the Weed Tehnology, a journal of the Weed Science Society of America that publishes applied weed science research.

FIELD DAY SCHEDULE

8:30 am - Registration (no cost)
Enjoy Rolls and Coffee
9:00 am - Welcome
9:30 am - Field Day Tours
11:15 am - Jason Norsworthy, Keynote
12:15 pm - Lunch
1:00 pm - Adjourn

DIRECTIONS

From Geneva, NE, go south on Hwy 81 for 14.6 miles. Turn west onto Hwy 4 for 5.3 miles. Farm field is located on the south side of Hwy 4 between C St. and Renwick St. in Carleton.
GPS: 40°18'24.7"N 97°40'29.0"W

FOR MORE INFORMATION, CONTACT

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FREE TO ATTEND but registration is required at agronomy.unl.edu/palmer.

Three CCA Credits are available.

CCA CREDITS AVAILABLE

Sponsored by the Nebraska Soybean Board and Nebraska Extension in the Institute of Agriculture and Natural Resources.