

TUESDAY, July 12 AT SHICKLEY, NEB.

Including on-site demonstrations of projects for control of Atrazine and HPPD inhibitor-resistant Palmer amaranth in field and seed corn

- Palmer amaranth, a member of the pigweed (Amaranthaceae) family, is one of the most troublesome weeds in corn fields.
- Atrazine and HPPD-inhibiting herbicides-(Callisto, Laudis, Impact) resistant Palmer amaranth in south central Nebraska is of particular concern because of the proximity to intense seed corn production, which is heavily reliant on these herbicides for weed control.
- Greenhouse dose-response studies have confirmed resistance when atrazine and HPPD inhibitors were applied post-emergence.
- Field experiments will demonstrate how to control resistant Palmer amaranth in field and seed corn production fields in Nebraska.

On-Site Demonstration of Projects



- Tank mixing Atrazine with Callisto or Balance PRO at different rates for control of Palmer amaranth
- Tank mixing Atrazine with Callisto, Laudis, or Armezone applied post-emergence for control of Palmer amaranth
- Herbicide programs for resistant Palmer amaranth control in seed corn
- Management of Palmer amaranth in
 - Roundup Ready Corn
 - Liberty Link Corn
- DiFlexx and DiFlexx DUO for control of resistant Palmer amaranth
- Armezon PRO for control of resistant Palmer amaranth
- Understanding effect of tillage/herbicides on Palmer amaranth emergence
- Overlapping residual herbicides for Palmer amaranth control in field corn

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. Norsworthy has documented eight herbicide-resistant weeds in Arkansas, including glyphosate-resistant Palmer amaranth. He has been invited nationally and internationally to present

his research on management of resistant Palmer amaranth. He presently serves as Editor-in-Chief for Weed Technology, a journal of the Weed Science Society of America that publishes applied weed science research.

Three CCA Credits are available.

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.

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FIELD DAY SCHEDULE

- 8:30 am – Registration (no cost)
Enjoy Rolls and Coffee
- 9:00 am – Welcome
- 9:10 am – Nebraska Corn Board Update
- 9:25 am – Field Day Tours
- 12 pm – Lunch
- 12:15 pm – Keynote Speaker
- 1:30 pm Adjourn

DIRECTIONS

From Geneva, NE go south on Hwy 81 for 7 miles. Turn west onto Hwy 74 for 12 miles. Turn north on Rd 2 for 3 miles. Turn west on Rd. Q for 0.1 mile. Farm field is located on the north side of Rd Q. Click map for directions.



FOR MORE INFORMATION, CONTACT

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Resistant Palmer amaranth Management Field Day



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TWO WAYS TO REGISTER:

While there is no cost to attend this program, registrations are needed by 3 pm, July 11, for meal and tour logistics.

SAVE TIME AND GO ONLINE at <http://agronomy.unl.edu/weedresistmgt>

OR FILL OUT THE FORM BELOW AND MAIL OR FAX TO:

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Lincoln, NE 68583-0915
Work: 402-472-5636
FAX: 402-472-7904



Name _____

Address _____

Email _____

Phone Number _____

Affiliation or Business _____

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