

University of Nebraska-Lincoln South Central Agricultural Laboratory

Clay Center, Nebraska

Weed Management Field Day

(Including On-Site Demonstration for Control of Glyphosate-Resistant Giant Ragweed)

July 2, 2013
8:30 a.m. - 2:15 p.m.



Directions :

7.5 miles west of
Hwy 14 and Hwy 6
Intersection, or 13
east of Hastings on
Hwy 6

Free Registration

8:30 AM to 9:00 AM
(Enjoy Rolls & Coffee)

Free Lunch: 12 to 1:00 PM

Weed Control in Soybean Field Tour: 9:00 AM to 10:15 AM

- 1. Roundup Ready & Liberty Link Soybean Standard Trials:** Unbiased comparison of several herbicide programs by different companies for weed control in Roundup Ready and Liberty Link soybeans.
- 2. Dicamba Resistant Soybean:** Dicamba plus Glyphosate resistant soybean is under development and will be commercialized in near future. Field experiment will provide information for weed control options using several herbicide combinations with Dicamba.
- 3. Warrant Application Timings & Tank Mixes with POST Herbicides:** Warrant is a new encapsulated formulation of Acetochlor. Field experiment will demonstrate application timings of Warrant and best POST tank mix partner for weed control in Roundup Ready soybean.
- 4. In-Crop Application of Residual Herbicides (Dual II Magnum, Intro, Outlook, Warrant, and Zidua) for Control of Waterhemp:** Waterhemp emergence is throughout the growing season. A single application of PRE followed by POST herbicide is not enough for controlling waterhemp that emerges later in the season. This project will demonstrate split application of residual herbicides (Dual II Magnum, Intro, Outlook, Warrant, and Zidua).

Weed Control in Corn Field Tour: 10:30 AM to 11:45 AM

- 1. Roundup Ready Corn Standard Trial:** Unbiased comparison of several herbicide programs by different companies for weed control in Roundup Ready corn.
- 2. Instigate Applied Alone or in Tank Mixes:** Instigate is a combination of Rimsulfuron and Mesotrione for weed control in corn. Instigate application timing and tank mixes will be compared for weed control in Roundup Ready corn.
- 3. Anthem/Anthem ATZ:** Anthem is a combination of Zidua and Cadet for weed control in corn. Several tank mix combinations will be compared with these herbicides.
- 4. Verdict & Armezon:** Verdict is a combination of Sharpen and Outlook. Armezon is a topramezone based herbicide for POST weed control in corn. They will be compared with several herbicide treatments.

Control of Glyphosate-Resistant Giant Ragweed in Corn: 1:15 to 2:15 PM

- 1. Liberty Tank Mixed with 2,4-D or Dicamba for Control of Glyphosate Resistant Giant Ragweed:** Liberty will be applied alone or in tank mix with 2,4-D and/or Dicamba to evaluate efficacy for control of Glyphosate-resistant Giant Ragweed in corn.
- 2. Tillage & Herbicides for Control of Giant Ragweed:** Integrated effect of tillage and herbicides will be evaluated for control of Glyphosate-resistant Giant Ragweed in corn.
- 3. UNL Systems Study:** Several combinations of PRE followed by POST herbicides will be compared for control of Glyphosate-resistant Giant Ragweed in corn.
- 4. Anthem/Anthem ATZ for POST Control:** Several Anthem based herbicides will be compared to evaluate efficacy on Glyphosate-resistant Giant Ragweed and yield of corn.



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