Several sponsors joined with the University of Nebraska–Lincoln to support Weed Management Field Day. We thank all sponsors for their generous support.

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Agenda

8:30 – 9 a.m.
Registration (no cost)
Enjoy rolls & coffee!
All tours depart from the tent.

9 – 10 a.m.
Demonstration of projects for weed control in soybean

10 – 10:15 a.m.
Break (Refreshments provided)

10:15 a.m. – Noon
Demonstration of projects for weed control in corn and sorghum

12 – 1:00 p.m.
Lunch (Free)
UNL Dairy Store Ice Cream

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

CCA Credits are available.

Organizers

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Support Staff  
Alex Chmielewski, Mike Schlick and Sharon Hachtel

Extension Educators  
Jennifer Rees and Nathan Mueller

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South Central Ag Lab
Clay Center, Nebraska

South Central Ag. Lab is located 4.5 miles west of Hwy 14 south (to Clay Center) & Hwy 6 Intersection, or 12.4 miles east of Hastings on Hwy 6.  
GPS Coordinates: 40.57539, -98.13776
Comparison of Herbicide Programs for Weed Control in Corn: Unbiased comparison of herbicide programs by different companies for weed control in Roundup Ready/LibertyLink corn. New herbicides in corn will be discussed.

Control of Corn Volunteers in Enlist Corn: Volunteer corn is a major weed in corn-soybean cropping systems. Project will demonstrate how to control volunteer corn in Enlist corn using Assure II and a premix of glufosinate (Liberty) + quizalofop (Assure II).

Evaluating Surtain (saflufenacil + pyroxasulfone) for weed control and crop safety in corn & popcorn: Surtain is the new Kixor herbicide based on solid-encapsulation technology, enabling pre- and early-post-emergence application for weed control in corn.

Control of Corn Volunteers in iGrowth and Double Team Sorghum: When sorghum is planted after corn, corn volunteer is a major weed. iGrowth sorghum is a new herbicide-resistant sorghum that provides an opportunity for post-emergence control of grass weeds, including corn volunteers. ImiFlex (imazamox) and Zest (quizalofop) will be evaluated for control of volunteer corn.

At-a-Glance Weed Management Field Day Schedule

8:30 – 9 a.m. | 9 – 10 a.m. | 10 – 10:15 a.m. | 10:15 – Noon | 12 – 1 p.m.
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Registration | Weed Control in Soybean | Break with refreshments provided | Weed Control in Corn & Sorghum | Lunch (free)
Coffee & Rolls

Weed Management Tour Details

Tour 1: On-Site Demonstration of New Technology/Herbicides for Weed Control in Soybean and Sorghum

1. **Planting Green and Residual Herbicide Interaction in soybean**: Planting green refers to no-till planting of the primary crop into actively growing cover crop. Cereal rye is the most planted cover crop in corn/soybean cropping systems in Nebraska. The objectives of this project are (1) To evaluate effect of planting green on performance of residual herbicides applied pre-emergence for weed control in soybean, and (2) Effect of early termination of cereal rye versus planting green on weed control and soybean yield.

2. **Inter-seeding Small Grains (Barley, Oat, and Wheat) in Soybean for Weed Suppression**: Evaluate the effect of inter-seeding small grains into soybean on weed suppression and soybean yield and grain quality.

3. **Comparison of Herbicide Programs for Weed Control in Soybean**: Unbiased comparison of herbicide programs of different companies for weed control in Roundup Ready 2 Xtend and Enlist soybean. New herbicides and multiple herbicide-resistant soybean will be discussed for management of herbicide-resistant weeds.

4. **Evaluating Residual Herbicides for Overlapping Residual Weed Control in Soybean**: Can we achieve season-long weed control in soybean by using residual herbicides applied pre-emergence and post-emergence without a foliar active herbicide? This project will discuss the possibility of complete residual weed control in soybean.

Tour 2: On-Site Demonstration of New Technology/Herbicides for Weed Control in Corn

1. **Comparison of Herbicide Programs for Weed Control in Corn**: Unbiased comparison of herbicide programs by different companies for weed control in Roundup Ready/LibertyLink corn. New herbicides in corn will be discussed.

2. **Control of Corn Volunteers in Enlist Corn**: Volunteer corn is a major weed in corn-soybean cropping systems. Project will demonstrate how to control volunteer corn in Enlist corn using Assure II and a premix of glufosinate (Liberty) + quizalofop (Assure II).

3. **Evaluating Surtain (saflufenacil + pyroxasulfone) for weed control and crop safety in corn & popcorn**: Surtain is the new Kixor herbicide based on solid-encapsulation technology, enabling pre- and early-post-emergence application for weed control in corn.

4. **Control of Corn Volunteers in iGrowth and Double Team Sorghum**: When sorghum is planted after corn, corn volunteer is a major weed. iGrowth sorghum is a new herbicide-resistant sorghum that provides an opportunity for post-emergence control of grass weeds, including corn volunteers. ImiFlex (imazamox) and Zest (quizalofop) will be evaluated for control of volunteer corn.