

# **2014 Soybean Management Field Days**

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## Residual Herbicides Applied POST in Soybean

**Anthem:** Zidua (15) + Cadet (14); up to V3  
**Dual II Magnum:** Metolachlor (15); emergence to V3  
**FirstRate:** Cloransulam (2); up to 50% flowering  
**Pursuit:** Imazethapyr (2); before bloom  
**Prefix:** Metolachlor (15)+Fomesafen (14); cracking-V3  
**Outlook:** Dimethenamid (15); V1 to V5  
**Warrant:** Acetochlor (15); before R2  
**Zidua:** Pyroxasulfone (15); V1 to V3

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## Herbicide Resistant Weeds in NE

Weed Species	Resistance	Example Herbicides
Common waterhemp	Triazine	Aatrex
	HPPD	Callisto, Laudis, Impact
	ALS	Pursuit, Classic
	Glyphosate	Roundup
Palmer amaranth	Growth regulator	2,4-D
	ALS	Pursuit, Classic
	HPPD	Callisto, Impact, Laudis
Kochia	Triazine	Aatrex
	Photosystem-II	Buctril
	Growth regulator	2,4-D
	Triazine	Aatrex
Shattercane	Glycine	Roundup
	ALS	Glean
Marestail	ALS	Accent, Beacon, Option
	ALS	FirstRate
Giant/ Common ragweed	Glyphosate	Roundup
	Glyphosate	Roundup
Redroot pigweed	Triazine	Aatrex

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## PRE Herbicides in Soybean

**ALS inhibitors (2)**  
 FirstRate, Pursuit, Python  
**Microtubule inhibitors (3)**  
 Prowl H2O, Trifluralin  
**PS II inhibitors (5)**  
 Sencor/ Dimetric  
**Diterpene Synthesis inhibitor (13)**  
 Command  
**PPO inhibitors (14)**  
 Authority, Valor  
**Long chain fatty acid inhibitors (15)**  
 Outlook, Warrant, Zidua

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## POST Herbicides in Soybean

**ACCcase inhibitors (1)**  
 Assure II, Post Plus, Select Max  
**ALS inhibitors (2)**  
 Classic, FirstRate, Raptor, Synchrony  
**Glyphosate (9)**  
**PPO inhibitors (14)**  
 Cobra, Flexstar, Ultra Blazer

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## **Multiple Herbicide-Resistant Soybean**

- **Liberty Link Soybean**
- **Dicamba plus glyphosate resistant soybean (Roundup Ready 2 Xtend)**
- **2,4-D plus glyphosate resistant soybean (Enlist Soybean)**
- **Isoxaflutole plus glyphosate resistant soybean (Balance Bean/GT)**
- **MGI Soybean**

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