



# Weed Management System Comparison

## Cooperator Information

Cooperator: NA	Planting Date: 4/15/2020	Previous Crop: CORN-GRAIN
Plot County: MACON	Harvest Date: 10/7/2020	Tillage System: MINIMUM
Plot State: IL	Planting Rate: 140,000	Irrigation: NO

Roundup Ready 2 Xtend Soybean Performance		
Business Brand	Product Brand	Yield
ASGROW	AG36X6	65.9
		-
		-
		-
		-
		-
<b>Trial Average</b>		<b>65.9</b>

Competitive Soybean Performance		
Business Brand	Product Brand	Yield
STINE	STINE 36E02	60.6
		-
		-
		-
		-
		-
<b>Trial Average</b>		<b>60.6</b>

Roundup Ready Xtend Crop System - Chemistry		
Timing	Chemistry Product	Rate
BURNDOWN		
-		
PRE/AT PLANTING	MATADOR S	2.25 PT
4/13/2020		
EARLY POST	XTENDIMAX® WITH VAPORGRIP®	22 FL OZ
5/22/2020	ROUNDUP POWERMAX®	22 FL OZ
	CHOICE TRIO	5 FL OZ
	REIGN	8 FL OZ
LATE POST		
-		

Competitive Crop System - Chemistry		
Timing	Chemistry Product	Rate
BURNDOWN		
-		
PRE/AT PLANTING	MATADOR S	2.25 PT
4/13/2020		
EARLY POST	ENLIST ONE	2 PT
6/15/2020	ROUNDUP POWERMAX®	22 FL OZ
	CHOICE TRIO	5 FL OZ
	REIGN	8 FL OZ
LATE POST		
-		

Roundup Ready Xtend Crop System - Weed Control		
Timing	Weed Type	Rating
CANOPY	BROADLEAF	FAIR
	GRASS	GOOD
HARVEST	BROADLEAF	GOOD
	GRASS	GOOD

Competitive Crop System - Weed Control		
Timing	Weed Type	Rating
CANOPY	BROADLEAF	GOOD
	GRASS	GOOD
HARVEST	BROADLEAF	GOOD
	GRASS	GOOD

Roundup Ready Xtend Crop - System Revenue	
Gross Revenue Per Acre	\$626.34
Seed Costs Per Acre	\$71.20
Weed Control Costs per Acre	\$56.37
<b>Return after Seed and Weed Control Costs</b>	<b>\$498.77</b>

Competitive Crop System - Revenue	
Gross Revenue Per Acre	\$575.99
Seed Costs Per Acre	\$63.50
Weed Control Costs per Acre	\$53.04
<b>Return after Seed and Weed Control Costs</b>	<b>\$459.45</b>

## Roundup Ready Xtend Cropping System Advantage: \$39.32

All yield values are in bu/acre and are adjusted to 13.0 % moisture. Gross revenue based on assumed selling price of \$9.50/bu.  
 Seed cost Includes all costs associated with seed and seed treatment.  
 Herbicide cost includes all costs associated with herbicides, additives, and application.

## Soybean Legend

**WEED CONTROL RATING DESCRIPTIONS:** **CLEAN** – Clean field, no visual weed standing, 100% weed control. **EXCELLENT** – Near perfect, very few weeds standing, survivors are severely compromised and not competitive, no respray needed, 95-99% weed control. **GOOD** – Reasonable weed control, some weeds standing, survivors are a mix of compromised and competitive, toss up on respray, 90-94% weed control. **FAIR** – Several weeds standing, escapes are competitive, would need respray, 85-89% weed control. **POOR** – Many weeds still standing, escapes are very competitive, rescue situation, < 80% weed control.

**ALWAYS READ AND FOLLOW DIRECTIONS FOR USE ON PESTICIDE LABELING. IT IS A VIOLATION OF FEDERAL AND STATE LAW** to use any pesticide product other than in accordance with its labeling. NOT ALL formulations of dicamba or glyphosate are approved for in-crop use with Roundup Ready 2 Xtend® soybeans. ONLY USE FORMULATIONS THAT ARE SPECIFICALLY LABELED FOR SUCH USES AND APPROVED FOR SUCH USE IN THE STATE OF APPLICATION. XTENDIMAX® HERBICIDE WITH VAPORGRIP® TECHNOLOGY AND IN CROP USES MAY NOT BE APPROVED IN ALL STATES. Contact the U.S. EPA and your state pesticide regulatory agency with any questions about the approval status of dicamba herbicide products for in-crop use with Roundup Ready 2 Xtend® soybeans.

**Roundup Ready 2 Xtend® soybeans** contains genes that confer tolerance to glyphosate and dicamba. Glyphosate will kill crops that are not tolerant to glyphosate. Dicamba will kill crops that are not tolerant to dicamba. Glufosinate will kill crops that are not tolerant to glufosinate. Contact your Monsanto dealer or refer to Monsanto's Technology Use Guide for recommended weed control programs.

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**Individual results may vary,** and performance may vary from location to location and from year to year. This result may not be an indicator of results you may obtain as local growing, soil and weather conditions may vary. Growers should evaluate data from multiple locations and years whenever possible.

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