

**CLEAN FIELDS** 



## 2015 SOYBEAN and CORN WEED MANAGEMENT RECOMMENDATIONS AND INCENTIVES

CLEAN FIELDS ADD UP TO STRONG YIELDS



**PLANT** Genuity<sup>®</sup> Roundup Ready 2 Yield<sup>®</sup> Soybeans, Roundup Ready<sup>®</sup> Soybeans, Roundup Ready<sup>®</sup> Corn 2 or corn with Roundup Ready<sup>®</sup> 2 Technology to qualify for incentives.

**PURCHASE** qualifying herbicides from a participating Monsanto retailer between September 1, 2014, and July 31, 2015, and apply at the recommended rates.

**INCENTIVES** will be mailed in check form to the retailer selling Roundup<sup>®</sup> agricultural herbicides. The incentive check will be made out to both the retailer and the grower. Incentive payments for qualifying herbicides will be matched to corresponding Roundup agricultural herbicides. The deadline to submit for the 2015 Roundup Ready PLUS<sup>®</sup> Incentive is August 31, 2015. **LibertyLink<sup>®</sup> soybeans do not qualify.** 

## Contact

*Contact your retailer for details on how to submit your completed incentive information and herbicide invoice(s). See your retailer for qualifying states and complete details, or visit RoundupReadyPLUS.com.* 

## **CORN RECOMMENDATIONS** and **INCENTIVES**

## Roundup Ready<sup>®</sup> Corn 2 and Corn with Roundup Ready<sup>®</sup> 2 Technology

	H	erl	bici	de	Re	commendations	Matching Rates and Incentives Per Acre <sup>2</sup>					
	BURNDOWN PREPLANT PRE <sup>1</sup>			EP 2	PRODUCTS	Matching Rates <sup>3</sup> 32 oz.						
	BURI	PREF	PRE <sup>1</sup>	POST 1	POST		Incentive Per Acre					
Start clean, with tillage just prior to planting.							Degree HARRIESS					
L TILLAGE	Harness® Brands, Degree Xtra®, TripleFLEX® Herbicide or TripleFLEX® II Herbicide		TripleFLEX <sup>®</sup> Herbicide or	3 qt. 2.25 pt. HARNESS.								
CONVENTIONAL TILLAGE		Roundup WeatherMAX® or Roundup PowerMAX® with IMPACT® or other postemergence herbicide products		Roundup PowerMAX® with IMPACT® or other postemergence	Image: State of Measure     \$1.00     \$1.50       1.8 qt.     2.25 qt.     \$1.00     \$1.50       TRIPLEFLEX: 2 pt.     TRIPLEFLEX: 1     \$1.00     \$1.50							
3E						Roundup WeatherMAX or Roundup PowerMAX + dicamba or 2,4-D	Impact         2 pt.           Impact         0.75 oz.         \$3.00         \$3.50					
CONSERVATION TILLAGE		•	or 🔳			Roundup WeatherMAX or Roundup PowerMAX + Harness Brands, Degree Xtra, TripleFLEX Herbicide or TripleFLEX II Herbicide	<ul> <li><sup>2</sup> This chart is meant to calculate incentive payments only. Please see label for recommended application ra</li> <li><sup>3</sup> Matching rates required when using either Roundup PowerMAX or Roundup WeatherMAX herbicides to receive maximum incentives.</li> <li>Higher rates may be required based on weed species. Some Roundup Ready PLUS® recommended herbicides may have restrictions based on soil type, tillage practice and pH. See label for details.</li> </ul>					
CONSE					or 🗖	Roundup WeatherMAX or Roundup PowerMAX with IMPACT or other postemergence herbicide products	TAN					

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<sup>1</sup>PRE herbicides may also include other Monsanto herbicides based on local weeds and preferences. Always read and follow pesticide label directions. Additional restrictions may apply.



#### SOYBEAN RECOMMENDATIONS and INCENTIVES

## Genuity® Roundup Ready 2 Yield® Soybeans and Roundup Ready® Soybeans

			H	erb	ici	de Recommendations	Matching Rates and Ince	ntives Per A	lcre <sup>3</sup>
	BURNDOWN	STEP 1 STEP 2 <sup>2</sup> I NMOUNING PRODUCTS STEP 2 <sup>2</sup> PRODUCTS PRODUCTS		PRODUCTS	Matching Rates <sup>4</sup>	Roundup 2017137 Man 32 oz.	Roundup 1211111 Maxo 32 oz.		
				Start	clean	, with tillage just prior to planting.	8	Incentive	Per Acre
GE						Warrant® Herbicide, Rowel <sup>®</sup> Herbicide, Rowel <sup>®</sup> FX Herbicide, Fierce® Fierce® XLT, Valor,® Valor® XLT, Gangster,® Authority® Assist, Authority®	NERBICIDE 3 pt.	\$2.00	\$2.50
AL TILLA						First, Authority® MAXX, Authority® MTZ or Authority® XL	Revel 3 oz. 4.5 oz.	\$4.50	\$4.50
CONVENTIONAL TILLAGE				<b></b>		Roundup WeatherMAX® or Roundup PowerMAX® + Warrant Herbicide	FIERCE	\$3.75	\$3.75
CONV						Roundup WeatherMAX or Roundup PowerMAX + Warrant Herbicide + Cobra® or fomesafen	3.75 oz.		40.00
							soubean therbicide 4 oz.	\$3.00	\$3.00
						Roundup WeatherMAX or Roundup PowerMAX + dicamba or 2,4-D	ALOREXLE SOYBEAN 3 02. 4.5 0Z.	\$4.50	\$4.50
CONSERVATION TILLAGE		<b>—</b> C	r			<b>R</b> oundup WeatherMAX or Roundup PowerMAX + Warrant Herbicide, Rowel Herbicide, Rowel FX Herbicide, Fierce, Fierce XLT, Valor, Valor XLT, Gangster, Authority Assist, Authority First, Authority MAXX, Authority <sup>®</sup> MTZ or Authority <sup>®</sup> XL	3.6 oz.	\$3.00	\$3.50
UNJER VI				<b></b> <sup>1</sup>		Roundup WeatherMAX or Roundup PowerMAX + Warrant Herbicide	14 OZ.		
						Roundup WeatherMAX or Roundup PowerMAX + Warrant Herbicide + Cobra or fomesafen	NERALDE 10 OZ. PHIERENIX Herbicide 10 OZ.	\$3.00	\$3.00
st oi	ver-the	e-top	option	IS.		is present. ant Herbicide may be applied in a single growing season.	SELECTMAX In the feature 6 oz.	\$1.00	\$1.50

<sup>3</sup> This chart is meant to calculate incentive payments only. Please see label for recommended application rates.
<sup>4</sup> Matching rates required when using either Roundup PowerMAX or Roundup WeatherMAX herbicides to receive maximum incentives.

Payments initiate at \$3.00 per acre with 32 oz. per acre Roundup PowerMAX or Roundup WeatherMAX matched with 2 oz. Rowel, 3 oz. Rowel FX, 2 oz. Valor, 3 oz. Valor XLT, 2.4 oz. Gangster, 3 oz. Fierce, and at \$1.00 and \$1.50 per acre with 32 oz. per acre of Roundup PowerMAX or Roundup WeatherMAX per acre respectively matched with 6 oz. of SelectMax® or 4 oz. of Select® 2 EC.

## HERBICIDE ACTIVE INGREDIENTS and PERFORMANCE RATINGS

## Genuity® Roundup Ready 2 Yield® Soybeans and Roundup Ready® Soybeans

Herbicide Active Ingredients - Soybeans								
	ACTIVE	COMMENTS						
Warrant® Herbicide	Acetochlor	Pre-emergence through early post-application window, providing grass and small-seeded broadleaf weed control						
Rowel <sup>™</sup> Herbicide	Flumioxazin	Pre-emergence control of large- and small-seeded broadleaf weeds						
Rowel <sup>™</sup> FX Herbicide	Flumioxazin + Chlorimuron	= Additional mode of action for expanded pre-emergence control						
Gangster®	Flumioxazin + Cloransulam	<ul> <li>Virtually no pH restrictions; provides large- and small-seeded broadleaf weed control</li> </ul>						
Valor®	Flumioxazin	<i>Crop rotation flexibility – no pH concerns; provides small-seeded broadleaf residual weed control</i>						
Valor <sup>®</sup> XLT	Flumioxazin + Chlorimuron	Use on fields with a pH of 7.6 or less; provides large- and small-seeded broadleaf residual weed control						
Fierce®	Flumioxazin + Pyroxasulfone	No pH concerns; provides broad-spectrum residual weed control						
Fierce <sup>®</sup> XLT	Flumioxazin + Pyroxasulfone + Chlorimuron	Provides broad spectrum residual weed control, including ragweed						
Authority® Assist	Sulfentrazone + Imazethapyr	= No pH restrictions						
Authority® First	Sulfentrazone + Cloransulam	<ul> <li>Virtually no pH restrictions</li> </ul>						
Authority® MAXX	Sulfentrazone + Chlorimuron	<i>■</i> Do not apply on soils above 7.6 pH						
Authority® MTZ	Sulfentrazone + Metribuzin	■ Rate restrictions on soils above 7.5 pH						
Authority® XL	Sulfentrazone + Chlorimuron	<i>■</i> Do not apply on soils above 7.6 pH						
Cobra®/Phoenix™	Lactofen	Postemergence control of tough-to-control weeds with no carry over restrictions for the following crop year						
Select Max®	Clethodim	= For control of volunteer corn or other grasses						

#### Herbicide Performance Ratings - Soybeans

	FOXTAIL	BARNYARD- GRASS	KOCHIA	LAMBS- QUARTERS	MARESTAIL	PALMER AMARANTH	COMMON RAGWEED	GIANT RAGWEED	VELVETLEAF	WATERHEMP	SMARTWEED	HERBICIDE CLASS
Warrant Herbicide	E	E	F	G	F	E	Р	Р	Р	E	Р	15
Rowel Herbicide	F	F	G	E	G	E	G	Р	G	E	F	14
Rowel FX Herbicide	F	F	E	E	E	E	E	G	G	E	E	14, 2
Gangster	F	F	G	E	E	E	E	E	G	E	E	14, 2
Valor	F	F	G	E	G	E	G	Р	G	E	F	14
Valor XLT	F	F	E	E	E	E	E	G	G	E	E	14, 2
Fierce	E	E	E	E	E	E	E	F	E	E	G	14, 15
Fierce XLT	E	E	E	E	E	E	E	G	E	E	E	14, 15, 2
Authority Assist	F	G	G	E	G	E	G	F	G	E	E	14, 2
Authority First	Р	Р	G	E	E	E	E	E	G	E	E	14, 2
Authority MAXX	Р	Р	E	E	E	E	E	G	G	E	E	14, 2
Authority MTZ	F	G	E	E	G	E	G	G	F	E	E	14, 5
Authority XL	Р	Р	E	E	E	E	E	G	G	E	E	14, 2
Cobra/Phoenix	Р	Р	Р	Р	F	E	E	E	F	E	F	14

**E** = Excellent **G** = Good **F** = Fair P = Poor

This chart should be used only as a guide. Performance may be better or worse than indicated in the table due to weather, soil conditions or other variables. Always read and follow pesticide label directions.

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HERBICIDE ACTIVE INGREDIENTS and PERFORMANCE RATINGS

# Roundup Ready<sup>®</sup> Corn 2 and Corn with Roundup Ready<sup>®</sup> 2 Technology

Herbicide Active Ingredients - Corn								
	ACTIVE	COMMENTS						
Degree Xtra®	Acetochlor + Atrazine	<ul> <li>As soil temperature rises, the patented temperature release technology delivers just the right amount of weed control</li> </ul>						
Harness®	Acetochlor	Consistent, season-long performance against 30 grasses and small-seeded broadleaf weeds						
Harness® Xtra	Acetochlor + Atrazine	<ul> <li>Multiple modes of action with an expanded spectrum of control – more than 40 grasses and broadleaf weed species</li> </ul>						
Harness® Xtra 5.6L	Acetochlor + Atrazine	<ul> <li>Multiple modes of action with a higher rate of atrazine for additional weed control – more than 40 grasses and broadleaf weed species</li> </ul>						
TripleFLEX® Herbicide or TripleFLEX® II Herbicide	Acetochlor + Flumetsulam + Clopyralid	Three modes of action for control of ALS-, glyphosate- and triazine-resistant weeds						
IMPACT®	Topramezone	<ul> <li>Apply any time after corn emergence until 45 days before harvest for additional control of tough or glyphosate-resistant weeds – early to late post</li> </ul>						

#### Herbicide Performance Ratings - Corn LAMBS-QUARTERS GIANT RAGWEED BARNYARD-PALMER COMMON HERBICIDE FOXTAIL КОСНІА SMARTWEED FALL PANICUM VELVETLEAF WATERHEMP GRASS AMARANTH RAGWEED CLASS Degree Xtra Ε Ε Ε Ε Ε G G Ε Ε Ε Ε 15, 5 F F F F F G Harness Ε Ε Ε Ε Ε 15 Harness Xtra Ε Ε Ε Ε Ε Ε Ε G Ε Ε Ε 15, 5 Harness Xtra 5.6L G G Ε Ε Ε Ε Ε Ε Ε Ε Ε 15, 5 TripleFLEX Herbicide or Ε Ε Ε Ε Ε Ε Ε Ε Ε Ε Ε 15, 2, 4 TripleFLEX II Herbicide IMPACT G G G F Ε Ε Ε G 27 Ε Ε Ε

**E** = Excellent **G** = Good **F** = Fair P = Poor

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## CLEAN FIELDS ADD UP TO STRONG YIELDS

Notes

Visit RoundupReadyPLUS.com for additional information.

#### **CROP MANAGEMENT IS YIELD MANAGEMENT**

**STRONG YIELDS** 

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Roundup Technology® includes Monsanto's glyphosate-based herbicide technologies. 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.

ALWAYS READ AND FOLLOW PESTICIDE LABEL DIRECTIONS. Roundup Ready<sup>®</sup> crops contain genes that confer tolerance to glyphosate, the active ingredient in Roundup<sup>®</sup> brand agricultural herbicides. Roundup<sup>®</sup> brand agricultural herbicides will kill crops that are not tolerant to glyphosate. Degree<sup>®</sup>, Harness<sup>®</sup>, TripleFLEX<sup>®</sup> Herbicide and Warrant<sup>®</sup> Herbicide are not registered in all states. Degree<sup>®</sup>, Harness<sup>®</sup>, TripleFLEX<sup>®</sup> Herbicide and Warrant<sup>®</sup> Herbicide are not registered pesticide is a violation of federal and/or state law and is strictly prohibited. Check with housand belong for each product must be in the possession of the user at the time of application. Follow applicable use instructions, including application rates, precautions and restrictions of each product used in the tank mixtures. The applicable labeling for each product must be in the possession of the user at the time of applicable. Follow applicable use instructions, including application rates, precautions and restrictions of each product used in the tank mixture. Monsanto has not tested all tank mix product formulations for compatibility of trank mixtures by mixing small proportional quantities in advance. Degree<sup>®</sup>, Roundup<sup>®</sup>, Roundup Ready<sup>®</sup>, Roundup WeatherMAX<sup>®</sup>, Roundup<sup>®</sup>, Rowell<sup>®</sup>, Transorb and Design<sup>®</sup>, TripleFLEX<sup>®</sup> and Warart<sup>®</sup> are registered trademark of Monsanto Technology LLC. LibertyLink<sup>®</sup> is a registered trademark of Amvac Chemical Corporation. All other trademarks are the property of their respective owners. Cobra<sup>®</sup>, Gangster<sup>®</sup>, Phoenix<sup>TM</sup>, Select Max<sup>®</sup> and Valor<sup>®</sup> are trademarks of Valemin. Just the trademark of Amvac Chemical Corporation. Second Company. 1C7F149784