

SEED CATALOG 2021

CORN LEADER BRANDS

53P21 VT2PRIB 103 DAY MATURITY

104 DAY MATURITY

- Very good stalks and roots with excellent test weight
- Excellent early vigor for minimum tillage and early planting
- Widely adapted product with very good Goss' tolerance
- Long ears with good kernel depth

 Medium-tall hybrid with medium ear placement Good late-season intactness

CONV

- Responds well to intense nitrogen management
- Excellent Goss' Wilt tolerance

56C03 CONV 106 DAY MATURITY

NEW!

57W07 CONV

54N05

107 DAY MATURITY

- Good tolerance to Tar Spot, NLB and Goss' Wilt
- Keep in zone and north for best performance
- Girthy ear style with 18-22 rows and very deep kernels
- Strong multi-year data package

- Late flowering hybrid with very fast dry down
- Balanced disease package with good scores for GLS, NLB and
- Consistent, girthy ears with deep kernels and good test weight
- Optimum performance in zone

PLANT CHARACTERISTICS

	BRAND	ТЕСН	MATURITY	AVAILABLE AS	50% Silk	Black Layer	Cob Color	Ear Height	Ear Type	Husk Cover	Kernel Rows	Leaf Angle	Plant Height	Shank Length	Test Weight	
	50R51	SSRIB	100	50R01 CONV - NEW!	1260	2510	R	M	SFL	М	18-20	SE	М	ML	G	
	51A51	SSRIB	101	51A21RIB VT2PRIB	1208	2380	R	M	SD	Α	14-16	N/A	M	N/A	VG	
	53P21	VT2PRIB	103		1227	2417	R	M	SFL	S	14-16	N/A	MT	N/A	G	
	54N05	CONV	104		1270	2600	Р	M	SFL	M	16-18	SU	MT	M	G	
	54B08	CONV	104		1368	N/A	Р	MH	D	M	16-18	SE	MT	ML	G	
	55A58	SSRIB	105		1260	2482	R	M	SD	Α	16-18	N/A	MT	N/A	Е	
NEW!	56C03	CONV	106		1270	2630	R	MH	SFL	ML	18-22	SE	MT	M	F	
	56H56	SSRIB	106	56H06 CONV	1280	2645	R	M	SFL	M	16-18	SU	MT	M	G	
	56K52	SSRIB	106		1268	2498	R	M	SD	Α	16-18	N/A	M	N/A	VG	
	57W27	VT2PRIB	107	57W07 CONV	1320	2700	R	M	SFL	ML	16-18	SE	MT	ML	VG	
	57A25	VT2PRIB	107		1310	2740	R	MH	SFL	ML	16-18	SU	MT	ML	G	
	58C04	CONV	108		1270	2700	R	MH	SFL	MS	18-20	U	MT	M	G	
	58 Z 53	SSRIB	108		1329	N/A	N/A	MH	В	VG	14-16	SU	MT	MS	VG	
	59A25	VT2PRIB	109		1286	2538	R	MH	SD	Α	16-18	N/A	T	N/A	AV	
NEW!	59C01	CONV	109		1330	2745	W	M	SFL	ML	16-18	SE	M	M	G	
NEW!	59R27	VT2P/RHS/ASR RIB	109		1366	2691	R	MH	SD	Α	14-16	N/A	MT	N/A	G	
	59022	3220A E-Z	109		N/A	N/A	R	M	SFL	N/A	18	N/A	M	N/A	M	
	60B04	CONV	110		1320	2750	Р	M	F	M	16-18	SU	M	M	G	
	60P59	SSRIB	110	60P29RIB VT2PRIB	1301	2563	R	M	SD	Α	14-16	N/A	M	N/A	VG	
	61P54	SSRIB	111	61P24RIB VT2PRIB	1333	2626	R	M	SD	Α	16-18	N/A	M	N/A	G	
	62A58	SSRIB	111		1334	2655	R	M	SD	Α	16-18	N/A	MT	N/A	VG	
NEW!	62B56	SS/RHS/ASR RIB	112		1389	2736	R	MH	SD	Α	16-18	N/A	M	N/A	G	
	62W06	CONV	112		1300	2780	R	M	F	ML	16-18	U	M	M	G	
	63D58	SSRIB	113	63D28RIB VT2PRIB	1320	2790	R	M	SFL	ML	16	SU	MT	ML	VG	
	64Z08	CONV	114		1360	2855	R	MH	SFL	ML	18-20	SU	MT	ML	G	

RATING SCALE: E = Excellent, VG = Very Good, G = Good, AV = Average, F = Fair, P = Poor, N/A = Not Available; COB COLOR: R = Red, P = Pink, W = White EAR/PLANT HEIGHT: M = Medium, MH = Medium-High, MT = Medium-Tall, T = Tall; TEST WEIGHT/POPULATION TOLERANCE: M = Medium, MH = Medium-High, H = High EAR TYPE: SD = Semi-Determinate, D = Determinate, SFL = Semi-Flex, FI = Fixed, B = Balanced; HUSK COVER: A = Adequate, S = Short, M = Medium, ML = Medium-Long, MS = Medium-Short LEAF ANGLE: SU = Semi-Upright, U = Upright, SE = Semi-Erect; SHANK LENGTH: M = Medium, ML = Medium-Long

CORN ON CORN: R = Recommended, WF = With Fungicide, NR = Not Recommended; HERBICIDE SENSITIVITY: A = Acceptable, C:GR = Caution: GR, C:SU = Caution: SU

CORN LEADER BRANDS

60P29 VT2PRIB 110 DAY MATURITY

- 61P54 **SSRIB**
- 111 DAY MATURITY

- Very good stalks and excellent roots
- Excellent early vigor and low greensnap risk
- Very good test weight and kernel depth
- Very good GLS and NCLB tolerance

- Will respond to high management
- Good greensnap and excellent Goss' Wilt tolerance
- Position for early harvest
- Very good root rating

62A58 **SSRIB** 111 DAY MATURITY

63D28 VT2PRIB 113 DAY MATURITY

- Very good stalks and roots
- Semi-determinate ear with excellent test weight
- Responds to higher management
- Very good early plant vigor

- Widely adapted hybrid with outstanding yield potential
- Outstanding agronomic package with excellent test weight
- Excels in high yield environment
- Late-season health and intactness

PLANT HARDINESS								DISEASE RESISTANCE							_		
Corn on Corn	Drought Tolerance	Early Plant Vigor	Greensnap	Herbicide Sensitivity	Population Tolerance	Root Rating	Stalk Rating	Stay Green	Common Rust	Eye Spot	Goss' Wilt	Gray Leaf Spot	Northern Leaf Blight (1)	Southern Leaf Blight	Stalk Anthracnose	BRAND	
G	G	G	N/A	N/A	G	VG	VG	G	VG	N/A	G	G	G	N/A	N/A	50R51	-
R	VG	VG	Е	C:GR	MH-H	VG	VG	AV	N/A	N/A	G	G	VG	N/A	AV	51A51	_
WF	G	Е	VG	C:SU	M-MH	VG	VG	VG	G	VG	VG	AV	G	VG	AV	53P21	_
VG	G	VG	N/A	N/A	MH-H	VG	G	G	G	N/A	VG	G	G	N/A	N/A	54N05	_
G	VG	VG	N/A	N/A	VG	Е	G	VG	VG	N/A	G	VG	G	N/A	N/A	54B08	_
WF	G	G	VG	Α	M-MH	G	VG	VG	N/A	N/A	VG	AV	AV	G	AV	55A58	_
VG	VG	VG	N/A	N/A	VG	VG	VG	G	N/A	N/A	VG	G	VG	N/A	N/A	56C03	NEW!
VG	VG	G	N/A	N/A	MH	VG	VG	G	G	N/A	VG	VG	VG	N/A	N/A	56H56	_
WF	G	VG	VG	C:GR	M-MH	VG	VG	VG	N/A	N/A	VG	G	VG	VG	G	56K52	_
VG	G	VG	N/A	N/A	VG	VG	G	VG	N/A	N/A	VG	VG	VG	N/A	N/A	57W27	_
G	G	VG	N/A	N/A	MH-H	VG	G	VG	VG	N/A	VG	VG	G	N/A	N/A	57A25	-
R	VG	VG	N/A	N/A	Н	E	VG	E	VG	N/A	E	VG	E	N/A	N/A	58C04	-
VG	N/A	VG	N/A	N/A	M-MH	VG	E	VG	N/A	N/A	F	VG	VG	N/A	N/A	58 Z 53	-
NR	AV	VG	G	Α	M-MH	VG	VG	VG	N/A	N/A	AV	G	G	VG	G	59A25	-
VG	VG	VG	N/A	N/A	VG	VG	VG	G	N/A	N/A	VG	G	VG	N/A	N/A	59C01	NEW!
NR	G	VG	VG	A	M-MH	VG	G	AV	N/A	N/A	G	G	G	VG	AV	59R27	NEW!
N/A	N/A	G	N/A	N/A	M-MH	AV	G	G	N/A	G	VG	VG	VG	G	N/A	59022	-
VG	VG	VG	N/A	N/A	Н	E E	VG	VG	VG	N/A	VG	VG	G	N/A	N/A	60B04	-
WF	G	E	E	Α	M-MH		VG	G	N/A	N/A	AV	G	VG	VG	E	60P59	-
WF WF	AV G	G VG	G	Α	MH M-MH	VG VG	G	AV	N/A	N/A	E	AV	VG VG	VG VG	G	61P54	-
WF	AV	VG	G G	A	MH-H	VG	G G	G AV	N/A N/A	N/A N/A	G G	G G	G	VG	G G	62A58 62B56	NEW!
VG	VG	G	N/A	N/A		VG	VG	F	G	N/A	VG	G	VG	N/A	N/A	62W06	MEW:
VG	VG	G	N/A	N/A	H MH	VG	VG	VG	G	N/A	G	VG	VG	N/A	N/A	63D58	-
VG	VG	VG	N/A	N/A	M	G	VG	G	VG	N/A	VG	VG	VG	N/A	N/A	64Z08	_
٧u	٧u	٧u	IV/A	IV/A	IVI	u	٧u	u	٧u	IN//N	٧u	٧u	VU	IN//N	11/7	04200	-

3220A E-Z - Agrisure Viptera® 3220A E-Z Refuge®, SSRIB - SmartStax® RIB Complete® Corn Blend, VT2PRIB - VT Double PRO® RIB Complete® Corn Blend, CONV - Conventional SS - SmartStax® Corn

SOYBEAN LEADER BRANDS

2001E

E3

2101E

E3

- Consistent, stable multi-year performance
- Very good stress tolerance and emergence
- Resistant to BSR

- SCN/Rps 1k/BSR/SWM tolerance
- In zone performance that can move north
- BSR resistant

2301E

*E*3

2501E

E3

- Very good SDS and white mold scores
- Attractive gray/tan
- Impressive standability and width

- Best of class IDC
- Frogeye Resistant
- Very good emergence and stress tolerance

PLANT CHARACTERISTICS

BRAND	TECH	MATURITY	Estimated Seed Size	Flower Color	Hilum	io	Plant Type	Pod	Protein	Pubescence	Relative Plant Height	Emergence
2001E	E3	2.0	N/A	Р	IBL	N/A	ı	Т	N/A	GR	MT	VG
2101E	E3	2.1	N/A	Р	IBL	N/A	I	BR	N/A	GR	M	VG
2221XFS	XF/SR	2.2	N/A	Р	IBL	N/A	M	BR	N/A	GR	MT	Е
2301E	E3	2.3	N/A	Р	BU	N/A	IB	Т	N/A	GR	M+	VG
2501E	E3	2.5	N/A	Р	IBL	N/A	I	BR	N/A	GR	MT	VG
2701E	E3	2.7	N/A	Р	IBL	N/A	l	Т	N/A	GR	MT	VG
2818NRX	RR2X	2.8	N/A	Р	IBL	21.7	MB	BR	40.5	GR	MT	VG
2901E	E3	2.9	N/A	W	BU	N/A	l	BR	N/A	GR	M+	VG
2919NRXS	RR2X	2.9	2600-2900	Р	BL	N/A	MB	Т	N/A	LTW	M+	VG
3020E	E3	3.0	N/A	Р	IBL	N/A	IB	Т	N/A	GR	MT	VG
3031XF	XF	3.0	N/A	Р	IBL	N/A	M	BR	N/A	GR	MT	G
3101E	E3	3.1	N/A	W	BU	N/A	IB	BR	N/A	GR	MT	VG
3301E	E3	3.3	N/A	Р	BR	N/A	IB	BR	N/A	LTW	MT	VG

RATING SCALE: E = Excellent, VG = Very Good, G = Good, AV = Average, F = Fair, R = Resistance, N/A = Not Available

FLOWER COLOR: P = Purple, W = White

HILUM: BL = Black, IBL = Imperfect Black, BU = Buff, BR = Brown

PLANT TYPE: I = Intermediate, IB = Intermediate Bush, MB = Medium-Bush

POD: T = Tan, BR = Brown

PUBESCENCE: LTW = Light Tawny, GR = Gray

RELATIVE PLANT HEIGHT: M = Medium, M+ = Medium+, MT = Medium-Tall

BROWN STEM ROT: R = Resistant, MR = Moderate Resistance, S = Susceptible, NG = No Gene

RR2X - Roundup Ready 2 Xtend® Soybeans, E3 - Enlist E3™ Soybeans, XF / XF/SR - XtendFlex® Soybeans

SOYBEAN LEADER BRANDS

2701E

E3

2901E

E3

SCN + Rps 1a with very good field tolerance

- Tall and upright plant style with good standability
- Loves stress but also works in the HYE
- Yield spike at 2.7 RM for broad acres

- Above average standability scores
- Very good PRR tolerance

3020E

E3

3101E

- Excellent disease tolerance and standability
- Excellent SDS and very good WM tolerance
- Very good consistency across multiple years

- Excellent IDC and Frogeye Leaf Spot tolerance
- Rps 1c with excellent field tolerance
- Very good emergence and stress tolerance

PLANT HARDINESS

DISEASE RESISTANCE

Standability	Stress Tolerance	Brown Stem Rot	Iron Chlorosis	Phytophthora Gene	SCN Greenhouse	SCN Marker	Sudden Death Syndrome	White Mold	Frogeye	BRAND
G	VG	R	VG	H1k	R3, MR14	PI 88.788	G	G	N/A	2001E
VG	N/A	R	G	Rps 1k	R3, MR14	PI 88.788	F	G	N/A	2101E
VG	N/A	S	G	Rps1c	N/A	N/A	AV	G	N/A	2221XFS
VG	VG	R	G	Rps 1k	R3, MR14	PI 88.788	VG	VG	N/A	2301E
F	VG	R	VG	NG	R3, MR14	PI 88.788	F	F	VG	2501E
G	VG	NG	G	NG	R3, MR14	PI 88.788	F	F	N/A	2701E
VG	VG	Е	VG	Rps 1c, 1.5 TOL	R3, MR14	PI 88.788	VG	G	N/A	2818NRX
G	VG	NG	F	Rps 1a	R3, MR14	PI 88.788	F	N/A	F	2901E
VG	Е	Е	VG	HRps 1c, 2.3 TOL	R3, MR14	PI 88.788	VG	N/A	N/A	2919NRXS
Е	VG	R	VG	NG	R3, MR14	PI 88.788	VG	VG	VG	3020E
G	N/A	MR	N/A	Rps 3a	N/A	N/A	F	N/A	N/A	3031XF
F	VG	MR	VG	Rps 1c	R3, MR14	PI 88.788	F	F	VG	3101E
G	VG	MR	VG	NG	R3, MR14	PI 88.788	F	F	G	3301E

*No dicamba may be used in-crop with seed in the Roundup Ready® Xtend Crop System unless and until approved by the U.S. EPA and the appropriate state agency for such use. As of August 21, 2020, no dicamba formulations are currently registered by the U.S. EPA for in-crop use with seed in the Roundup Ready® Xtend Crop System in the 2021 season. Current stocks of dicamba herbicides previously approved for in-crop use with seed in the Roundup Ready® Xtend Crop System may not be used for the 2021 growing season. Dicamba may harm crops that are not tolerant to dicamba. Contact the U.S. EPA and your state pesticide regulatory agency with any questions about the approval status of dicamba herbicides products for in-crop use with seed in the Roundup Ready® Xtend Crop System.

NOTICE: DO NOT APPLY ANY HERBICIDE TO SEED IN THE ROUNDUP READY® XTEND CROP SYSTEM UNLESS IT HAS A PRODUCT LABEL SPECIFICALLY AUTHORIZING THAT USE. TO USE A HERBICIDE IN ANY MANNER INCONSISTENT WITH ITS LABELING IS A VIOLATION OF FEDERAL LAW. REFER TO THE BAYER TECHNOLOGY USE GUIDE FOR DETAILS AND RECOMMENDATIONS ON USING APPROVED ROUNDUP AND LIBERTY® BRANDED HERBICIDES ON SEED IN THE ROUNDUP READY® XTEND CROP SYSTEM.



Before opening a bag of seed, be sure to read, understand and accept the stewardship requirements, including applicable refuge requirements for insect resistance management, for the biotechnology traits expressed in the seed as set forth in the technology agreement that you sign. By opening and using a bag of seed, you are reaffirming your obligation to comply with the most recent stewardship requirements.

Monsanto Company is a member of Excellence Through Stewardship* (ETS). Monsanto products are commercialized in accordance with ETS Product Launch Stewardship Guidance, and in compliance with Monsanto's Policy for Commercialization of Biotechnology-Derived Plant Products in Commodity Crops. This product has been approved for import into key export markets with functioning regulatory systems. Any crop or material produced from this product can only be exported to, or used, processed or sold in countries where all necessary regulatory approvals have been granted. It is a violation of national and international law to move material containing biotech traits across boundaries into nations where import is not permittled. Growers should talk to their grain handler or product purchaser to confirm their buying position for this product. Excellence Through Stewardship* is a registered trademark of Excellence Through Stewardship.

B.t. products may not yet be registered in all states. Check with your representative for the registration status in your state.

IMPORTANT IRM INFORMATION: RIB Complete* corn blend products do not require the planting of a structured refuge except in the Cotton-Growing Area where corn earworm is a significant pest. SmartStax* RIB Complete* corn blend is not allowed to be sold for planting in the Cotton-Growing Area. See the IRM/Grower Guide for additional information. Always read and follow IRM requirements.

ALWAYS READ AND FOLLOW PESTICIDE LABEL DIRECTIONS. Roundup Ready technology contain genes that confer tolerance to glyphosate, an active ingredient in Roundup" brand agricultural herbicides. Agricultural herbicides containing glyphosate will kild crops that are not tolerant to glyphosate.

Performance may vary from location to location and from year to year, as local growing, soil and weather conditions may vary. Growers should evaluate data from multiple locations and years whenever possible and should consider the impacts of these conditions on the grower's fields.

Seed Piracy Statement: Seed containing a patented trait can only be used to plant a single commercial crop from which seed cannot be saved and replanted. Examples of seed containing a patented trait include but are not limited to Roundup Ready 2 Yteld" soybeans. Additional information and limitations on the use of these products are provided in the Monsanto Technology Stewardship Agreement and the Monsanto Technology Use Guide. U.S. patents for Monsanto technologies can be found at the following webpage: http://www.monsantotechnology.com.

Roundup Ready 2 Xtend* soybeans contain genes that confer tolerance to glyphosate and dicamba. Products with XtendFlex* Technology contains genes that confer tolerance to glyphosate, glufosinate and dicamba. Glyphosate will kill crops that are not tolerant to glyphosate. Dicamba will kill crops that are not tolerant to glufosinate will kill crops that are not tolerant to glufosinate. Contact your seed brand dealer or refer to the Monsanto Technology Use Guide for recommended weed control programs.

XtendFlex* soybeans have received full approval for planting in the United States but are pending approval in certain export markets. For 2020, XtendFlex* soybeans will be available as part of a stewarded introduction only to growers who have signed a 2020 XtendFlex* Stewardship Agreement and agree to follow the stewardship requirements. Commercial availability in 2021 is dependent upon regulatory approval.

Roundup Ready 2 Xtend", XtendFlex", RIB Complete and Design", RIB Complete", Roundup Ready 2 Technology and Design", SmartStax and Design", SmartStax and VT Double PRO" are trademarks of Bayer Group. LibertyLink" and the Water Droplet







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Important: Always read and follow label and bag tag instructions; only those labeled as tolerant to glufosinate may be sprayed with glufosinate ammonium based herbicides. Agrisure*, Agrisure Viptera* and E-Z Refuge* are registered trademarks of a Syngenta Group Company.

Agrisure" Technology incorporated into these seeds is commercialized under license from Syngenta Seeds, Inc. Herculew" Technology incorporated into these seeds is commercialized under license from Dow AgroSciences LIC. HERCULEX" and the HERCULEX Shield are trademarks of Dow AgroSciences LIC.

Seeds containing the Enlist, Herculex and PowerCore traits are protected under numerous US patents. Seeds containing patented traits can only be used to plant a single commercial crop and cannot be saved or replanted. You acknowledge and agree to be bound by the terms and conditions of the following documents in effect at the time of planting of this seed: (i) the Technology Use Agreement and (ii) the Product Use Guides for all technologies in this seed, including the Herbicide Resistance Management (HRM), and Use requirements detailed therein (www.corteva.us/Resources/trait-stewardship.html). To plant Enlist, Herculex and PowerCore seed, you must have a limited license from Corteva Agriscient or other appropriate affiliates). In consideration of the foregoing, Corteva Agriscience grants to the Grower the limited license to use its technology use to produce only a single commercial crop in the United States under the terms and conditions set forth in the Technology Use Agreement in effect at the time of planting of this seed. Always read and follow herbicide label directions prior to use: Enlist' products contain the Enlist trait that provides crop safety for use of labeled over-the-top applications of glyphosate, glufosinate and 2,4-D herbicides featuring Colex-D" technology when applied according to label directions. Following burndown, the only 2,4-D containing herbicide products that may be used with Enlist crops are products that feature Colex-D technology and are expressly labeled for use on Enlist crops. 2,4-D products that do not contain Colex-D technology are not authorized for use in conjunction with Enlist products. Enlist corn contains genes that confer tolerance to 2,4-D and -fop herbicides. 2,4-D and -fop herbicides will damage or kill crops that are not tolerant to 2,4-D or-fops.

Enlist E3" soybean seeds containing the Enlist" trait can only be used to plant a single commercial crop. It is unlawful to save and replant Enlist E3" soybeans. Additional information and limitations on the use of these products are provided in the Corteva Agriscience Technology Use Agreement and Enlist" Soybean Product Use Guide. US, patents for Dow AgroSciences technologies can be found at the following webpage: www.corteva.us/Resources/trait-stewardship.html.

Dow AgroSciences is a member of Excellence Through Stewardship* (ETS). Dow AgroSciences products are commercialized in accordance with ETS product launch stewardship guidance and Dow AgroSciences Product Launch Stewardship Policy. No crop or material produced from this product can be exported to, used, processed or sold across boundaries into nations where import is not permitted. Growers should talk to their grain handler or product purchaser to confirm their buying position for this product. For further information about your crop or grain marketing options, contact DAS at 877-4-TRAITS (877-487-2487). Information regarding the regulatory and market status of agricultural biotechnology products can be found at: www.biotradestatus.com.

The transgenic soybeans event in Enlist E3" soybeans is jointly developed and owned by Dow AgroSciences LLC and M.S. Technologies, L.L.C. =""Enlist, Enlist E3, the Enlist E3 logo, and Colex-D are trademarks of The Dow Chemical Company ("Dow") or an affiliated company of Dow. Excellence Through Stewardship is a registered trademark of Excellence Through Stewardship.



Corn Traits

3220A E-Z	Agrisure Viptera 3220A F-Z Refuge'	Agrisure Viptera® 3220A E-Z Refuge®				
SSRIB	SmartStax*	SmartStax® RIB Complete® Corn Blend				
VT2PRIB	VTDoublePRO®	VT Double PRO® RIB Complete® Corn Blend				

Soybean Traits

RR2X	ROUNDUP READY 2 TEND SOYBEANS	Roundup Ready 2 Xtend® Soybeans
XF / XF/SR	TENDFLEX. SOYBEANS EXPECTED SOON	XtendFlex® Soybeans
E3	Enlist E3 SOYBEANS	Enlist E3® Soybeans

The Enlist™ System - Get Control of Tough Weeds



- · New 2,4-D Choline
- Glyphosate
- Glufosinate

Following burndown, Enlist Duo® and Enlist One® with Colex-D® technology are the only herbicides containing 2,4-D that are labeled for preemergence and postemergence use with Enlist E3™ soybeans.



HERBICIDE

- Convenient blend of 2,4-D choline and glyphosate
- Two modes of action to deliver control and help prevent resistance in your fields



HERBICIDE

- Straight-goods 2,4-D choline with additional tank-mix flexibility
- Ability to tank-mix with Liberty® herbicide and other qualified herbicides, customizing the ratio of herbicides to match each farm's needs

On-Target Applications

- 90% less drift than traditional 2.4-D
- 96% less volatile than 2,4-D ester



Verification Required The last patent on the original Roundup Ready® soybean trait expired a few years ago and U.S. farmers may legally plant saved seed from some varieties of soybean containing the Roundup Ready® soybean trait. However, it is important that you check with your seed supplier to determine if a specific Roundup Ready® soybean variety is covered by other intellectual property rights, and if so, the policy for saving seed of that variety.

Higher Seeding Rate A higher seeding rate may be required for bin-run Roundup Ready® soybeans compared to new branded seed.

Yield Loss Roundup Ready 2 Yield® soybean varieties and Roundup Ready 2 Xtend® soybean varieties typically have a higher yield opportunity than Roundup Ready® soybean varieties*.

Cleanout Loss Loss of seed and/or shrink occurs during the seed cleaning and handling processes for bin-run seed.

Seed Treatment Costs Treating your seed will add costs—both the cost of the treatment and the application of that treatment.

Lost Income Every bushel of saved seed you plant is a bushel you're not selling as commodity grain.

Increased Seed Management If you plan to save and bin-run Roundup Ready® soybeans for planting, you will have to manage your harvest operations and grain storage so that the seed isn't co-mingled with other seed that's covered by intellectual property rights.

High Value of New Branded Seed

LATEST TECHNOLOGY

// High-yielding soybean technologies

// Better variety options

// Leading seed treatment options

CUSTOMER SERVICE

// Dealer agronomic support before and after the sale

// Replant policy support

// Convenient packaging and delivery

RELIABLE GERMINATION AND QUALITY

// Rigorously tested and meets
U.S. Federal Seed Act requirements

// Free of seed-borne diseases

// Properly stored and conditioned



Monsanto** receives calls and letters each year about potential seed compliance matters. Anyone with a concern or question can anonymously call 1-800-768-6387.

*Roundup Ready 2 Yield® soybeans and Roundup Ready 2 Xtend® soybeans are covered by different patents than original Roundup Ready® soybeans and cannot be saved and planted. For more information about seed innovation and intellectual property protection, please visit www.seedipalliance.com.

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Monsanto Company is a member of Excellence Through Stewardship® (ETS). Monsanto products are commercialized in accordance with ETS Product Launch Stewardship Guidance, and in compliance with Monsanto's Policy for Commercialization of Biotechnology-Derived Plant Products in Commodity Crops. This product has been approved for import into key export markets with functioning regulatory systems. Any crop or material produced from this product can only be exported to, or used, processed or sold in countries where all necessary regulatory approvals have been granted. It is a violation of national and international law to move material containing biotech traits across boundaries into nations where import is not permitted. Growers should talk to their grain handler or product purchaser to confirm their buying position for this product. Excellence Through Stewardship® is a registered trademark of Excellence Through Stewardship.

ALWAYS READ AND FOLLOW PESTICIDE LABEL DIRECTIONS. 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. 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 technology contains genes that confer tolerance to glyphosate, an active ingredient in Roundup® brand agricultural herbicides. Roundup Ready® 2 Technology contains genes that confer tolerance to glyphosate. Roundup Ready 2 Xtend® soybeans contain 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. Contact your seed brand dealer or refer to the Monsanto Technology Use Guide for recommended weed control programs.

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