



SEED CATALOG 2017



OUR PROMISE

COMMITTED TO HELP YOU GROW.

Axis Seed™ is the fastest-growing independent seed company in the U.S. because of our unique business model. Through our locally owned Independent Regional Companies (IRCs), you have access to the latest traits and technologies. Your IRC won't waste your time with unnecessary buzzwords or orders from corporate. What you can expect is a dedicated partnership where you receive personalized, premium products that are designed to perform in your specific soil—because helping you succeed is the only way we do.

Working with Axis is unlike your relationship with any other company, and it won't take long to see why.

Grow Strong™

WE GET IT, BECAUSE WE LIVE IT

Lakeland Ag is run by Mike Schneider, an experienced seedsman born and raised in agriculture. He began working with seed at the age of five at his father's seed dealership. His entire post-college career has been dedicated to learning more about the evolving industry. After working for various large companies and corporations, Mike decided it was time to be his own boss. He teamed up with Axis Seed in 2011 and hasn't looked back since.

This partnership allows Lakeland to provide its customers the level of service they deserve. As a farmer himself, Mike understands that one size does not fit all—each farm and acre need customized services. That's what makes Lakeland stand out. It has access to the latest genetics and traits like a large provider, and decisions are made on a local level. This gives growers the opportunity to provide input and receive the products that match their goals. In addition to altering Lakeland's production plan to better fit his customers' needs, Mike even gained access to unique fertilizer products when no one else in the area would offer what growers requested.

This dedication is a trait Lakeland Ag is proud of, and it's coupled with the experience and expertise that will help you get the most from your acres. Learn more about partnering with a company that delivers on your specific needs.



ARE YOU TAKING ADVANTAGE OF THE **LATEST TECH?**

You can with SeedSyncSM

We understand that the industry is evolving at a fast pace — we're here to help you keep up. From offering the latest genetics and traits to providing drone training and precision ag solutions, SeedSync is your resource for understanding and implementing the technology that fits your applications.

Contact us to get more
from your seed.

seedSYNCSM
Solutions for Modern Ag

CORN BRANDS

Your soil is unique. Get more from it with select hybrids.

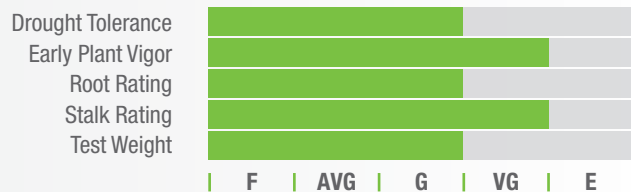
Corn Traits

RR2		Roundup Ready® Corn 2
GENSSRIB		SmartStax® RIB Complete® Corn Blend
VT2PRIB		VT Double PRO® RIB Complete® Corn Blend
VT3PRIB		Genuity® VT Triple PRO® RIB Complete® Corn Blend
3122A E-Z Refuge		Agrisure® 3122A E-Z Refuge®

30B20 VT2PRIB

79-81 Day Maturity

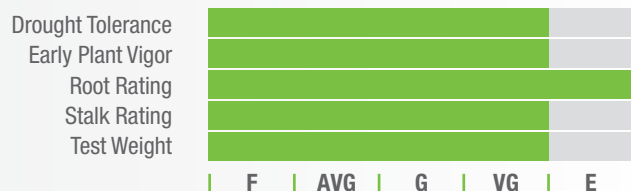
- › Impressive yields with fast dry down
- › Medium-tall stature makes for a great dual-purpose hybrid
- › Strong seedling vigor
- › Good stay green and late season intactness



35N25 VT2PRIB

84-86 Day Maturity

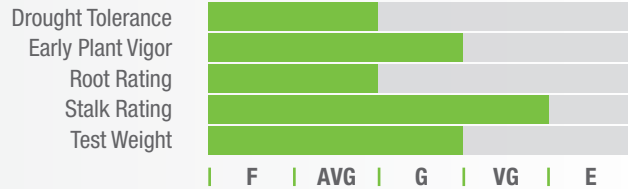
- › Outstanding top-end yield potential with fast dry down
- › Excellent late season stay green and intactness
- › Exceptional stalk and root strength for maturity
- › Very good southern movement



40G81 VT3PRIB

89-91 Day Maturity

- › Consistent, girthy ear
- › Attractive fall appearance
- › Very good stalks and stay green
- › Best performance at higher populations



* Local observations from Lakeland Ag.

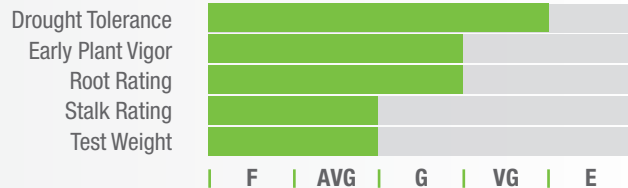
NEW!

41D25 VT2PRIB

90-92 Day Maturity

Also Available: 41D55GENSSRIB

- › Very good yield potential
- › Good disease package
- › Dual-purpose potential
- › Early flowering
- › Good ear flex and dry down with open husks

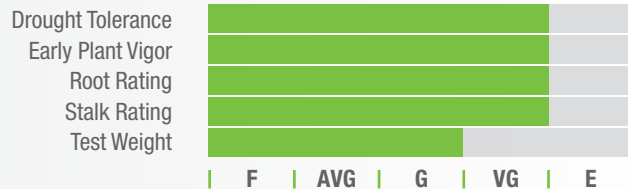


42M53 GENSSRIB

91-93 Day Maturity

Also Available: 42M23VT2PRIB

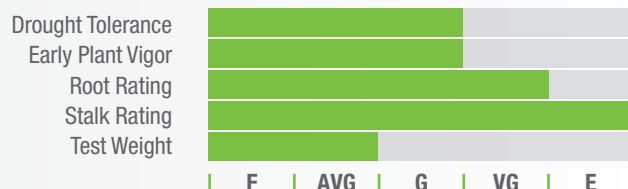
- › Tremendous yield performance across years
- › Widely adapted across varying environments
- › Very good early vigor with good stress tolerance
- › Exceptional consistent ear development



42P55 GENSSRIB

91-93 Day Maturity

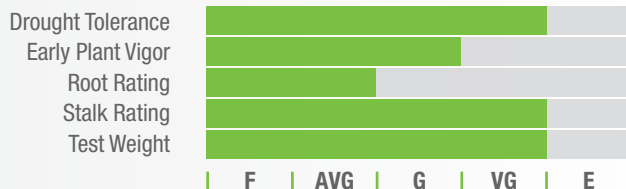
- › High yield potential
- › Early flowering for maturity
- › Strong stalks and roots enable later harvest window
- › Attractive fall appearance



44B91 GENSSRIB

93-95 Day Maturity

- » Best performance as a full season hybrid
- » Very good stalks
- » Good test weight, dry down and seedling vigor
- » Responds to high populations

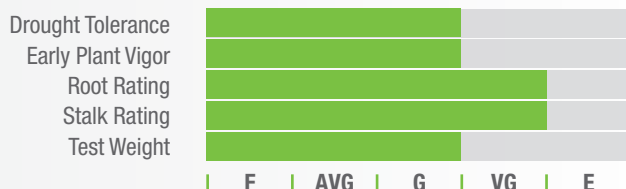


45I97 VT3PRIB

94-96 Day Maturity

Also Available: 45I95RR2

- » Very good late season intactness and plant health
- » Stable performance
- » Early flowering hybrid
- » Responds well to higher populations



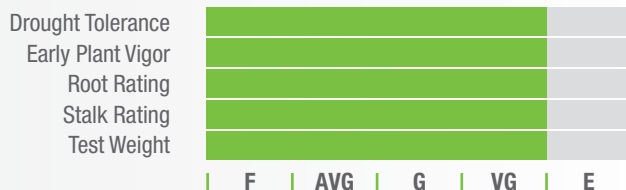
* Local observations from Lakeland Ag.

45T62 VT3PRIB

94-96 Day Maturity

Also Available: 45T65VT2PRIB

- » Shorter high yielding hybrid
- » Excellent drought and greensnap tolerance
- » Good Goss' Wilt tolerance
- » Very good test weight and late season health

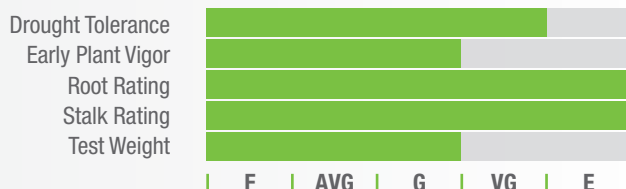


* Local observations from Lakeland Ag.

46H50 GENSSRIB

95-97 Day Maturity

- » Great yield potential with consistency
- » Excellent root and stalk strength
- » Good stay green and late season intactness
- » Very good stress tolerance

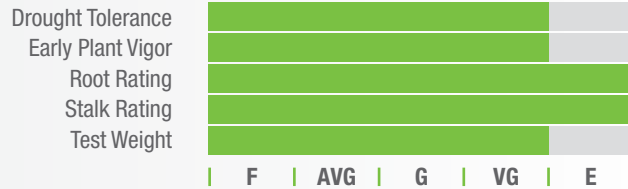


NEW!

48T58 GENSSRIB

97-99 Day Maturity

- » Medium compact stature with impressive agronomics
- » Widely adapted east to west
- » Excellent stalk and root strength
- » Flex ear with fast dry down and very good test weight



NEW!

49R53 GENSSRIB

98-100 Day Maturity

Also Available: 49R23VT2PRIB

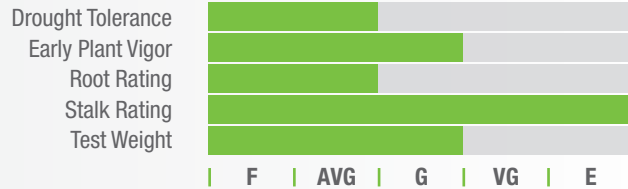
- » Good adaptability from east to west
- » Excellent stalk rating
- » Tall attractive plant with good health
- » Strong Goss' Wilt tolerance



49Z59 GENSSRIB

98-100 Day Maturity

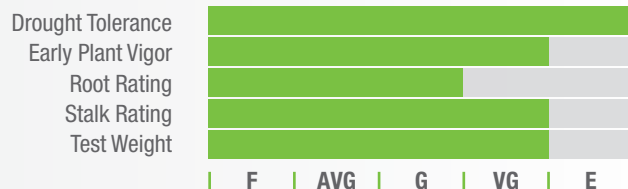
- » Great top-end yield
- » Excellent stalk strength
- » Early flowering for maturity
- » Fast dry down with an open husk



NEW!

51L53 3122A E-Z Refuge 100-102 Day Maturity

- » Broadly adapted Agrisure Artesian® Hybrid
- » Very good stalks
- » Widely adapted across many environments
- » Excellent corn on corn hybrid



* Local observations from Lakeland Ag.

PLANT CHARACTERISTICS

BRAND	TECH	MATURITY	50% Silk	Black Layer	Cob Color	Ear Height	Ear Type	Kernel Rows	Leaf Angle	Plant Height	Test Weight	Corn on Corn
30B20	VT2PRIB	79-81	1120	2090	R	M	SFL	16-18	SU	MT	G	WF
35N25	VT2PRIB	84-86	1135	2150	R	M	SFL	16-18	SU	MT	VG	WF
40G81	VT3PRIB	89-91	1220	2296	P	M	D	14-16	SU	MT	G	NR
41D25	VT2PRIB	90-92	1139	2221	R	M	SFL	16-18	SU	T	AV	WF
41D55	GENSSRIB	90-92	1139	2221	R	M	SFL	16-18	SU	T	AV	WF
42M23	VT2PRIB	91-93	1240	2310	R	M	SFL	16-18	SU	MT	G	R
42M53	GENSSRIB	91-93	1240	2310	R	M	SFL	16-18	SU	MT	G	R
42P55	GENSSRIB	91-93	1225	2389	R	M	D	16-18	SU	MT	AV	R
44B91	GENSSRIB	93-95	1248	2471	P	M	D	14-16	U	M	VG	WF
45I95	RR2	94-96	1250	2382	R	M	D	14-16	SU	MS	G	R
45I97	VT3PRIB	94-96	1250	2382	R	M	D	14-16	SU	MS	G	R
45T62	VT3PRIB	94-96	1245	2465	R	ML	D	16-18	SU	MS	VG	R
45T65	VT2PRIB	94-96	1245	2465	R	ML	D	16-18	SU	MS	VG	R
46H50	GENSSRIB	95-97	1243	2461	R	MH	SD	16-18	SU	M	G	R
48T58	GENSSRIB	97-99	1240	2500	R	M	SFL	18-20	SU	M	VG	R
49R23	VT2PRIB	98-100	1191	2287	R	M	SFL	16-18	SU	T	VG	R
49R53	GENSSRIB	98-100	1191	2287	R	M	SFL	16-18	SU	T	VG	R
49Z59	GENSSRIB	98-100	1249	2460	R	M	SD	18-20	SU	M	G	WF
51L53	3122A E-Z Refuge	100-102	1335	1300	P	MH	SFL	14-16	N/A	MT	VG	E

RR2 - Roundup Ready® Corn 2

GENSSRIB - SmartStax® RIB Complete® Corn Blend

VT2PRIB - VT Double PRO® RIB Complete® Corn Blend

VT3PRIB - Genuity® VT Triple PRO® RIB Complete® Corn Blend

3122 E-Z Refuge - Agrisure® 3122 E-Z Refuge®

PLANT HARDINESS

DISEASE RESISTANCE

Drought Tolerance	Early Plant Vigor	Green-snap	Population Tolerance	Root Rating	Stalk Rating	Stay Green	Common Rust	Goss' Wilt	Gray Leaf Spot	Northern Leaf Blight (1)	Northern Leaf Blight (2)	Stalk Anthracnose
G	VG	N/A	32-36	G	VG	VG	VG	F	G	VG	N/A	N/A
VG	VG	N/A	32-38	E	VG	VG	VG	VG	G	VG	N/A	N/A
AV	G	N/A	32-34	AV	VG	VG	VG	AV	AV	G	AV	AV
VG	G	G	32-36	G	AV	AV	VG	VG	N/A	G	N/A	G
VG	G	G	28-34	G	AV	AV	VG	VG	N/A	G	N/A	G
VG	VG	N/A	32-36	VG	VG	G	G	G	G	VG	N/A	N/A
VG	VG	N/A	32-36	VG	VG	G	G	G	G	VG	N/A	N/A
G	G	VG	32-36	VG	E	G	VG	F	AV	G	N/A	G
VG	G	VG	32-36	AV	VG	F	VG	G	G	AV	F	G
N/A	G	N/A	32-36	VG	VG	AV	N/A	AV	G	G	F	G
G	G	N/A	32-36	VG	VG	AV	N/A	AV	G	G	F	G
VG	VG	E	30-34	VG	VG	G	VG	G	N/A	G	AV	G
VG	G	E	30-34	VG	VG	G	VG	G	N/A	G	AV	G
VG	G	AV	34-38	E	E	G	VG	VG	N/A	N/A	VG	G
VG	VG	N/A	28-34	E	E	F	E	F	VG	VG	N/A	N/A
G	VG	VG	28-34	VG	E	VG	N/A	VG	AV	VG	N/A	N/A
G	VG	VG	28-34	VG	E	VG	N/A	VG	AV	VG	N/A	N/A
AV	G	VG	30-36	AV	E	G	VG	F	N/A	N/A	VG	G
E	VG	N/A	28-34	G	VG	VG	N/A	VG	G	G	N/A	N/A

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

COB COLOR: R = Red, P = Pink, W = White

EAR/PLANT HEIGHT: L = Low, ML = Medium-Low, M = Medium, MH = Medium-High, H = High, MT = Medium-Tall, T = Tall

EAR TYPE: D = Determinate, SD = Semi-Determinate, SFX = Semi-Fixed, SFL = Semi-Flex, FL = Flex, FX = Fixed



LEAF ANGLE: SU = Semi-Upright, U = Upright, SF = Semi-Flat

CORN ON CORN: R = Recommended, WF = With Fungicide, G = Good, NR = Not Recommended

SOYBEAN BRANDS

The truth is, there's no "average acre."
So why choose an average bean variety?

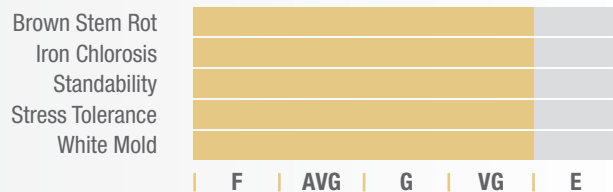
Soybean Traits

RR2X		Roundup Ready 2 Xtend® Soybeans
LL		LibertyLink® Soybeans

NEW!

0727NRX RR2X 0.7 Relative Maturity

- » Very good IDC tolerance
- » Very good stress tolerance
- » Tall Roundup Ready 2 Xtend® Soybean



NEW!

1017NRX RR2X 1.0 Relative Maturity

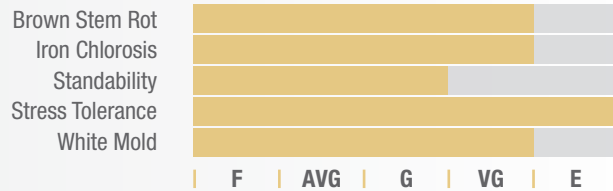
- » Very good western adaption
- » Very good emergence and standability
- » Very good stress tolerance



NEW!

1227NL LL 1.2 Relative Maturity

- » Strong early vigor with bushy fill-the-row plant type
- » Yield supportive defense for all key components
- » Excellent emergence and shatter scores
- » Very good SDS tolerance

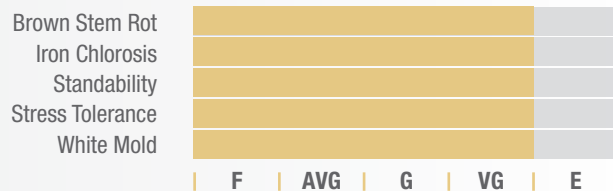


* Local observations from Lakeland Ag.

NEW!

1317NRX RR2X 1.3 Relative Maturity

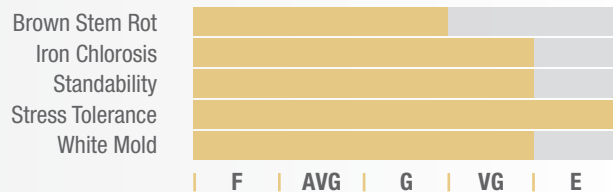
- » Very good emergence and standability
- » Very good stress tolerance
- » Very good IDC and BSR tolerance



NEW!

1427NRX RR2X 1.4 Relative Maturity

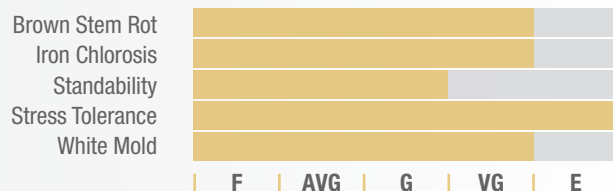
- » Excellent IDC tolerance
- » Excellent emergence and stress tolerance
- » Very good standability



NEW!

1716NL LL 1.7 Relative Maturity

- » Very good early vigor
- » Very good defense and agronomics
- » Excellent emergence



* Local observations from Lakeland Ag.

PLANT CHARACTERISTICS

BRAND	TECH	MATURITY	Estimated Seed Size	Flower Color	Hilum Color	Plant Type	Pubescence Color
0727NRX	RR2X	0.7	2300-2600	P	BR	TH	LTW
1017NRX	RR2X	1.0	2900-3200	P	BL	MB	LTW
1227NL	LL	1.2	2300	P	BL	MB	LTW
1317NRX	RR2X	1.3	2300-2600	P	BL	MB	LTW
1427NRX	RR2X	1.4	2600-2900	P	IBL	MB	GR
1716NL	LL	1.7	2500	P	BL	MB	LTW

RR2X - Roundup Ready 2 Xtend® Soybeans

LL - LibertyLink® Soybeans

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

FLOWER COLOR: P = Purple, W = White

HILUM COLOR: BR = Brown, BL = Black, IBL = Imperfect Black

PLANT TYPE: MB = Medium-Bush

PUBESCENCE COLOR: LTW = Light Tawny, T = Tawny, G = Gray

PLANT HARDINESS

DISEASE RESISTANCE

Emergence Rating	Standability Rating	Stress Tolerance	Brown Stem Rot	Iron Chlorosis	Phytophthora Root Rot	SCN Greenhouse	SCN Marker	White Mold
VG	VG	VG	VG	VG	HRps 3a, 1.7 TOL	R3, MR14	PI 88.788	VG
E	VG	VG	VG	VG	Rps 3a, 1.5 TOL	R3, MR14	PI 88.788	VG
E	G	E	VG	VG	Rps1c	N/A	N/A	VG
VG	VG	VG	VG	VG	Rps 3a+1c, 1.5 TOL	MR3, MS14	PI 88.788	VG
E	VG	E	G	VG	HRps, 1c, 2.2 TOL	R1, R3, R5	Peking	VG
E	G	E	VG	VG	N/A	N/A	N/A	VG

LIBERTYLINK® PATENT STATEMENT

Seeds containing the LibertyLink® trait are protected under multiple U.S. patents and may be planted only to produce one (1) commercial crop, and only after signing a Bayer Grower Technology Agreement. It is illegal to save or catch seeds containing the LibertyLink trait for use as planting seed or for transfer to others for use as planting seed.

SOYBEAN PIRACY STATEMENT

Seeds containing the Genuity® Roundup Ready 2 Yield® or the Roundup Ready 2 Xtend® traits can only be used to plant a single commercial crop. It is unlawful to save and replant Genuity® Roundup Ready 2 Yield® or Roundup Ready 2 Xtend® soybeans. Additional information and limitations on the use of these products are provided in the Monsanto Technology Stewardship Agreement, the Monsanto Technology Use Guide, and 2016 Technology Use Guide Addendum to include Roundup Ready 2 Xtend® Soybeans. U.S. patents for Monsanto technologies can be found at the following webpage: <http://www.monsantotechnology.com>.

BENEFITS OF NEW SEED: High Value of New Branded Seed**Latest Technology**

- Highest yielding soybean technology available
- Six soybean trait products anticipated to come from Monsanto in the next 2-7 years*
- 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 for quality and meets US Federal Seed Act requirements
- Free of seed-borne diseases
- Properly stored and conditioned

*Pending regulatory approvals.



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.

As of this printing no dicamba herbicide product has been approved for commercial in-crop use with Roundup Ready 2 Xtend® soybeans. **DO NOT APPLY DICAMBA HERBICIDE IN-CROP TO Roundup Ready 2 Xtend® Soybeans in 2016 unless you use a dicamba herbicide product that is specifically labeled for that use in the location where you intend to make the application. While no in-crop use of dicamba is currently approved, some dicamba products may be labeled for weed control prior to planting a crop and subject to minimum plant back restrictions. IT IS A VIOLATION OF FEDERAL AND STATE LAW TO MAKE AN IN-CROP APPLICATION OF ANY DICAMBA HERBICIDE PRODUCT ON Roundup Ready 2 Xtend® Soybeans, OR ANY OTHER PESTICIDE APPLICATION, UNLESS THE PRODUCT LABELING SPECIFICALLY AUTHORIZES THE USE.** 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 and follow all pesticide product labeling.

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. Certain products have been approved for import into key export markets with functioning regulatory systems. Roundup Ready 2 Xtend soybeans have been approved for cultivation in the U.S. and Canada, and for import in Australia/New Zealand, Colombia, China, Japan, Korea, Mexico, Taiwan, and Vietnam. The single events in Roundup Ready 2 Xtend soybeans have been approved for import in the EU. As of February 2, 2016, E.U. stack approval for Roundup Ready 2 Xtend soybeans is in the final stage of approval and is expected but not guaranteed to be received in the near future. 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. Growers should refer to <http://www.biotradestatus.com/> for any updated information on import country approvals. Excellence Through Stewardship® is a registered trademark of Biotechnology Industry Organization.

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

IMPORTANT IRM INFORMATION: Genuity® 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. Always read and follow IRM requirements.

ALWAYS READ AND FOLLOW PESTICIDE LABEL DIRECTIONS. Roundup Ready 2 Xtend Soybeans contains genes that confer tolerance to glyphosate and dicamba. Glyphosate herbicides will kill crops that are not tolerant to glyphosate. Dicamba will kill crops that are not tolerant to dicamba. Contact your Monsanto dealer or refer to Monsanto's Technology Use Guide for recommended Roundup Ready® Xtend Crop System weed control programs.

Acceleron and Design®, DroughtGard®, Genuity Design®, Genuity Icons, Roundup®, Roundup Ready 2 Yield®, Roundup Ready®, Roundup Ready 2 Technology and Design®, Roundup Ready 2 Xtend®, RIB Complete and Design®, RIB Complete®, SmartStax and Design®, SmartStax®, SR Design™, VT Double PRO® and VT Triple PRO® are trademarks of Monsanto Technology LLC. LibertyLink and the Water Droplet Design® is a registered trademark of Bayer. Herculex® is a registered trademark of Dow AgroSciences LLC. Respect the Refuge and Corn Design® and Respect the Refuge® are registered trademarks of National Corn Growers Association. All other trademarks are the property of their respective owners.

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.



Caution: Do not spray E-Z Refuge® products with Liberty® Brand Herbicide. Agrisure®, Agrisure Artesian®, Artesian™, Agrisure Duracade®, Agrisure Viptera® and E-Z Refuge® are trademarks of a Syngenta Group Company. Agrisure® Technology incorporated into these seeds is commercialized under license from Syngenta Seeds, Inc. Herculex® Technology incorporated into these seeds is commercialized under license from Dow AgroSciences LLC. HERCULEX® and the HERCULEX Shield are trademarks of Dow AgroSciences LLC.

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Respect the Rotation™ is an initiative to elevate the importance and grower adoption of herbicide diversity to prevent or manage weed resistance. Glyphosate weed resistance is a dominating threat throughout the United States that affects land values, rental agreements, conservation tillage and can greatly reduce yields. The use of Integrated Weed Management practices, such as use of residuals, preemergence herbicides and rotation of crops, traits and herbicides, is critical as no one method is likely to be completely successful.





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