



SEED CATALOG 2018





OUR PROMISE

FAMILY-TO-FAMILY FARMING

Axis Seed™ is the fastest-growing independent seed company in the U.S. because of our unique business model. Through local, family-owned Independent Regional Companies (IRCs), you have access to the latest genetics, traits, and technologies, backed by people who genuinely care about your success. What you can expect is a dedicated partnership where you receive premium products selected for your specific soil and profit goals. Because even as the industry evolves with new technologies, success will always come from the relationship—and our family wants to see your family succeed.

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

Grow Strong™

Products selected for your farms.

Products evaluated and chosen for their genetic strengths, adaptation and performance here in Western Iowa.

SEED SELECTIONS ▶

Based on your situation, soil and profit goals

Products from thousands of genetic combinations

Broad access to multiple trait providers

Hand-picked according to conditions in your local area

CR Axis Seed Team



Jeremy Lupardus, Jason Nees, Jake Johnston, Kellanie Johnston, George Johnston and Marilyn Johnston

GET THE MOST FROM EVERY HARVEST.

You only get 40–50 cropping opportunities in a lifetime—set a higher standard with **SeedSync**. Partnering with your local Axis Seed specialist, you'll have access to location-specific data and the hybrids that will perform best in each unique condition. No nationwide algorithms. No selections based on corporate agendas.

Because recommendations are only as good as their source, and a computer doesn't know your fields like you do.

Call your trusted, local Axis Seed specialist today.



SEEDSYNCSM

CORN BRANDS

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



Corn Traits

DGVT2PRIB	 VTDoublePRO [®] RIB COMPLETE	DroughtGard [®] Hybrids with VT Double PRO [®] RIB Complete [®] Corn Blend
SSRIB		SmartStax [®] RIB Complete [®] Corn Blend
DC 5122 EZR	 5122 E-Z Refuge [®]	Agrisure Duracade [®] 5122 E-Z Refuge [®]
VT2PRIB		VT Double PRO [®] RIB Complete [®] Corn Blend

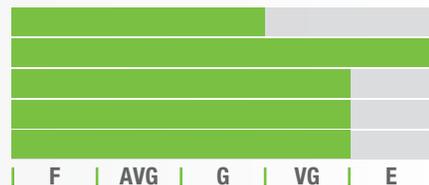
NEW!

53P21 VT2PRIB 102-104 Day Maturity

Also Available: 53P51 SSRIB

- » 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
- » Low greensnap risk

Drought Tolerance
Early Plant Vigor
Greensnap
Root Rating
Stalk Rating

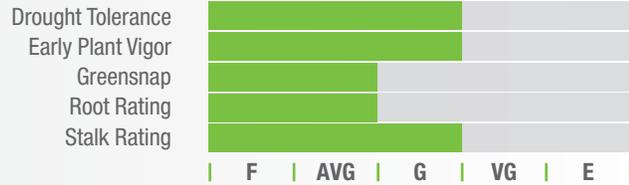






55M25 VT2PRIB 104-106 Day Maturity

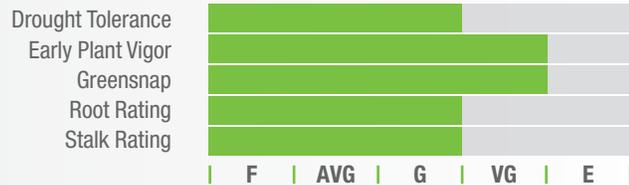
- » Outstanding performance across corn belt, north to south
- » Strong response to irrigation, good Goss' Wilt tolerance
- » Excellent test weight
- » Very good Southern Leaf Blight and Eye Spot tolerance



56Z20 VT2PRIB 105-107 Day Maturity

Also Available: 56Z50 SSRIB

- » Responds to high management for top-end yields
- » Very good test weight
- » Good east to west movement
- » Very good Goss' Wilt tolerance



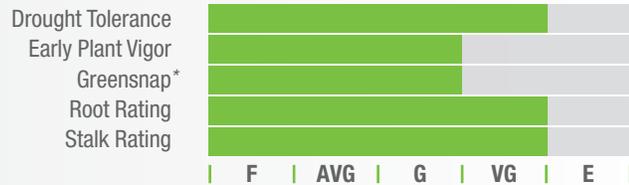
*Excellent performance north of zone as a full-season product.

NEW!

56H26 VT2PRIB 106-108 Day Maturity

Also Available: 56H56 SSRIB

- » Outstanding top-end yielding hybrid
- » Impressive disease tolerance including Goss' Wilt, NLB, GLS
- » Excels at medium to high populations
- » Strong stalks and roots with lower greensnap risk



57H25 VT2PRIB 106-108 Day Maturity

Also Available: 57H55 SSRIB

- » Excellent roots and very good stalks
- » Position on average to better soils
- » Very consistent ear within row
- » Good Goss' Wilt rating



*Local observations from CR Axis Seed.

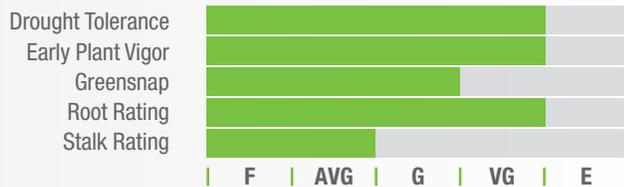
58A28 DGVT2PRIB 107-109 Day Maturity

- » Excellent yield with good east to west adaptation
- » Medium stature with good stalks and excellent roots
- » Strong ratings for foliar diseases and Goss' Wilt
- » Positive responses to high management and high density



58R28 VT2PRIB 107-109 Day Maturity

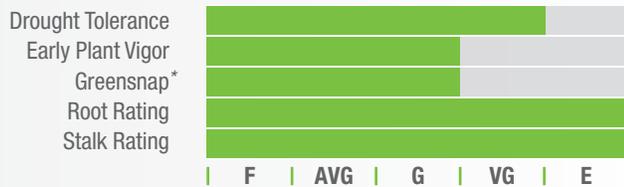
- » Attractive late-season plant integrity
- » Moves south as an early hybrid
- » Good tolerance to greensnap
- » Maintains deep kernels across environments



*Exceptional pollination under hot/dry conditions.

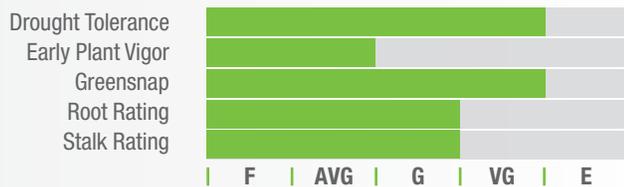
59M29 VT2PRIB 108-110 Day Maturity

- » High yield potential
- » Impressive stalk and root strength, great fall intactness
- » Medium stature with girthy ears and deep kernels
- » Recommend high populations for optimum yield



60K23 VT2PRIB 109-111 Day Maturity

- » Very strong yield potential
- » Very good ability to move north to south for RM
- » Wide adaptability for planting populations, good ear flex
- » Very good yield response to irrigation



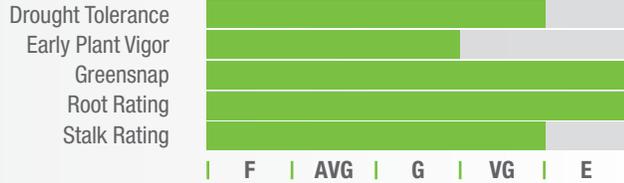
*Local observations from CR Axis Seed.



60R20 VT2PRIB 109-111 Day Maturity

Also Available: 60R50 SSRIB

- » Widely adaptable across many soil types
- » Large, girthy ear
- » Excellent greensnap tolerance
- » Excellent roots and very good stalks

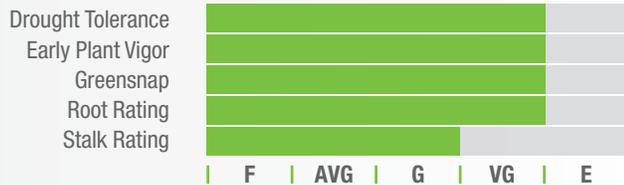


*60R50: Excellent choice for corn on corn.

62M25 VT2PRIB 111-113 Day Maturity

Also Available: 62M55 SSRIB

- » Very strong yield potential over a wide geography
- » Consistent performance over a wide range of soil types
- » Good southern movement for maturity
- » Excellent root rating with very good drought tolerance



*62M25: Carries ASR gene.

62P55 SSRIB 111-113 Day Maturity

- » Responds best at higher populations
- » Attractive hybrid with excellent stalks and roots
- » Very good Goss' Wilt tolerance
- » Very good greensnap rating

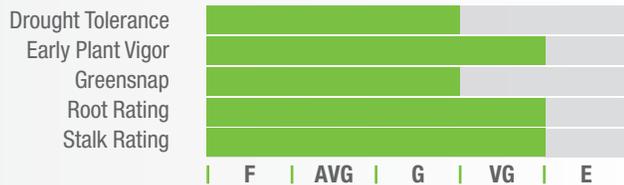


NEW!

62A28 VT2PRIB 111-113 Day Maturity

Also Available: 62A58 SSRIB

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



*Local observations from CR Axis Seed.

PLANT CHARACTERISTICS

	BRAND	TECH	MATURITY	Black Layer	Cob Color	Ear Height	Ear Type	Kernel Rows	Plant Height	Test Weight	Drought Tolerance
	51G25	VT2PRIB	100-102	2389	R	M	SD	16-18	M	G	VG
NEW	53P51	SSRIB	102-104	2417	P	M	SFL	14-16	MT	AV	G
NEW	53P21	VT2PRIB	102-104	2417	P	M	SFL	14-16	MT	AV	G
	54A20	VT2PRIB	103-105	2591	R	M	SD	18-20	M	AV	G
	55M25	VT2PRIB	104-106	2392	P	MH	SD	16-18	T	E	G
	56Z20	VT2PRIB	105-107	2569	R	M	SD	16-18	MT	VG	G
	56Z50	SSRIB	105-107	2569	R	M	SD	16-18	MT	VG	G
NEW	56H56	SSRIB	106-108	2645	R	M	SFL	16-18	MT	G	VG
NEW	56H26	VT2PRIB	106-108	2645	R	M	SFL	16-18	MT	G	VG
	57A25	VT2PRIB	106-108	2740	R	MH	SFL	16-18	MT	G	G
	57H25	VT2PRIB	106-108	2669	R	M	SFL	16-18	T	AV	AV
	57H55	SSRIB	106-108	2669	R	M	SFL	16-18	T	AV	AV
	58A28	DGVT2PRIB	107-109	2700	R	M	SD	16-18	M	G	VG
	58R28	VT2PRIB	107-109	2635	R	M	SD	14-16	M	G	VG
	59M29	VT2PRIB	108-110	2730	R	M	F	18-20	M	VG	VG
	60K23	VT2PRIB	109-111	2561	R	M	SFL	16-18	MT	G	VG
	60R20	VT2PRIB	109-111	2519	R	M	SD	14-16	M	G	VG
	60R50	SSRIB	109-111	2519	R	M	SD	14-16	M	G	VG
	62M25	VT2PRIB	111-113	2585	R	M	SD	16-18	MT	G	VG
	62M55	SSRIB	111-113	2585	R	M	SD	16-18	MT	G	VG
	62P55	SSRIB	111-113	2681	R	MH	SD	16-18	MT	VG	G
	64K24	VT2PRIB	113-115	2828	R	ML	SD	16-18	MS	VG	VG
NEW	62A58	SSRIB	111-113	2655	R	M	SFL	16-18	MT	E	G
NEW	62A28	VT2PRIB	111-113	2655	R	M	SFL	16-18	MT	E	G

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

COB COLOR: R = Red, P = Pink

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

EAR TYPE: SD = Semi-Determinate, SF = Semi-Fixed, SFL = Semi-Flex, FL = Flex, F = Fixed



PLANT HARDINESS

DISEASE RESISTANCE

Early Plant Vigor	Greensnap	Population Tolerance	Root Rating	Stalk Rating	Stay Green	Goss' Wilt	Gray Leaf Spot	Northern Leaf Blight (1)	Stalk Anthracnose
G	VG	H	E	VG	G	VG	AV	G	VG
E	VG	M-MH	VG	VG	G	VG	AV	G	AV
E	VG	M-MH	VG	VG	G	VG	AV	G	AV
G	E	H	AV	G	AV	VG	F	VG	AV
G	AV	MH-H	AV	G	AV	G	F	G	G
VG	VG	H	G	G	G	VG	G	G	G
VG	VG	H	G	G	G	VG	G	G	G
G	N/A	MH	VG	VG	VG	VG	G	VG	N/A
G	N/A	MH	VG	VG	VG	VG	G	VG	N/A
VG	N/A	MH-H	VG	G	VG	VG	VG	G	N/A
AV	AV	MH-H	E	G	G	G	AV	G	AV
AV	AV	MH-H	E	G	G	G	AV	G	AV
G	N/A	H	VG	VG	G	VG	VG	VG	N/A
VG	G	MH-H	VG	AV	G	F	F	VG	F
G	N/A	H	E	E	VG	F	VG	G	N/A
AV	VG	MH-H	G	G	AV	VG	AV	VG	AV
G	E	H	E	VG	G	G	AV	VG	AV
G	E	H	E	VG	G	G	AV	VG	AV
VG	VG	H	VG	G	AV	VG	AV	VG	F
VG	VG	H	VG	G	AV	VG	AV	VG	F
G	VG	H	E	VG	G	VG	VG	N/A	N/A
G	AV	H	VG	VG	F	AV	F	N/A	AV
VG	G	M-MH	VG	VG	G	G	AV	VG	N/A
VG	G	M-MH	VG	VG	G	G	AV	VG	N/A

DGVT2PRIB - DroughtGard® Hybrids with VT Double PRO® RIB Complete® Corn Blend, SSRIB - SmartStax® RIB Complete® Corn Blend, VT2PRIB - VT Double PRO® RIB Complete® Corn Blend



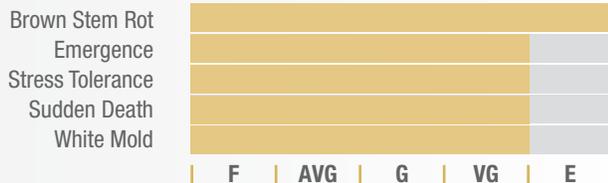
SOYBEAN BRANDS

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



NEW! **2218NRX** RR2X *2.2 Relative Maturity*

- » Very good looking golden tawny/tan plant
- » Very good emergence and standability
- » Brown Stem Rot resistance



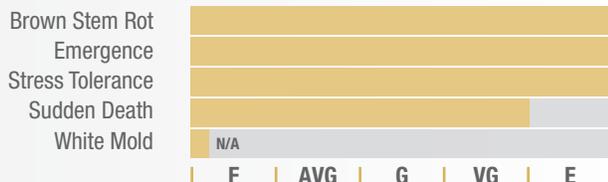
NEW! **2428NRX** RR2X *2.4 Relative Maturity*

- » Excellent stress tolerance
- » Very good Emergence
- » Brown Stem Rot resistance



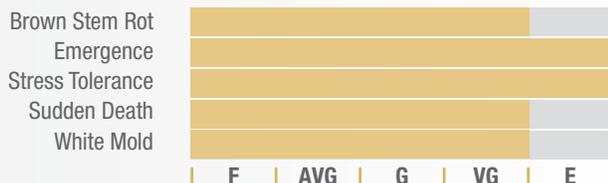
NEW! **2618NRX** RR2X *2.6 Relative Maturity*

- » Attractive gray/tan with excellent standability
- » Very good emergence and stress tolerance
- » Moderate resistance to Brown Stem Rot



2626NL LL *2.6 Relative Maturity*

- » Medium-tall, bushy plant type with excellent standability
- » Consistent east to west, works in all soil types
- » Terrific health which stood out all season
- » Excellent shatter score



PLANT CHARACTERISTICS

	BRAND	TECH	MATURITY	Estimated Seed Size	Flower Color	Oil	Plant Type	Pod Color	Protein	Pubescence Color	Relative Plant Height
NEW	2218NRX	RR2X	2.2	2300-2600	W	N/A	Med-Bush	T	N/A	TW	M
NEW	2428NRX	RR2X	2.4	2600-2900	P	N/A	Med-Bush	T	N/A	LTW	M+
NEW	2618NRX	RR2X	2.6	2300-2600	P	N/A	Med-Bush	T	N/A	GR	M+
	2626NL	LL	2.6	2900	P	21.8	Med-Bush	T	39	LTW	M
NEW	2818NRX	RR2X	2.8	N/A	P	21.7	Med-Bush	BR	40.5	GR	MT
	3026NRX	RR2X	3.1	N/A	P	41.8	Med-Bush	BR	20.98	GR	MT

Soybean Traits

RR2X		Roundup Ready 2 Xtend® Soybeans
LL		LibertyLink® Soybeans



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. Certain products have 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. Growers should refer to <http://www.biotradesstatus.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: 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.

DroughtGard® Hybrids with RIB Complete® corn blend the refuge seed may not always contain DroughtGard® Hybrids trait.

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. Contact your Monsanto dealer or refer to Monsanto's Technology Use Guide for recommended weed control programs.



Acceleron®, DroughtGard®, Genuity®, RIB Complete and Design®, RIB Complete®, Roundup Ready PLUS®, Roundup Ready 2 Technology and Design®, Roundup Ready 2 Xtend®, Roundup Ready 2 Yield®, Roundup Ready®, Roundup®, SmartStax and Design®, SmartStax®, SR Design®, VT Double PRO® and VT Triple PRO® VaporGrip®, and XtendMax® 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.

Consult bag tags for E-Z Refuge® product herbicide options; only those labeled GT/LL may be sprayed with glufosinate. Agrisure®, Agrisure Artesian®, Artesian™, Agrisure Duracade®, Agrisure Vpitera® 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.



PLANT HARDINESS

DISEASE RESISTANCE

Emergence Rating	Standability Rating	Stress Tolerance	Brown Stem Rot	Iron Chlorosis	Phytophthora Root Rot	SCN Greenhouse	SCN Marker	Sudden Death Syndrome	White Mold
VG	VG	VG	Res.	VG	Rps 1k+3a, 1.8 TOL	R3, MR14	PI 88.788	VG	VG
E	VG	E	Res.	VG	NG, 2.0 TOL	R3, MR14	PI 88.788	VG	G
E	VG	E	E	VG	Rps 1c, 1.4 TOL	R3, MR14	PI 88.788	VG	N/A
E	N/A	E	VG	VG	Rps1c	N/A	N/A	VG	VG
VG	VG	VG	E	VG	Rps 1c, 1.5 TOL	R3, MR14	PI 88.788	VG	G
E	VG	E	Res.	N/A	Rps 1c, 1.8 TOL	R3, MR 14	PI 88.788	VG	G

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

FLOWER COLOR: P = Purple, W = White

POD: T = Tan, BR = Brown

PUBESCENCE: LTW = Light Tawny, TW = Tawny, G = Gray

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

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.

SOYBEAN 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 Genuity® Roundup Ready 2 Yield® soybeans, and 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 2017 Roundup Ready 2 Xtend® Soybean Technology Use Guide Supplement. U.S. patents for Monsanto technologies can be found at the following webpage: <http://www.monsantotechnology.com>

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.



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