



SEED CATALOG 2018

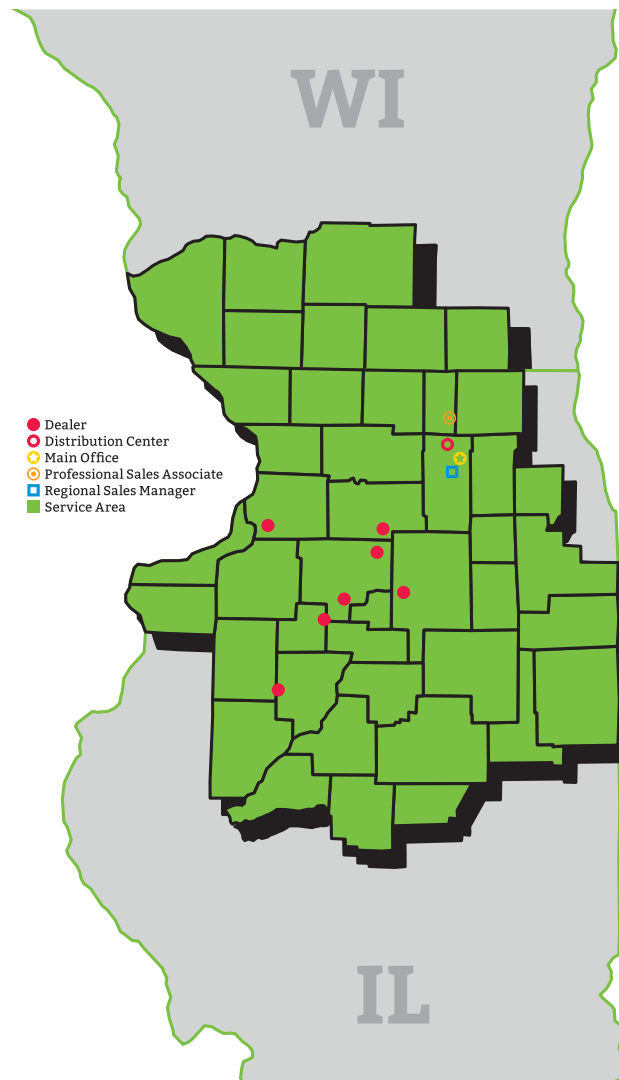


OUR PROMISE

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™

GROWER OWNED. GROWER DRIVEN.

Welcome to Axis Seed Direct, a locally owned, independent seed company providing corn and soybean genetics specific to the Northern Illinois region. Axis Seed Direct debuted in 2012 as a brand offered through a local retail outlet and was purchased by Andy Paulson in 2015. Under his ownership, Axis Seed Direct is able to bring the market the very best genetics and traits packages to benefit the specific needs of Northern Illinois farm ground. Axis Seed Direct has access to traits and genetics from major industry suppliers, enabling its products to stand out from the competition.

Andy grew up on a family farm in northern Illinois, where his family still farms today. He has over 10 years' experience in the seed industry and understands the importance of achieving the very best results on each acre of your farm. Andy strives to provide you not only the best product in the industry but also optimum value-added service. He works to design and implement highly individualized growing plans tailored to your individual soil and growing conditions.



AXIS DIRECT DEALERS

Axis Seed Direct
Sycamore, IL • 800.643.4025

Andrew Paulson - Owner
630.774.7475

Tom Hammer
Erie, IL
563.529.7609

Aaron Brahmstedt
Garden Prairie, IL
815.703.1658

The Seed House
Tiskilwa, IL • 815.646.4800

Rick Rokosz - Owner
815.303.7825

Mark Geuther - Dealer
LaMoille, IL

Bill Derick - Dealer
Bradford, IL

Tim Peters - Dealer
LaSalle, IL

Greg Fischer - Dealer
LaMoille, IL

Jason Coulter - Dealer
Elmwood, IL

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

SSRIB		SmartStax® RIB Complete® Corn Blend
RR2		Roundup Ready® Corn 2
VT2PRIB		VT Double PRO® RIB Complete® Corn Blend
VT3PRIB		Genuity® VT Triple PRO® RIB Complete® Corn Blend



51G55 SSRIB 101 Day Maturity

- » Excellent top-end yield potential with strong agronomics
- » Widely adaptable across many soil types
- » Very good late-season intactness
- » Excellent root rating with very good drought tolerance



51T53 SSRIB 101 Day Maturity

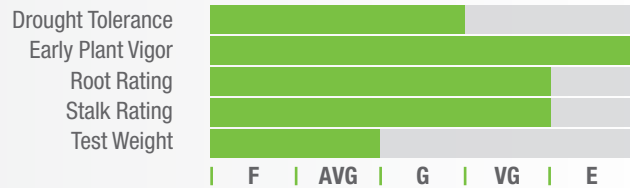
Also Available: 51T03 Conv

- » Proven high yield performance across years
- » Very good grain quality with good ear flex
- » Medium-tall statured with strong roots
- » Widely adapted across maturity zones and soil types



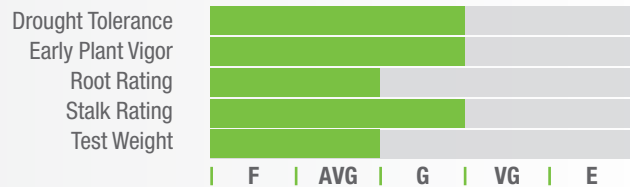
NEW! 53P21 VT2PRIB 103 Day Maturity

- » 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
- » Low greensnap risk



54A50 SSRIB 104 Day Maturity

- » High yield potential
- » Good western adaptability
- » Improved Goss' Wilt tolerance





NEW!

54N05 CONV *104 Day Maturity*

- » Medium-tall hybrid with medium ear placement
- » Good late-season intactness
- » Responds well to intense nitrogen management
- » Excellent Goss' Wilt tolerance



54T54 SSRIB *104 Day Maturity*

- » Strong performing widely adapted hybrid
- » Medium stature with strong stalks
- » Fast dry down for maturity
- » Strong emergence and early vigor



NEW!

56H56 SSRIB *106 Day Maturity*

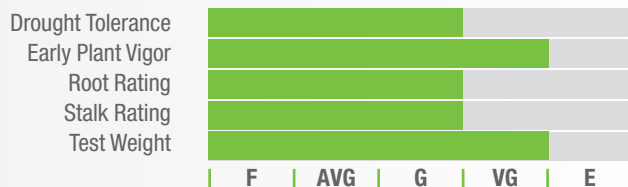
- » Outstanding top-end yielding hybrid
- » Impressive disease tolerance including Goss' Wilt, NLB, GLS
- » Excels at medium to high populations
- » Strong stalks and roots with lower greensnap risk



56Z50 SSRIB *106 Day Maturity*

Also Available: 56Z20VT2PRIB

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





NEW!

57A25 VT2PRIB *107 Day Maturity*

- » Dominant yield performance
- » Scores high for late-season stay green and intactness
- » Consistent ear development with very deep kernels
- » Widely adapted east to west in zone



57Z99 SSRIB *107 Day Maturity*

Also Available: 56T17RR2

- » Impressive yield for maturity
- » Medium-statured with strong agronomics
- » Fast dry down with very good test weight
- » Very good Goss' Wilt and Gray Leaf tolerance



NEW!

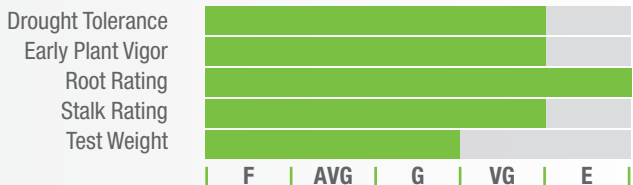
58C04 CONV *108 Day Maturity*

- » Exceptional stay green and late-season intactness
- » Medium-tall stature with very erect leaf canopy
- » Outstanding Goss' Wilt and NCLB tolerance
- » Impressive stalk and root strength



60B04 CONV *110 Day Maturity*

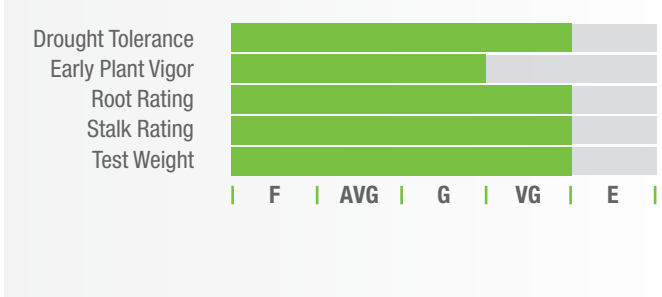
- » Medium plant height with excellent root strength
- » Consistent ear development with deep kernels
- » Strong agronomics with very good disease package
- » Impressive intactness and fall appearance





60N56 SSRIB 110 Day Maturity

- » Outstanding disease tolerance including Goss' Wilt
- » Fixed, girthy eared hybrid, excels at high plant population
- » Medium stature with impressive late-season appeal
- » Consider CAC fields requiring strong disease tolerance



NEW!

60P29 VT2PRIB 110 Day Maturity

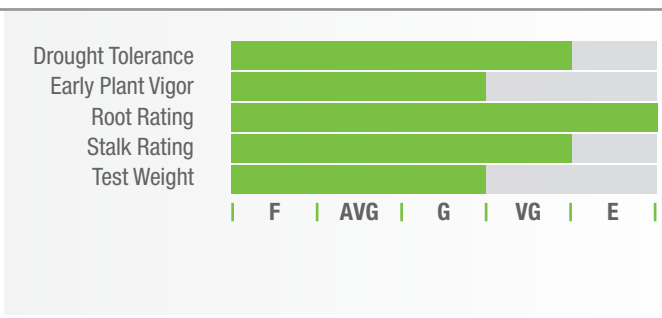
- » Very good stalks and excellent roots
- » Excellent early vigor and low greensnap risk
- » Very good test weight on a semi-flex ear
- » Very good stay green and NCLB tolerance



60R50 SSRIB 110 Day Maturity

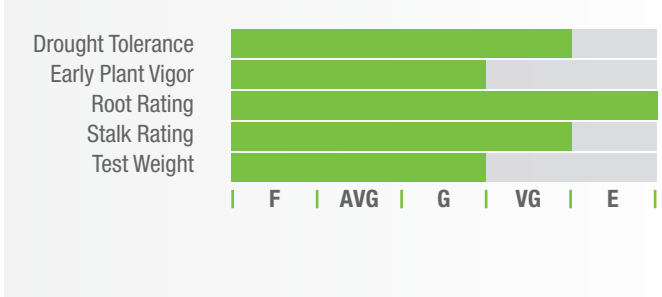
Also Available: 60R20VT2PRIB

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



61T51 SSRIB 111 Day Maturity

- » Consistent yield performance
- » Medium stature with excellent stalks and roots
- » Exhibits good late-season intactness and appearance
- » Very good southern movement





NEW!

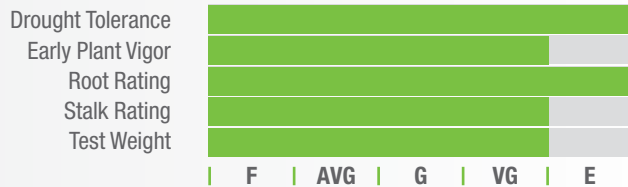
62A58 SSRIB *112 Day Maturity*

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



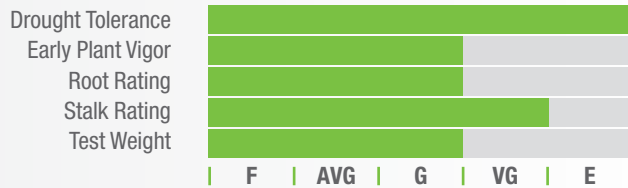
62D51 SSRIB *112 Day Maturity*

- » Excellent stress tolerance
- » Stable across all environments
- » Solid stalk and excellent root strength
- » High test weight



62K35 VT3PRIB *112 Day Maturity*

- » Responds to high management and high populations
- » Very good stalks and good roots
- » Excellent stress tolerance
- » Good disease package for corn on corn



NEW!

63V54 SSRIB *113 Day Maturity*

- » Excellent test weight with food grade potential
- » Excellent Goss' Wilt tolerance
- » Very good drought tolerance
- » Very good stalks and roots





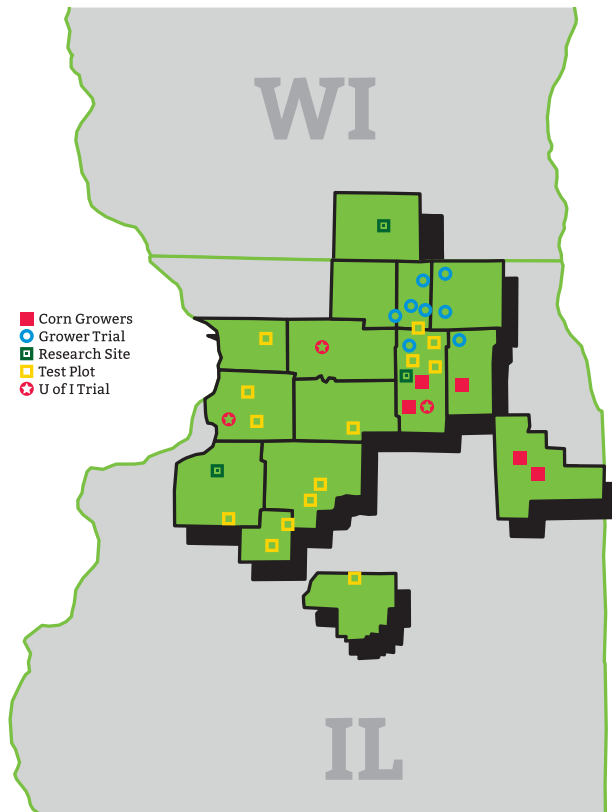
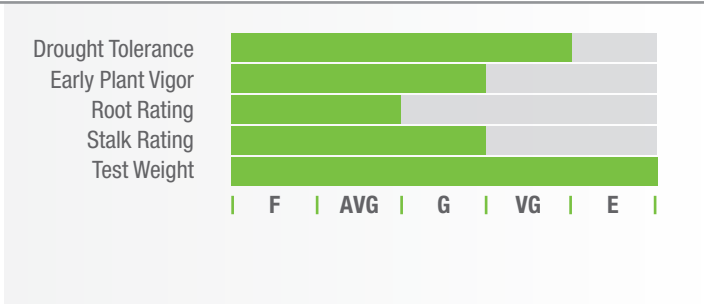
64T52 SSRIB 114 Day Maturity

- » Shorter statured hybrid that canopies quickly
- » Very good stalk and excellent root ratings
- » Excellent early seedling vigor for no-till soils and early planting
- » Consistent yields and plant stature under stress conditions



65R53 SSRIB 115 Day Maturity

- » High yield potential
- » Nice fall intactness
- » Excellent test weight
- » Excellent grain quality



WHAT ARE OUR CUSTOMERS SAYING about **AXIS SEED DIRECT?**

Rick Pump Jr. | HAMPSHIRE, IL

"I grow sod, corn, and soybeans across my acreage in Northern Illinois. When it comes to choosing the most elite hybrids for my acres, I turn to Andrew Paulson at Axis Seed Direct! Customer service and the knowledge of products and performance are second to none. Working with a salesman that takes his personal time to advise me on what varieties would perform best on my acres, communicating periodically throughout the year about the advancements in the seed industry, and taking time to walk my fields with me are all qualities that I can count on as a grower from Axis Seed Direct. ***Trust me when I say that Andrew Paulson from Axis Seed Direct is way more than just my seed salesman - he is great friend and I can completely trust him!***"

Mike & Pat Dumoulin | HAMPSHIRE, IL

3rd Generation Family Farm and Still Growing Strong!

"We had our first experience with Axis Seed Direct last year in 2015. ***It took a back seat to no one!*** Last year, we happened to be blessed to be located in the garden spot and had our best year ever! Thanks Andy for putting it in our line up!"

STAY CONNECTED

axisseeddirect.com

 axisseeddirect.com/blog/

 facebook.com/Axis-Seed-Direct-145638995578673

PLANT CHARACTERISTICS

	BRAND	TECH	MATURITY	50% Silk	Black Layer	Cob Color	Ear Height	Ear Type	Kernel Rows	Plant Height	Test Weight	Corn on Corn	Drought Tolerance	Early Plant Vigor
	51G55	SSRIB	101	1225	2389	R	M	SD	16-18	M	G	WF	VG	G
	51T03	CONV	101	1240	2510	P	MH	SFL	14-16	MT	VG	G	G	G
	51T53	SSRIB	101	1240	2510	P	MH	SFL	14-16	MT	VG	G	G	G
NEW	53P21	VT2PRIB	103	1227	2417	P	M	SFL	14-16	MT	AV	WF	G	E
	54A50	SSRIB	104	1315	2591	R	M	SD	18-20	M	AV	WF	G	G
NEW	54N05	CONV	104	1270	2600	P	M	SFL	16-18	MT	G	VG	G	VG
	54T54	SSRIB	104	1276	2580	R	M	SFL	16-18	M	G	VG	VG	VG
NEW	56H56	SSRIB	106	1280	2645	R	M	SFL	16-18	MT	G	VG	VG	G
	56T17	RR2	106	1270	2640	P	M	SFL	14-16	M	VG	VG	G	G
	56Z20	VT2PRIB	106	1304	2569	R	M	SD	16-18	MT	VG	WF	G	VG
	56Z50	SSRIB	106	1304	2569	R	M	SD	16-18	MT	VG	WF	G	VG
NEW	57A25	VT2PRIB	107	1310	2740	R	MH	SFL	16-18	MT	G	G	G	VG
	57Z99	SSRIB	107	1270	2640	P	M	SFL	14-16	M	VG	VG	G	G
NEW	58C04	CONV	108	1285	2700	R	MH	SFL	18-20	MT	G	VG	VG	E
	60B04	CONV	110	1320	2750	P	M	F	16-18	M	G	VG	VG	VG
	60N56	SSRIB	110	1300	2715	R	ML	F	18-20	M	VG	E	VG	G
NEW	60P29	VT2PRIB	110	1301	2563	R	M	SFL	14-16	M	VG	WF	G	E
	60R20	VT2PRIB	110	1279	2519	R	M	SD	14-16	M	G	WF	VG	G
	60R50	SSRIB	110	1279	2519	R	M	SD	14-16	M	G	WF	VG	G
	61T51	SSRIB	111	1310	2760	R	M	FL	14-16	M	G	G	VG	G
NEW	62A58	SSRIB	112	1334	2655	R	M	SFL	16-18	MT	E	WF	G	VG
	62D51	SSRIB	112	1300	2800	R	MH	SFL	16-18	M	VG	VG	E	VG
	62K35	VT3PRIB	112	1337	2741	R	ML	D	14-16	M	G	R	E	G
NEW	63V54	SSRIB	113	1290	2567	P	MH	SD	16-18	MT	E	WF	VG	VG
	64T52	SSRIB	114	1350	2850	R	M	SFL	16-18	MS	VG	WF	VG	E
	65R53	SSRIB	115	1354	2825	P	ML	FL	16-18	M	E	WF	VG	G

RATING SCALE: E = Excellent, VG = Very Good, G = Good, AV = 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

HUSK COVER: A = Adequate, S = Short, M = Medium, ML = Medium-Long

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

CORN ON CORN: R = Recommended, WF = With Fungicide

HERBICIDE SENSITIVITY: A = Acceptable, C:GR = Caution: GR, C: PI Pre = Caution: PI Pre



PLANT HARDINESS

DISEASE RESISTANCE

Green-snap	Herbicide Sensitivity	Population Tolerance	Root Rating	Stalk Rating	Stay Green	Common Rust	Eye Spot	Goss' Wilt	Gray Leaf Spot	Northern Leaf Blight (1)	Stalk Anthracnose	BRAND
VG	C:GR	H	E	VG	G	G	VG	VG	AV	G	VG	51G55
N/A	N/A	MH-H	E	G	G	G	N/A	G	VG	VG	N/A	51T03
N/A	N/A	MH-H	E	G	G	G	N/A	G	VG	VG	N/A	51T53
VG	C:SU	M-MH	VG	VG	G	N/A	VG	VG	AV	G	AV	53P21
E	A	H	AV	G	AV	G	G	VG	F	VG	AV	54A50
N/A	N/A	MH-H	VG	G	G	G	N/A	VG	G	G	N/A	54N05
N/A	N/A	MH-H	G	VG	VG	VG	N/A	G	VG	G	N/A	54T54
N/A	N/A	MH	VG	VG	VG	VG	N/A	VG	G	VG	N/A	56H56
N/A	N/A	MH-H	VG	VG	F	VG	N/A	VG	VG	G	N/A	56T17
VG	A	H	G	G	G	VG	E	VG	G	G	G	56Z20
VG	A	H	G	G	G	VG	E	VG	G	G	G	56Z50
N/A	N/A	MH-H	VG	G	VG	VG	N/A	VG	VG	G	N/A	57A25
N/A	N/A	MH-H	VG	VG	F	VG	N/A	VG	VG	G	N/A	57Z99
N/A	N/A	H	E	VG	E	VG	N/A	E	VG	E	N/A	58C04
N/A	N/A	H	E	VG	VG	VG	N/A	VG	VG	G	N/A	60B04
N/A	N/A	H	VG	VG	E	VG	N/A	VG	E	VG	N/A	60N56
E	A	M-MH	E	VG	VG	N/A	N/A	AV	AV	VG	E	60P29
E	A	H	E	VG	G	G	E	G	AV	VG	AV	60R20
E	A	H	E	VG	G	G	E	G	AV	VG	AV	60R50
N/A	N/A	H	E	VG	F	G	N/A	F	G	VG	N/A	61T51
G	A	M-MH	VG	VG	G	N/A	N/A	G	AV	VG	N/A	62A58
N/A	N/A	MH-H	E	VG	VG	VG	N/A	G	G	VG	N/A	62D51
G	C:GR	H	G	VG	VG	VG	E	VG	AV	G	F	62K35
AV	C:SU	M-MH	VG	VG	AV	N/A	N/A	E	G	G	N/A	63V54
N/A	N/A	MH-H	E	VG	F	G	N/A	G	F	VG	N/A	64T52
AV	A	MH-H	AV	G	G	E	E	VG	AV	G	F	65R53

SSRIB: SmartStax® RIB Complete® Corn Blend
 RR2: Roundup Ready® Corn 2
 VT2PRIB: VT Double PRO® RIB Complete® Corn Blend
 VT3PRIB: Genuity® VT Triple PRO® RIB Complete® Corn Blend



13 / CORN CHART*

	BRAND	TECH	MATURITY	Ear Height	Plant Height	Early Vigor	Greensnap	Lodging	Goss' Wilt	Gray Leaf Spot	Northern
	51G55	SSRIB	101	48.72	110.78	VG	VG	E	E	VG	E
	51T03	CONV	101	51.67	115.44	E	E	F	E	VG	VG
	51T53	SSRIB	101	51.67	113.00	G	E	G	E	VG	E
NEW	53P21	VT2PRIB	103	49.00	113.00	E	VG	E	VG	AV	G
	54A50	SSRIB	104	52.63	113.88	VG	E	G	E	E	VG
NEW	54N05	CONV	104	51.11	112.56	VG	E	VG	E	VG	E
	54T54	SSRIB	104	50.56	113.78	VG	E	G	E	VG	VG
NEW	56H56	SSRIB	106	54.33	113.44	VG	E	G	E	VG	E
	56Z50	SSRIB	106	52.22	114.33	G	VG	VG	E	VG	E
NEW	57A25	VT2PRIB	107	53.11	115.22	VG	VG	VG	E	VG	E
	57Z99	SSRIB	107	48.78	107.88	VG	E	VG	E	VG	E
NEW	58C04	CONV	108	51.22	113.56	G	E	E	E	VG	E
	60B04	CONV	110	50.11	114.44	VG	E	VG	E	E	E
	60N56	SSRIB	110	52.56	116.00	G	E	E	E	VG	E
NEW	60P29	VT2PRIB	110	49.50	110.00	E	E	E	G	AV	VG
	60R50	SSRIB	110	49.88	114.00	G	E	VG	VG	VG	VG
	61T51	SSRIB	111	48.44	112.00	G	E	F	VG	VG	E
NEW	62A58	SSRIB	112	48.50	113.00	VG	VG	VG	VG	AV	VG
	62D51	SSRIB	112	49.89	110.50	VG	E	F	E	VG	E
	62K35	VT3PRIB	112	50.11	113.78	G	E	G	E	VG	E
NEW	63V54	SSRIB	113	51.60	113.00	VG	G	VG	E	G	G
	64T52	SSRIB	114	45.88	110.88	VG	E	G	E	VG	E
	65R53	SSRIB	115	49.00	113.44	E	E	E	E	E	VG

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

*ALL LOCAL RATINGS DISTRIBUTED BY ADVANCED CROP CARE



Stalk Anthracnose	Diplodia	Fusarium	Gibberella	Penicillium	Aspergillus	Population Tolerance	Harvest Moisture	TW	BRAND
VG	E	VG	E	E	E	32-38	18.76%	E	51G55
VG	VG	VG	VG	E	E	28-34	18.91%	E	51T03
E	E	VG	E	E	E	28-34	19.26%	E	51T53
AV	NP	NP	NP	NP	NP	28-34	N/A	E	53P21
E	E	E	E	E	E	32-38	18.91%	VG	54A50
E	E	G	VG	E	E	28-34	19.14%	G	54N05
VG	VG	VG	E	E	VG	28-34	18.66%	VG	54T54
E	E	G	E	E	E	32-36	19.28%	VG	56H56
E	E	G	E	E	E	32-36	20.10%	VG	56Z50
E	VG	G	E	E	VG	32-36	20.76%	G	57A25
E	VG	G	E	E	E	32-36	20.40%	VG	57Z99
E	VG	VG	E	E	E	34-38	21.08%	F	58C04
VG	E	G	E	E	E	34-38	20.65%	F	60B04
E	E	G	E	E	E	34-38	20.72%	VG	60N56
E	NP	NP	NP	NP	NP	28-36	N/A	VG	60P29
VG	VG	F	E	VG	E	32-36	21.68%	G	60R50
E	VG	G	G	E	E	30-34	22.87%	G	61T51
NP	G	NP	NP	NP	NP	28-34	N/A	E	62A58
E	VG	F	VG	E	G	28-34	22.34%	VG	62D51
E	E	G	E	E	E	32-36	21.68%	G	62K35
NP	AV	NP	NP	NP	NP	28-34	N/A	E	63V54
E	E	VG	E	E	E	28-34	24.10%	G	64T52
E	VG	VG	E	E	E	28-34	23.82%	G	65R53

SSRIB: SmartStax® RIB Complete® Corn Blend
 VT2PRIB: VT Double PRO® RIB Complete® Corn Blend
 VT3PRIB: Genuity® VT Triple PRO® RIB Complete® Corn Blend



REVOLVESM

SEED PROTECTION SYSTEM

MAXIMUM PROTECTION. MAXIMUM YIELDS.

AXIS REVOLVE™

SEED PROTECTION SYSTEM

Protect your seeds and increase your yields with Axis Revolve and Revolve PLUS™. These state-of-the-art corn and soybean seed treatments are tested and selected by area and genetics. Each provides seed-specific protection of your investment—and your bottom line. Here's how:

- Faster speed to canopy.
- Better stress tolerance.
- Increased nutrient uptake.
- Improved vigor.
- Higher yield potential.

Axis Revolve™

Advanced protection against early season diseases and tough growing conditions:

- A custom blend of three fungicides for superior broad-spectrum control.
- Applied at rates 35–115% higher than leading competitors.
- Provides excellent control of Fusarium, Rhizoctonia, Pythium, and Phytophthora.
- Enhanced with a proven polymer to keep your investment on the seed where it belongs.
- Features trouble-free seed flow and great product appearance.

Revolve PLUS™

All the proven ingredients and benefits of our Axis Revolve treatment, plus:

- Insecticide applied at a 50% higher rate than the industry standard.
- Broad-spectrum, systemic insect protection from planting through the early growing season.



axisseeddirect.com

Are you ready to
Grow Strong™?

Find out why Axis Revolve is unlike any seed protection system you've used before. Contact me directly or visit axisseeddirect.com.



Axis Seed Direct

800.643.4025

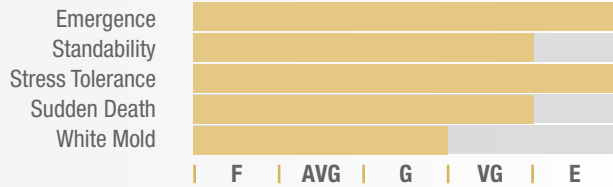
SOYBEAN BRANDS

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



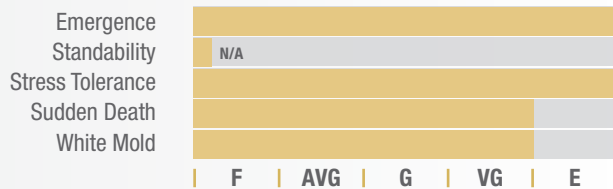
2117NRX RR2X *2.1 Relative Maturity*

- » Moderate resistance to BSR
- » Very good standability
- » Excellent emergence and stress tolerance



2127NL LL *2.1 Relative Maturity*

- » Medium height plant with excellent standability
- » Great looking line in the field throughout harvest
- » Excellent emergence and shatter scores



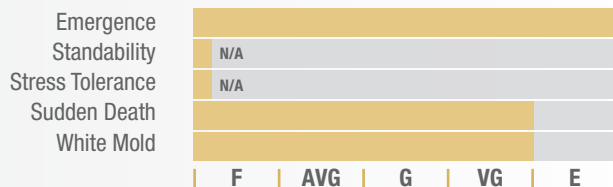
2218NRX RR2X *2.2 Relative Maturity*

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



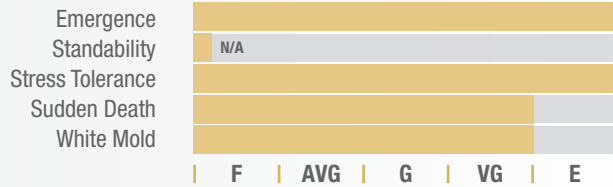
2418NL LL *2.4 Relative Maturity*

- » Light tawny/tan variety with strong agronomic traits
- » Consistent results east to west; works on all soils
- » Medium-tall, bushy plant type that stands well



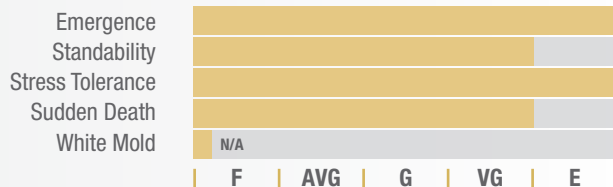
2626NL LL *2.6 Relative Maturity*

- » 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



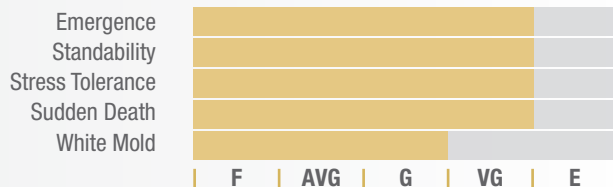
2618NRX RR2X *2.6 Relative Maturity*

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



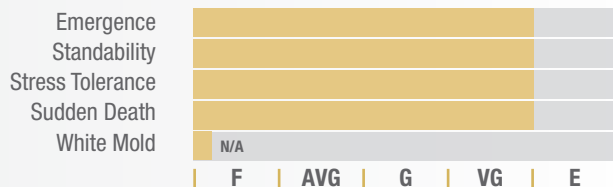
2818NRX RR2X *2.8 Relative Maturity*

- » Great plant style and standability lend itself to broad acres
- » Excellent SDS tolerance
- » Very good emergence and stress tolerance



2918NRX RR2X *2.9 Relative Maturity*

- » Well adapted to all row widths and excels in narrow rows
- » Very clean looking plant
- » Complete PRR, SDS and BSR package



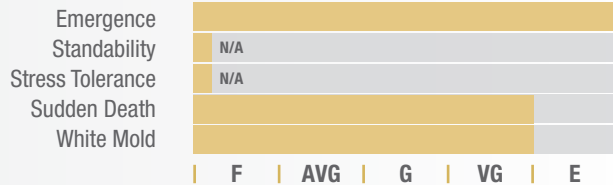


2918NL

LL

2.9 Relative Maturity

- » Gray/brown plant with good height and decent lodging score
- » Solid defense package
- » Excellent emergence and shattering scores

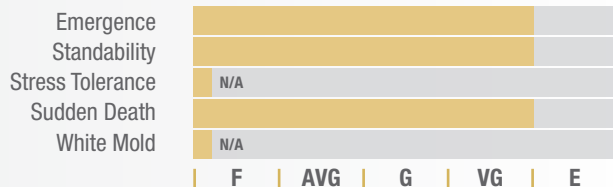


3117NRX

RR2X

3.1 Relative Maturity

- » Stands like a tree
- » SCN + Rps 1c + excellent standability to go along with big yield potential
- » Very good emergence



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.

PLANT CHARACTERISTICS

BRAND	TECH	MATURITY	Estimated Seed Size	Flower Color	Hilum Color	Plant Type	Pod Color	Protein	Pubescence Color	Relative Plant Height
2117NRX	RR2X	2.1	2600-2900	P	BL	MB	BR	40.2	LTW	MT
2127NL	LL	2.1	2700	P	BL	MB	T	39.4	LTW	M
2218NRX	RR2X	2.2	2300-2600	W	BL	MB	T	N/A	TW	M
2418NL	LL	2.4	2700	P	BL	MB	T	39.3	LTW	M
2626NL	LL	2.6	2900	P	BL	MB	T	39	LTW	M
2618NRX	RR2X	2.6	2300-2600	P	IBL	MB	T	N/A	GR	M+
2818NRX	RR2X	2.8	N/A	P	IBL	MB	BR	40.5	GR	MT
2918NRX	RR2X	2.9	N/A	P	IBL	MB	BR	39.9	GR	MT
2918NL	LL	2.9	3000	P	IBL	MB	BR	39.9	GR	M
3117NRX	RR2X	3.1	2300-2600	P	IBL	MB	BR	41.2	GR	M+

Soybean Traits

RR2X		Roundup Ready 2 Xtend® Soybeans
LL		LibertyLink® Soybeans

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

PLANT TYPE: MB = Medium-Bush

POD COLOR: T = Tan, BR = Brown

PUBESCENCE COLOR: LTW = Light Tawny, TW = Tawny, GR = Gray

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



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	BRAND
E	VG	E	MR,1.5	VG	Rps 1c, 2.1 Tol	R3, MR 14	PI 88.788	VG	G	2117NRX
E	N/A	E	VG	VG	Rps 1c	N/A	N/A	VG	VG	2127NL
VG	VG	VG	Res	VG	Rps 1k+3a, 1.8 Tol	R3, MR14	PI 88.788	VG	VG	2218NRX
E	N/A	N/A	E	VG	Rps1K	Very Good	N/A	VG	VG	2418NL
E	N/A	E	VG	VG	Rps1c	N/A	N/A	VG	VG	2626NL
E	VG	E	E	VG	Rps 1c, 1.4 Tol	R3, MR14	PI 88.788	VG	N/A	2618NRX
VG	VG	VG	E	VG	Rps 1c, 1.5 Tol	R3, MR14	PI 88.788	VG	G	2818NRX
VG	VG	VG	E	G	Rps1c;1.8	R3, MR14	PI 88.788	VG	N/A	2918NRX
E	N/A	N/A	VG	G	Rps1c	VG	N/A	VG	VG	2918NL
VG	VG	N/A	MR,1.5	VG	Rps 1c, 1.5 Tol	R3, MR 14	PI 88.788	VG	N/A	3117NRX



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.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: 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 XtendIMax™ 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 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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