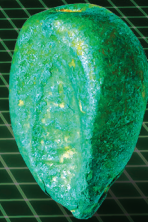


SEED CATALOG
2024



POTENTIAL

THE POWER OF SELECTION.



CORN LEADER BRANDS

58V20 VT2PRIB 107-109 DAY MATURITY

- Girthy, semi-flex ears with excellent kernel depth
- Outstanding top-end yield performance
- Taller hybrid with strong roots and very good late-season intactness
- Excellent Goss' Wilt with very good GLS and NLB tolerance

61A66 PCE 111 DAY MATURITY

- Very showy appearance all season
- Strong stalks and late-season staygreen
- Very girthy ear with good flex
- Excellent emergence and vigor

61F25 AA 110-112 DAY MATURITY

- Attractive plant type with high yield potential
- Good test weight and grain quality
- Good late-season intactness and plant appearance
- Great stalks with solid root strength

62K69 PCE 111-113 DAY MATURITY **NEW!**

- Eye catching with long flex ears
- Excellent tolerance to heat and drought stress
- Excellent tip fill with high test weight
- Low snap risk and very good Goss' Wilt tolerance

63L69 PCE 112-114 DAY MATURITY **NEW!**

- Excellent top-end yield potential
- Strong stalks late into the fall
- Good test weight grain
- Above average NCLB and Tar Spot tolerance

64W69 PCE 114 DAY MATURITY **NEW!**

- Widely adapted in zone and south with good husk cover
- Moves west well with good Goss' Wilt and lower greensnap risk
- Long consistent ears with very large kernels

64B28 VT2PRIB 113-115 DAY MATURITY

- Very good stalks and roots with respectable late-season intactness
- Strong emergence and excellent early plant vigor for reduced tillage acres
- Excellent test weight on a semi-flex ear
- Great overall disease package

65R36 PCE 115 DAY MATURITY **NEW!**

- Large, flex style ears with excellent tip fill and kernel depth
- Dual purpose option with medium-tall plants and medium-low ear line
- Versatile across soils and best suited to moderate populations
- Excellent silage quality

SOYBEAN LEADER BRANDS

3612ES E3 3.6 RELATIVE MATURITY

- Great SDS resistance and overall solid defensives
- Great standability on this medium+ product
- Changing the game at 3.6 with this light tawny/brown

3922E E3 3.9 RELATIVE MATURITY

- Unique light tawny/tan with broad adaptability
- Incredible emergence and standability
- Very good Iron Chlorosis resistance

4014E E3 4.0 RELATIVE MATURITY **NEW!**

- Performs in all yield environments
- Solid lodging scores and a medium/tall plant structure
- Rps 1c and SCN

4314ES E3 4.3 RELATIVE MATURITY **NEW!**

- Sulfonylurea Tolerant
- Medium-tall plant with good standability
- Excellent emergence

3862XFS XF 3.6 RELATIVE MATURITY

- STS® Tolerant
- Medium-tall plant with heavy pod load
- SCN, SDS, PRR 1a gene

4112XFS XF 4.1 RELATIVE MATURITY

- Medium-full bush with light tawny with tan pod
- Great emergence and stress tolerance
- Notable stress resistance

PowerCore® Enlist® Refuge Advanced® corn products with HX1, VTP, ENL, LL, RR2. Contains a single-bag integrated refuge solution for above-ground insects. In EPA-designated cotton-growing counties, a 20% separate corn borer refuge must be planted with PowerCore Enlist Refuge Advanced products.

CORN CHART

PLANT CHARACTERISTICS

PLANT HARDINESS

DISEASE RESISTANCE

BRAND	TECH	MATURITY	50% Silk	Black Layer	Cob Color	Ear Height	Ear Type	Husk Cover	Kernel Rows	Leaf Angle	Plant Height	Silage	Test Weight	Corn on Corn	Drought Tolerance	Early Plant Vigor	Greensnap	Herbicide Sensitivity	Population Tolerance	Root Rating	Stalk Rating	Stay Green	Common Rust	Tar Spot	Goss' Wilt	Gray Leaf Spot	Northern Leaf Blight (1)	Southern Leaf Blight	Stalk Anthracnose	
58V20	VT2PRIB	107-109	1315	2700	R	MH	SFL	ML	16-18	SE	MT	AV*	G	E	G*	VG	ML	A*	VG	VG	VG	VG	G*	G*	E	VG	VG	VG*	VG*	
59W01	CONV	108-110	1300	2730	P	MH	SFL	ML	16-18	H	MT	E*	E	VG	AV*	VG	ML	A*	VG	G	VG	VG	AV*	AV*	VG	E	VG	G	G*	
61A66	PCE	111	1390	2572	P	M	FL	C	18-20	SE*	M	E*	VG*	VG	VG*	E	VG	N/A	VG	G	VG	E	VG	VG*	VG	VG	VG	VG*	VG	
61F25	AA	110-112	1430*	2600*	P	ML	SFL	M*	16	SU*	MT	G*	H	G*	G*	VG	AV*	N/A	M-MH	G	VG	G	AV*	G*	G	VG	VG	G	VG*	
61D77	TreceptaRIB	110-112	1320	2770	R	M	SFL	MS	18-20	SE	M	VG*	G	G	G*	VG	L	A*	VG	VG	VG	VG	G*	G*	F	G	VG	VG	VG*	
NEW!	61A06	CONV	110-112	1390*	2572*	P	M	FL	C	18-20	SE*	M	E*	VG	VG*	E	VG	N/A	VG	G	VG	E	VG	VG*	G	G	G	VG*	G	
NEW!	62V29	VT2PRIB	111-113	1375	2709	R	M	SFL	A	14-16	H*	M	AV*	G	NR	G	VG	A	LM	VG	VG	VG	VG*	AV*	G	AV	VG	VG	VG	
NEW!	62K69	PCE	111-113	1305	2780	P	M	FL	ML	16-18	SE	MT	VG*	E	G	E*	VG	L	A*	M	VG	VG	G*	AV*	VG	F	VG	F	E*	
	63H07	CONV	112-114	1403	2792	P	M	SD	A	16-18	SE*	MT	N/A	VG	NR	G	G	AV	A	MH	VG	VG	VG	AV*	N/A	G	G	VG	VG	AV
	63H27	VT2PRIB	112-114	1403	2792	P	M	SD	A	16-18	SE*	MT	N/A	VG	NR	G	G	AV	A	MH	VG	VG	VG	AV*	N/A	G	G	VG	VG	AV
NEW!	63L69	PCE	112-114	1330*	2610*	P	M	SFL	IC	16-18	SE*	MT	E*	VG	VG	VG*	VG	VG	N/A	VG	VG	E	VG	VG	VG*	G	G	VG	VG*	E
NEW!	64C66	PCE	114	1340	2625	R	H	FL	C	14-18	SE*	T	E*	N/A	E	VG*	VG	F	N/A	G	G	E	G	VG*	VG	G	VG	VG*	VG	
NEW!	64W69	PCE	114	1330	2830	R	MH	SFL	L	14-16	SE	MT	VG*	VG	VG	G*	VG	L	A*	VG	G	VG	VG	N/A	G*	VG	VG	G	G*	
	64B28	VT2PRIB	113-115	1331	2649	R	M	SFL	A	16-18	H*	M	AV*	E	NR	G	E	G	A	M-MH	VG	VG	AV	G*	AV*	G	G	VG	VG	AV
NEW!	64C06	CONV	113-115	1340	2625	R	H*	FL	C	14-18	SE*	T	E*	E	E	VG*	VG	AV	N/A	M	VG	VG	E	VG	VG*	VG	VG	VG	VG*	VG
NEW!	65R36	PCE	115	1350	2850	R	M	FL	ML	16-18	SE	MT	E*	VG	G	VG*	G	M	A*	G	VG	VG	VG	VG*	G*	G	VG	G	E*	
	65W75	TreceptaRIB	114-116	1335	2657	P	ML	SFL	L	16-18	SE*	MT	N/A	E	NR	G	E	G	A	M-MH	G	VG	VG	VG	VG	F	AV	G	VG	VG
	65Z24	VT2PRIB	114-116	1412	2775*	R*	M	MB	VG	16	SE	M	AV*	VG	G	VG*	G	VG*	N/A	M-MH	AV	E	VG	N/A	AV*	VG	AV	VG	N/A	G*
	65B27	VT2PRIB	114-116	1370	2855	R	MH	SFL	ML	16-18	SE	MT	G*	VG	VG	VG*	VG	ML	A*	VG	VG	VG	VG	VG*	G*	VG	VG	VG	VG	G*
	66Q32	V	115-117	1455*	2665*	W	M	FL	M*	14-16	SE*	T	G*	MH	VG*	VG*	VG	G*	N/A	M	VG	VG	G	AV	G*	G	G	VG	VG	G*

Rating Scale: E = Excellent, VG = Very Good, G = Good, AV = Average, F = Fair, R = Resistance, N/A = Not Available, * = Based on Local Observation
Cob Color: Red = R, Pink = P, White = W, Light Red = LR
Ear Height: Medium = M, Medium-High = MH, Medium-Low = ML, High = H
Ear Type: Semi-Flex = SFL, Semi-Determinate = SD, Mod. Blocky = MB, Flex = FL
Husk Cover: Medium-Long = ML, Long = L, Adequate = A, Medium-Short = MS, Complete = C, Incomplete = IC, Medium = M
Leaf Angle: Semi-Upright = SU, Semi-Erect = SE, Horizontal = H
Plant Height: Medium-Tall = MT, Medium = M, Tall = T

Shank Length: Mod. Short = MDS, Medium-Long = ML
Test Weight: Medium-High = MH
Corn on Corn: Not Recommended = NR
Herbicide Sensitivity: Acceptable = A
Population Tolerance: Medium - Medium-High = M-MH, Medium-High = MH, Medium High = MH, Medium = M, Low-Medium = LM
AA = Agrisure® Above, **V** = Viptera®, **TreceptaRIB** = Trecepta® RIB Complete® Corn Blend,
PCE = PowerCore® Enlist® Refuge Advanced®, **CONV** = Conventional

SOYBEAN CHART

PLANT CHARACTERISTICS

PLANT HARDINESS

DISEASE RESISTANCE

BRAND	TECH	MATURITY	Estimated Seed Size	Flower Color	Hilum	Plant Type	Pod	Pubescence	Relative Plant Height	Emergence	Standability	Stress Tolerance	Brown Stem Rot	Iron Chlorosis	Phytophthora Gene	SCN Greenhouse	SCN Marker	Sudden Death Syndrome	White Mold	Frogeye
3612ES	E3	3.6	N/A	P	BL	I	BR	LTW	MT	VG	VG	G	R	AV	Rps 1k	R3, MR14*	PI 88.788	VG	AV	G
3922E	E3	3.9	N/A	W	BR	I	T	LTW	M+	E	E	G	NG	VG	Rps 1k	R3, MR14	PI 88.788	AV	G*	G
NEW!	4014E	E3	4.0	3080	P	BL	IB	T	LTW	MT	VG	VG*	VG*	N/A	Rps 1c	N/A	PI 88.788	VG	VG*	VG
NEW!	4314ES	E3	4.3	N/A	W	BR	IB	T	LTW	MT	E	VG	R	N/A	Rps 1k	R3, MR14*	PI 88.788	G	N/A	G
	3862XFS	XF	3.6	3170	P	BL	I*	BR	LTW	M	VG	VG*	VG*	N/A	Rps 1a	N/A	PI 88.788	VG	VG*	VG
	4112XFS	XF	4.1	3073	P	BL	I*	BR	LTW	MT	VG	VG*	N/A	G	Rps 1a*	N/A	PI 88.788	VG	VG*	VG

RATING SCALE: E = Excellent, VG = Very Good, G = Good, AV = Average, F = Fair, R = Resistance, N/A = Not Available, * = Based on Local Observation
FLOWER COLOR: P = Purple, W = White
HILUM: BL = Black, BR = Brown
PLANT TYPE: I = Intermediate, IB = Intermediate-Bush
POD: T = Tan, BR = Brown

PUBESCENCE: LTW = Light Tawny
RELATIVE PLANT HEIGHT: M = Medium, M+ = Medium+, MT = Medium-Tall
BROWN STEM ROT: R = Resistant, NG = No Gene
E3 = Enlist E3® Soybeans, **XF** = XtendFlex® Soybeans

CORN TRAITS

AA	Agrisure Above	Agrisure® Above
V	Viptera	Viptera®
TreceptaRIB	Trecepta® RIB Complete®	Trecepta® RIB Complete® Corn Blend
VT2PRIB	VT Double PRO® RIB Complete®	VT Double PRO® RIB Complete® Corn Blend
PCE	PowerCore® Enlist®	PowerCore® Enlist® Refuge Advanced®

SOYBEAN TRAITS

E3	Enlist E3®	Enlist E3® Soybeans
XF	XtendFlex®	XtendFlex® 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/Stewardship Agreement that you sign. By opening and using a bag of seed, you are reaffirming your obligation and agreement to comply with the most recent stewardship requirements.

Bayer is a member of Excellence Through Stewardship® (ETS). Bayer products are commercialized in accordance with ETS Product Launch Stewardship Guidance, and in compliance with Bayer's Policy for Commercialization of Biotechnology-Derived Plant Products in Commodity Crops. Commercialized 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. Excellence Through Stewardship® is a registered trademark of Excellence Through Stewardship.

ALWAYS READ AND FOLLOW PESTICIDE LABEL DIRECTIONS. B.T. products may not yet be registered in all states. Check with your seed brand representative for the registration status in your state.

IMPORTANT IRM INFORMATION: Certain products are sold as RIB Complete® corn blend products, and do not require the planting of a structured refuge except in the Cotton-Growing Area where corn earworm is a significant pest. Products sold without refuge in the bag (non-RIB Complete) require the planting of a structured refuge. See the IRM/Grower Guide for additional information. Always read and follow IRM requirements.

Insect control technology provided by **Vip3A** is utilized under license from Syngenta Crop Protection AG. Agrisure Viptera® is a registered trademark of a Syngenta group company.

ALWAYS READ AND FOLLOW PESTICIDE LABEL DIRECTIONS. Roundup Ready® 2 Technology contains genes that confer tolerance to glyphosate. Glyphosate will kill 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.

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, glyphosate or glufosinate are approved for in-crop use with products with XtendFlex® Technology. 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 or products with XtendFlex® Technology.

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 dicamba. Glufosinate will kill crops that are not tolerant to glufosinate. Contact your seed brand dealer or refer to the Bayer Technology Use Guide for recommended weed control programs.



Acceleron®, DroughtGard®, RIB Complete and Design®, RIB Complete®, Roundup Ready 2 Technology and Design®, Roundup Ready®, Roundup SmartStax and Design®, SmartStax®, Trecepta®, Trecepta® RIB Complete®, VT Double PRO®, Roundup Ready 2 Xtend®, Roundup Ready 2 Yield®, Roundup Ready PLUS®, SR and Design®, TruFlex™, VaporGrip®, XtendFlex® and XtendiMax® are trademarks of Bayer Group. LibertyLink® and the Water Droplet Design® are registered trademarks of BASF Corporation. Herculex® is a registered trademark of Corteva Agrisciences LLC. Agrisure Viptera® is a registered trademark of Syngenta. 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.

Seed containing a patented trait can only be used to plant a single commercial crop. It is unlawful to save and replant Roundup Ready 2 Yield® soybeans, Roundup Ready 2 Xtend® soybeans, and XtendFlex® soybeans. Additional information and limitations on the use of these products are provided in the Technology Stewardship Agreement and the Bayer Technology Use Guide: tug.bayer.com. U.S. patents for Bayer technologies can be found at the following webpage: cs.bayerpatents.bayer.com

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® Above, Agrisure® Total, Artesian®, Duracade®, DuracadeViptera®, DuracadeViptera™ Z3, Viptera®, Viptera™ Z3, and E-Z Refuge® are trademarks of a Syngenta Group Company.

LIBERTY LINK Seed products with the LibertyLink® (LL) trait are resistant to the herbicide glufosinate ammonium, an alternative to glyphosate in corn, and combine high-yielding genetics with the powerful, non-selective, postemergent weed control of Liberty® herbicide for optimum yield and excellent weed control. LibertyLink®, Liberty® and the Water Droplet logo are registered trademarks of BASF.

Corn trait technology incorporated into these seeds is commercialized under license from Syngenta Seeds, LLC. Herculex® Technology incorporated into these seeds is commercialized under license from Corteva Agriscience, LLC. HERCULEX® and the HERCULEX Shield are trademarks of Corteva Agriscience, LLC.

Corteva Agriscience is a member of Excellence Through Stewardship® (ETS). Corteva Agriscience products are commercialized in accordance with ETS product launch stewardship guidance Corteva Agrisciences 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.biotechstatedata.com.

Seeds containing the Enlist, Herculex and PowerCore traits are protected under numerous U.S. 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 Agriscience. In consideration of the foregoing, Corteva Agriscience grants to the Grower the limited license to use its technology 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.

IRM - Properly managing trait technology is key to preserving it as a long-term crop protection tool. Growers who fail to comply with IRM requirements risk losing access to this product. To help preserve the effectiveness of B.T. corn technologies, growers planting B.T. corn technologies are required to follow an IRM Plan. Consult the Corn Product Use Guide for appropriate refuge configuration options. 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 Use Agreement and Product Use Guide. By opening and using a bag of seed, you are reaffirming your obligation to comply with the most recent stewardship requirements. For complete details on IRM requirements for hybrids with B.T. technology, including refuge examples and important information on the use of insecticides on refuge and Bt corn acres, please consult appropriate Product Use Guide. Go to www.corteva.us/Resources/trait-stewardship.html to download the latest Corteva Agriscience Corn Product Use Guide.

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. U.S. patents for Corteva Agriscience technologies can be found at the following webpage: www.corteva.us/Resources/trait-stewardship.html.

Enlist Duo® and Enlist One® herbicides are not registered for sale or use in all states or counties. Contact your state pesticide regulatory agency to determine if a product is registered for sale or use in your area. Enlist Duo and Enlist One are the only 2,4-D products authorized for use with Enlist crops. Consult Enlist herbicide labels for weed species controlled. Always read and follow label directions. Enlist E3® soybeans were jointly developed by Corteva Agriscience and MS Technologies, LLC.™ Enlist, Enlist E3, the Enlist E3 logo, and Colex-D are trademarks of Corteva Agriscience. PowerCore® multi-event technology developed by Corteva Agriscience and Monsanto. Roundup®, Roundup Ready®, Roundup Ready 2 Technology and Design, and PowerCore® are registered trademarks of Monsanto Technology LLC. Liberty®, LibertyLink® and the Water Droplet Design® are registered trademarks of BASF. Enlist®, Colex-D®, and Refuge Advanced® are trademarks of Corteva Agriscience and its affiliated companies. Excellence Through Stewardship is a registered trademark of Excellence Through Stewardship.

ENLIST® WEED CONTROL SYSTEM— PROVEN CONTROL OF TOUGH WEEDS

Enlist Duo® and Enlist One® herbicides with Colex-D® technology are the only herbicides containing 2,4-D that are authorized for preemergence and postemergence use on Enlist® crops.

SOYBEANS	2,4-D choline		Glyphosate		Glufosinate
CORN	2,4-D choline		Glyphosate		Glufosinate FOP Herbicides

Enlist Duo®
COLEX-D® technology
HERBICIDE

- Convenient proprietary blend of 2,4-D choline and glyphosate
- The two sites of action work together to deliver control of yield-robbing weeds and help prevent resistance

Enlist One®
COLEX-D® technology
HERBICIDE

- Straight-goods 2,4-D choline with additional tank-mix flexibility
- Provides additional tank-mix flexibility with Liberty® herbicide and other qualified tank-mix products, allowing for a customized weed control program to fit each farm

On-Target Application

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



21st Century Seed, Inc
19600 Steven Kole Court
Boonville, MO 65233

Office: 573.228.7333
David Brawner: 573.228.7333
Dennis Brawner: 660.341.1282
George Magers: 660.216.0632
Sabe Caton: 573.450.1048

www.21stCenturySeed.net



21stCenturySeed.net

NATIONAL BRAND. LOCAL OWNERSHIP.

Grow Strong[®]

Missouri Proven. Missouri Tough.