



Dear Iowa Farmers,

When we started here in Iowa over 50 years ago, we did so because we believed it was important to offer seed products developed in Iowa for Iowa fields. That's why we remain exclusively focused on our state today.

WE ARE COMMITTED TO BEING YOUR LOCAL PARTNERS IN PERFORMANCE AND AGRONOMY, WORKING TOGETHER TO BLEND YOUR KNOWLEDGE WITH OUR FIRST-HAND PRODUCT EXPERIENCE.

In this 2021 guide, you'll be able to **easily locate the right products for your operation** from insect protection for your corn, to flexible weed control options for your soybeans, to outstanding genetics and yield potential made to thrive in Iowa fields. In addition to our seed products, you can find helpful information about tools like the Climate FieldView[™] platform and how the Acceleron[®] portfolio can protect your seed investment.

What matters most to us is providing you **the best recommendations for your fields so you can maximize yield potential.** The way we see it, that's the definition of First Class Seed. First Name Service.®

Thank you for choosing us to be a part of your 2021 season, and we wish you another successful year!

Sincerely,

Hatie Katie Lahr and KRUGER SEEDS TEAM





First Class Seed. **First Name Service.**®

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We take your business and success seriously. That's why we offer the **100% REPLANT ELIGIBLE** program. Contact your local Kruger Seeds Dealer or Field Sales Representative for more information.

COMPENSATION VARIES BY CROP



simplified agronomics let you stay focused

AS THE INDUSTRY CHANGES, SO DOES OUR DEFINITION OF FIRST CLASS SEED. FIRST NAME SERVICE.®

At Kruger Seeds our Per4M[®] Agronomy Program was developed to simplify the dozens of choices you have to make every season. What does the Per4M Agronomy Program give Iowa farmers?

- Customized recommendations made for your fields' unique attributes
- Tools and seed technologies designed to help raise your farm's profitability
- Local, personal support when and how you need it, all year long.

We believe in blending our knowledge with yours so we can grow together. It's why we're committed to connecting your individual challenges with locally relevant and proven solutions.

> Kruger Kruger steds technical agronomist Neal Borgmeyer











IOWA-FOCUSED RECOMMENDATIONS

Our team of Kruger Seeds Dealers, Field Sales Representatives and Agronomy team understands **the unique cropping rotations across lowa** because we live and work here, too.



INDUSTRY-LEADING TECHNOLOGIES

We provide you with the agronomic tools and technologies that best address the diverse needs of your lowa soils. Our industry-leading corn, soybean and alfalfa products are backed by a **precision breeding program** with an **advanced trait pipeline.**

YEAR-ROUND SUPPORT

The Kruger Seeds team delivers First Class Seed. First Name Service.[®] That means **personal service and expert recommendations for your fields,** to provide you season-long peace of mind.

sign up for emails

Get local agronomy communications, harvest data and the latest Kruger Seeds news.

Visit KRUGERSEED.COM/EMAIL to subscribe.

FIELD-PROVEN PRECISION BREEDING

our product selection process

We take pride in providing the solutions you need on your acres. Our large, data-driven breeding program plays an important role in bringing you the best products for your fields, season after season.



1 | starting with broad germplasm

We start with a large genetic pool — the building block for better products and **narrow down to the most promising options for Iowa fields** so we can spend more time testing the right products for your fields.



2 | pre-commercial testing

Using local breeding and technology development plots, we **determine early product potential.** Only products determined to be favorable for lowa make the selection for local testing.



3 | local testing

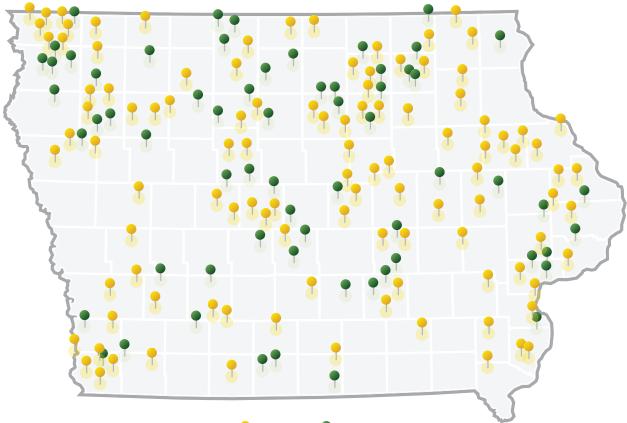
With help from our Kruger Seeds team, we **select a handful of products** to test in Kruger Seeds[™] trials. You can be confident that products you buy are farm-tested to address your challenges.



4 | adding to our product lineup

After local testing, our team **chooses the products that perform best** across lowa and introduce them into the Kruger Seeds product lineup each year.

kruger seeds testing locations





Corn

Soybeans

local testing

CORN

<image>

lowa soil deserves only the best seed corn.

Introducing 14 NEW CORN PRODUCTS.

Each rigorously tested and selected through our proven breeding pipeline. Now available for the 2021 season.



corn



UNIQUELY DEVELOPED AND SELECTED

FOR SEASON-LONG PEACE OF MIND

Hand-selected by your local team, every KRUGER SEEDS[™] FORTIFIELD[®] CORN product combines a unique set of agronomic characteristics for helping ensure plant health and protection against local diseases to give you confidence and peace of mind only your lowa partner can deliver.





STRONG AGRONOMICS Strong Emergence for rapid, uniform and robust establishment Seedling Vigor for reduced plant stress and improved performance Root Strength for drought tolerance and great standability Stalk Strength for lodging resistance and stronger yield potential Health (Staygreen) for improved kernel set and test weight Harvest Intactness for easier harvesting

STRONGER SEED FOR STRONGER RESULTS

This season, select any Kruger Seeds[™] FortiField[®] product for enduring plant health and yield potential to exceed your most rigorous expectations.

K0109SS BRAND BLEND K0109DD BRAND BLEND K0518DD BRAND BLEND K1204SS BRAND BLEND

Here's how Kruger Seeds[™] FortiField[®] corn products' strong agronomics and disease protection work in your fields:

+

EXCELLENT DISEASE PROTECTION AGAINST Gray Leaf Spot Northern Corn Leaf Blight Goss's Wilt Anthracnose Stalk Rot

K1204DP BRAND BLEND **K1501SS** BRAND BLEND **K1501DP** BRAND BLEND



legacy numbering system



Irait Designation K4R SmartStax® RIB Complete® Corn Blend **KR** VT Double PRO[®] RIB Complete[®] Corn Blend K Conventional

I Technology **O** Conventional **1** Roundup Ready[®] Corn 2 4 VT Double PRO[®] RIB Complete[®] Corn Blend 9 SmartStax® RIB Complete® Corn Blend genetics

• Differentiates within the Same Relative Maturity

- Relative Maturity (RM) When adding 50; 60 + 50 = 110, meaning 100 is the RM for this corn product.
- Suffix **D** DroughtGard[®] Hybrids

current numbering system

K0518DD BRAND BLEND ß

- B Relative Maturity (RM) in Days (e.g., 18 = 118; 07 = 107; 97 = 97)
- Trait Designation SS SmartStax® RIB Complete® Corn Blend **DP** VT Double PRO[®] RIB Complete[®] Corn Blend DD DroughtGard[®] Hybrids with VT Double PRO[®] RIB Complete[®] Corn Blend DT Trecepta® RIB Complete® Corn Blend **CV** Conventional

PLANTING RATE

MH ..Medium High ...Medium ML.Medium Low

NUMERIC RATING SCALE

Excellent 1 - 9 Poor

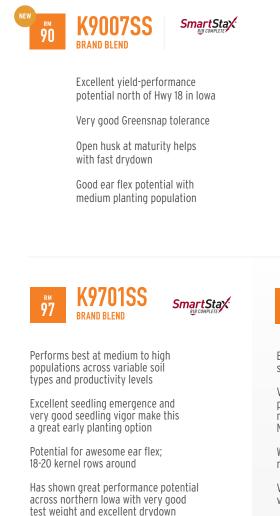
SEE COMPLETE LEGEND ON PAGES 20-23

ABOVE AND BELOW GROUND Insect Protection

1119

2250

М





test weight and excellent drydown

K0358SS

RRAND RI FND



Elite, new genetics in the 103 RM for Kruger Seeds™

Excellent emergence and seedling vigor

Fast drydown allows for early harvest

Manage with fungicide application to protect yield potential

1297

GDUs to Black Layer 2684

Planting Rate Μ

NUMERIC RATING SCALE Excellent 1 - 9 Poor

...... Kruger Seeds[™] FortiField[®] Corn Product





GDUs to Mid-Pollination

_		_	

3	
М	
3	
4	

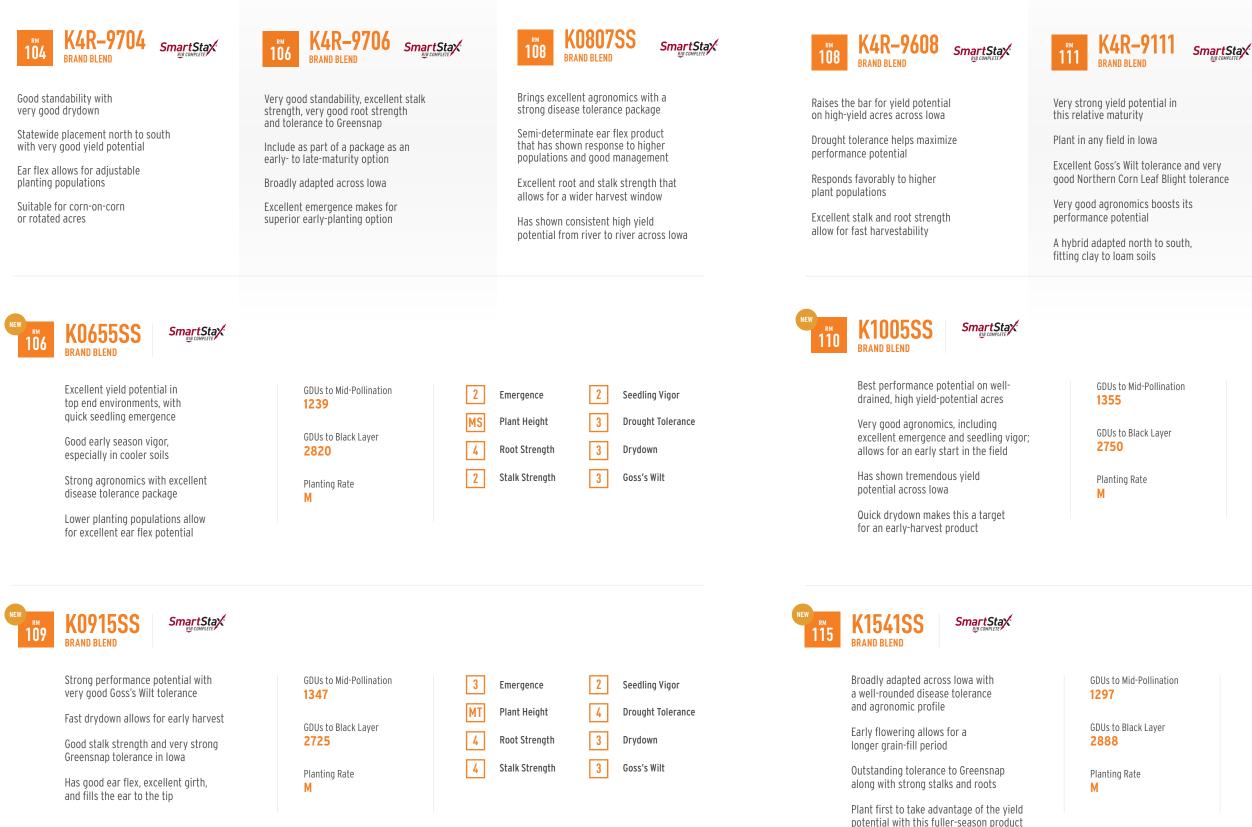
En	ne	rg	er	ice	

Plant Height

Root Strength

- Stalk Strength
- 2 5
 - Seedling Vigor
 - Drought Tolerance
 - Drydown
 - Goss's Wilt

ABOVE AND BELOW GROUND Insect Protection



NUMERIC RATING SCALE









A proven performer with excellent yield potential across lowa

Push plant populations higher to help maximize performance potential

Use on most soil types in the southern half of lowa

Good choice as a dual-purpose grain or silage product

MT 4
4

2 Emergence

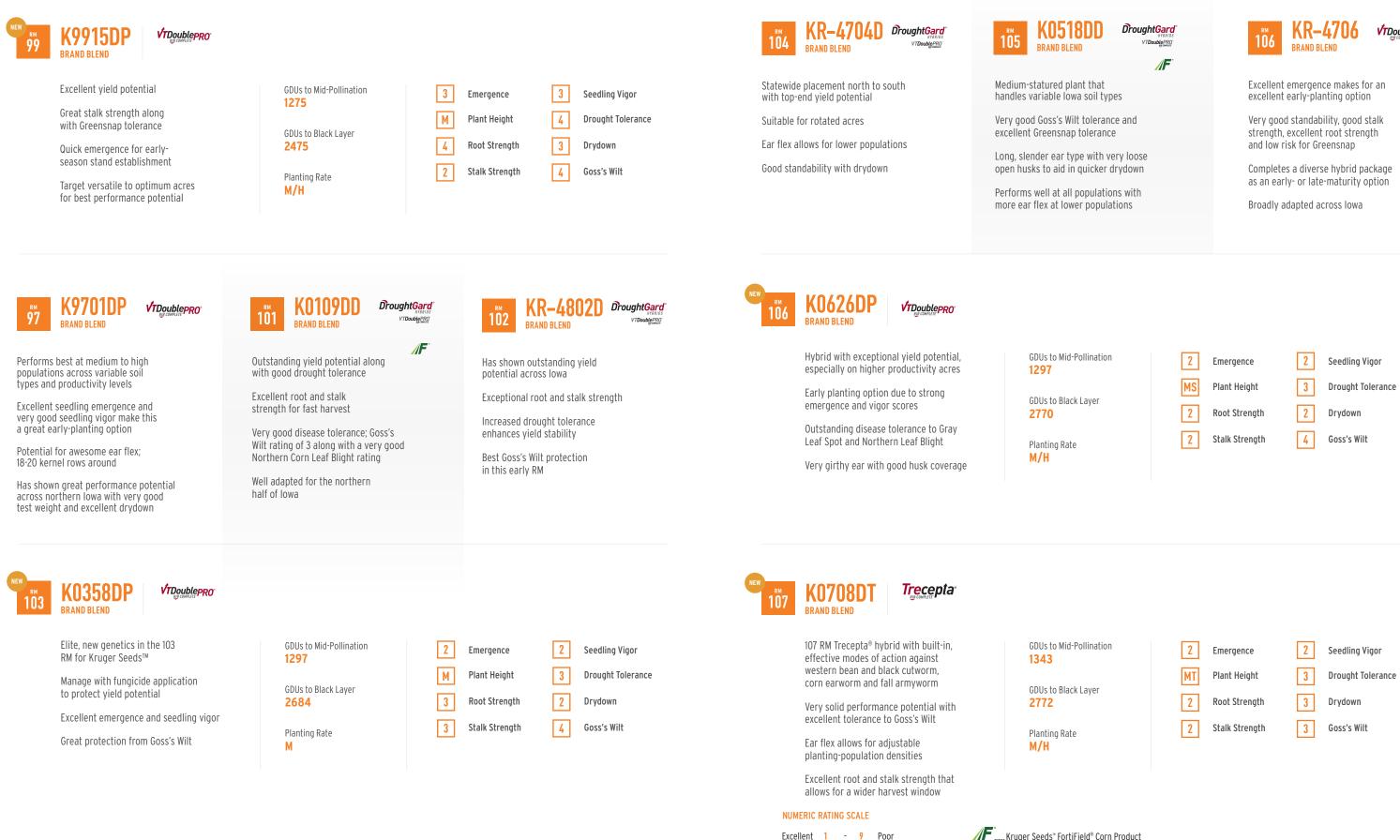
Plant Height

Root Strength

Stalk Strength

2	Seedling Vigor
3	Drought Tolerance
3	Drydown
5	Goss's Wilt

2 Emergence 2 Seedling Vigor Μ Plant Height Drought Tolerance 3 4 Root Strength 4 Drydown 3 3 Stalk Strength Goss's Wilt











2	Seedling Vigor
3	Drought Tolera
2	Drydown
4	Goss's Wilt

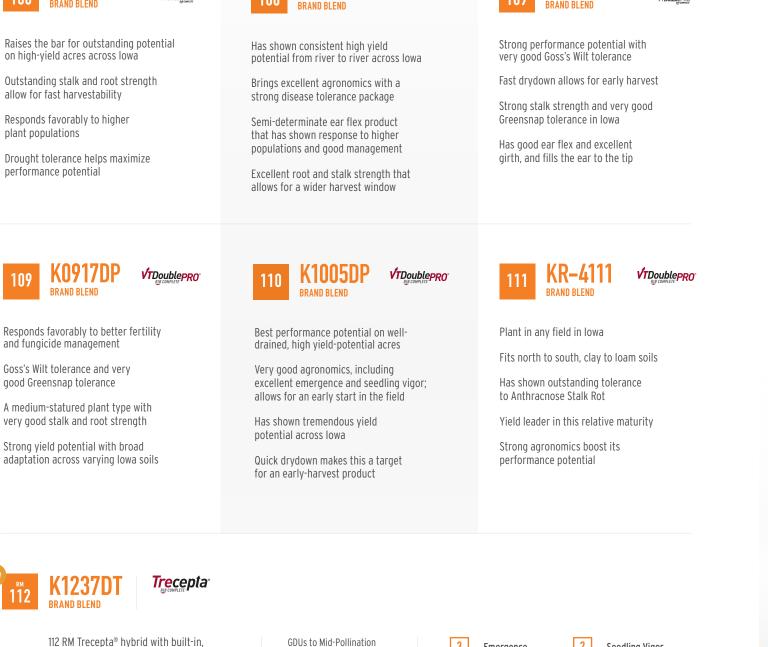
krugerseed

.com

ABOVE GROUND Insect Protection

KR-4608D DroughtGard

RRAND RI FND



VTDoublepR0

K1204DP BRAND BLEND

Excellent early-season agronomics

Excellent stalk and root strength

Strong overall disease tolerance

package with very good drydown

Large plantability footprint from

K1501DP

Semi-flex ear type with broad adaptation

across variable southern lowa soils

Excellent stalk strength and very good

root strength and Goss's Wilt tolerance

BRAND BLEND

Yield leader in multiyear

New, full-season genetics

with very good drydown

performance testing

115

East to West across Iowa

with strong yield potential



VTDoublepR0

VTDoublepR0

//F^{*}

//F



Has shown excellent performance across local field trials

Good choice as a dual-purpose grain or silage product

> Use on most soil types in the southern half of Iowa

To help maximize performance potential, push plant populations



112 RM Trecepta® hybrid with built-in, effective modes of action against western bean and black cutworm, corn earworm and fall armyworm

A broad-acre fit that offers outstanding performance potential in top-end environments

Fits well in the 110 RM zone and works as an early hybrid in the 115 RM zone

Quick drydown to allow for a speedy harvest

GDUs to Mid-Pollination 1305	3	Emergence	2	Seedling Vigor
	MT	Plant Height	3	Drought Tolerance
GDUs to Black Layer 2900	4	Root Strength	2	Drydown
Planting Rate M/H	3	Stalk Strength	4	Goss's Wilt

K0915DD

RRAND RI FND

DroughtGard

NUMERIC RATING SCALE F...... Kruger Seeds[™] FortiField[®] Corn Product Excellent 1 - 9 Poor









Has shown excellent test weight and grain quality

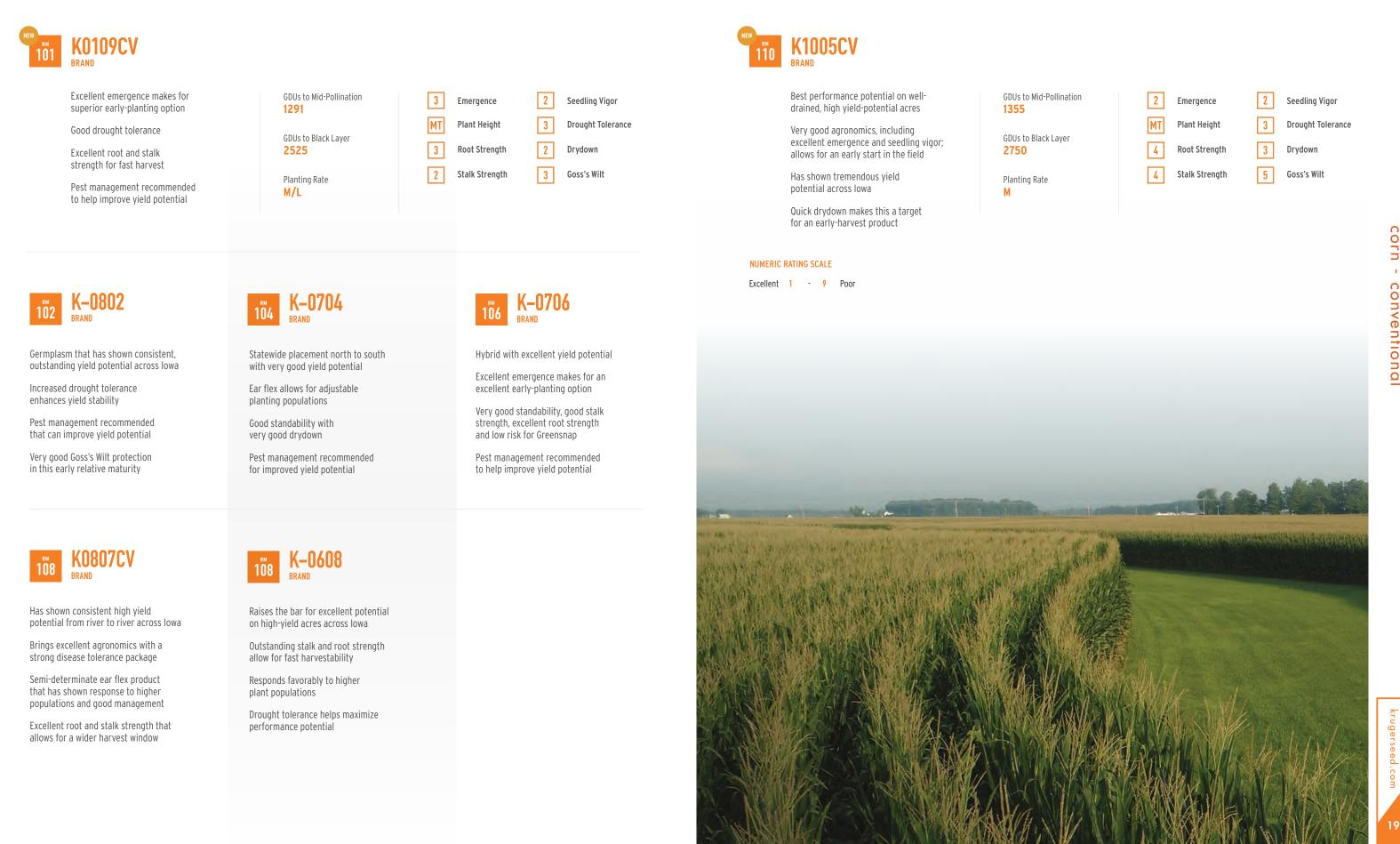
Excellent stalk and root strength; bred for the tough acres in the southern half of Iowa

Maximum performance potential on low-productivity acres

Maintains plant health under stressful conditions



CONVENTIONAL





corn π. conventiona

.com

corp characteristics

corn	characteristics				MATURIT	γ —						- AGRO	NOMIC	:s —	HARVEST DISEASE RATINGS TOLERANCE RA								ASE E Ratin	GS	PLAN								
	Kruger Seeds™ Corn Brands	Trait(s)	Relative Maturity	Growing Degree Units (GDUs) to Mid-Pollination	Growing Degree Units (GDUs) to Black Layer	Early Planting	Silage Option	Tough	Versatile	Optimum	Planting Rate	Yield Level 150 bu/A*	Yield Level 200 bu/A*	Yield Level 250+ bu/A*		Emergence	Seedling Vigor	Root Strength	Stalk Strength	Drought Tolerance	Greensnap Tolerance	Harvest Intactness	Drydown	Test Weight	Gray Leaf Spot	Goss's Wilt Northern Corn	Leaf Blight Race 1 Anthracnose ctail, Dot	Fungal Disease Tolderance	Ear Girth (Kernel Rows)	Ear Placement	Plant Height	Kruger Seeds™ Corn Brands	
	SmartStax® RIB Com	nplete® Cor	n Blends																														
NEW	K9007SS Blend	SSRIB	90	1119	2250						М	30	34	38		3	-	3	3	3	2	3	3	2	-	4 4	2		16-18	М	М	K9007SS Blend	NEW
	K4R-9394 Blend	SSRIB	94	1240	2350			<			MH	33	35	38		3	3	3	3	3	4	3	3	4	5	5 4	5		18-20	М	MS	K4R-9394 Blend	
	K9701SS Blend	SSRIB	96	1262	2425						MH	32	35	37		2	3	4	3	3	4	4	2	3	5	4 3	4		18-20	М	Т	K9701SS Blend	
//F [*]	K0109SS Blend	SSRIB	101	1291	2525						ML	30	32	34		3	2	3	2	3	3	2	2	4	5	3 5	3		14-16	MH	MT	K0109SS Blend	//F [*]
	K4R-9802 Blend	SSRIB	102	1298	2550						М	33	35	38		3	3	3	3	2	3	2	4	4	4	4 5	3		16-18	М	М	K4R-9802 Blend	
NEW	K0358SS Blend	SSRIB	103	1297	2684						М	-	35	38		3	2	3	4	4	3	4	2	4	5	5 5	5		18-20	MH	М	K0358SS Blend	NEW
	K4R-9704 Blend	SSRIB	104	1305	2575						MH	31	33	35		3	3	3	4	2	3	2	4	3	4	4 5	5		16-18	М	М	K4R-9704 Blend	
	K4R-9706 Blend	SSRIB	106	1326	2650						MH	33	35	38		2	3	3	2	2	3	5	3	3	5	3 5	5		14-16	М	М	K4R-9706 Blend	
NEW	K0655SS Blend	SSRIB	106	1239	2820						М	-	30	32		2	2	4	2	3	2	4	3	5	5	3 3	3		14-16	ML	MS	K0655SS Blend	NEW
	K0807SS Blend	SSRIB	108	1340	2700						MH	32	34	37		3	2	3	3	3	4	3	2	3	4	4 3	4		-	М	М	K0807SS Blend	
	K4R-9608 Blend	SSRIB	108	1340	2700						М	34	36	38		3	3	2	3	3	4	4	4	4	5	5 5	5		14-16	М	MT	K4R-9608 Blend	
NEW	K0915SS Blend	SSRIB	109	1347	2725						М	-	32	34		3	2	4	4	4	2	3	3	5	3	3 3	4		16-18	MH	MT	K0915SS Blend	NEW
	K0917SS Blend	SSRIB	109	1347	2725						М	32	34	36		3	4	3	3	3	3	3	2	4	4	5 5	3		16-18	М	М	K0917SS Blend	
NEW	K1005SS Blend	SSRIB	110	1355	2750						М	-	35	37		2	2	4	4	3	5	4	3	4	5	5 5	4		16-18	-	MT	K1005SS Blend	NEW
	K4R-9111 Blend	SSRIB	111	1365	2775						MH	30	34	38		3	4	2	3	3	3	4	3	4	5	3 5	4		14-16	М	MT	K4R-9111 Blend	
	K1114SS Blend	SSRIB	111	1340	2700						MH	32	33	35		3	2	3	3	3	3	3	2	4	4	4 3	4		14-16	М	М	K1114SS Blend	
//F *	K1204SS Blend	SSRIB	112	1373	2800						М	-	34	37		2	2	3	3	3	3	4	3	4	4	4 4	4		16-18	MH	М	K1204SS Blend	//F *
	K4R-9913 Blend	SSRIB	113	1380	2825						MH	33	35	38		3	3	4	4	3	3	3	4	4	6	5 4	3		14-16	М	Т	K4R-9913 Blend	
//F [*]	K1501SS Blend	SSRIB	115	1394	2875						М	32	34	37		3	3	2	2	3	4	2	3	2	4	4 3	4		16-18	MH	MT	K1501SS Blend	∕/F `
NEW	K1541SS Blend	SSRIB	115	1297	2888						М	32	35	38		2	2	2	3	3	2	2	4	5	6	3 4	3		16-18	М	М	K1541SS Blend	NEW
	K4R-9116 Blend	SSRIB	116	1401	2900						М	30	33	35		3	3	3	2	2	4	3	3	4	4	3 4	3		16-18	MH	MT	K4R-9116 Blend	

1291

2525

K0109DD Blend	DGVT2PRIB	101
KR-4802D Blend	DGVT2PRIB	102
KR-4704D Blend	DGVT2PRIB	104
K0518DD Blend	DGVT2PRIB	105
KR-4608D Blend	DGVT2PRIB	108
K0915DD Blend	DGVT2PRIB	109
K1403DD Blend	DGVT2PRIB	114
	KR-4802D Blend KR-4704D Blend K0518DD Blend KR-4608D Blend K0915DD Blend	KR-4802D Blend DGVT2PRIB KR-4704D Blend DGVT2PRIB K0518DD Blend DGVT2PRIB KR-4608D Blend DGVT2PRIB K0915DD Blend DGVT2PRIB

1298 2550 1305 2575 1319 2625 1340 2700 1347 2725 1387 2850

PLANTING RATE, EAR PLACEMENT MH. ...Medium High ..Medium М ML. ..Medium Low

PLANT HEIGHT Т

...Tall MT. ...Medium Tall ...Medium Μ... MSMedium Short

30

33

31

30

34

-30

ML

М

MH

 ML

М

М

М

32 34

35 38

35

-

38

-

33

34

36

-

32 34

3	2	3	2	3	3	2	2	4	5	
3	3	3	3	2	5	2	4	4	4	
3	3	3	4	2	3	4	4	3	4	
3	3	3	3	2	2	3	2	4	2	
3	3	2	3	3	3	4	4	4	4	
3	4	4	4	4	2	3	3	5	3	
3	3	3	3	2	4	3	5	2	5	

NUMERIC RATING SCALE

(Excellent) 1...... 9 (Poor) - Current data not available

Highly Recommended

Recommended in Most Situations

Use With Appropriate Management

Not Reccommended / Susceptible

Data Not Available

TRAIT IDENTIFICATION

......SmartStax® RIB Complete® Corn BlendVT Double PRO® RIB Complete® Corn BlendDroughtGard® Hybrids with VT Double PRO® RIB Complete® Corn Blend SSRIB ... VT2PRIB..... DGVT2PRIB. RR2Roundup Ready® Corn 2 CONV... ...ConventionalTrecepta® RIB Complete® Corn Blend TRERIB

5 3 14-16 MH MT K0109DD Blend //	3	3	3	5	5	3	5	3	3
5 3 16-18 M M KR-4802D Blend	4	4	4	5	5	3	5	4	4
5 5 16-18 M M KR-4704D Blend	4	4	4	5	5	5	5	4	4
4 3 16-18 ML M KO518DD Blend	3	3	3	4	4	3	4	3	3
5 5 14-16 M MT KR-4608D Blend	5	5	5	5	5	5	5	5	5
3 4 16-18 MH MT K0915DD Blend	5	5	5	3	3	4	3	5	5
4 5 - MH M K1403DD Blend	4	4	4	4	4	5	4	4	4

...... Kruger Seeds™ FortiField® Corn Product

* Planting Rate 1000 Seeds/Acre



corn	characteristics	5																															🔌 Kruge	e eds™
					MATURIT	Γ Υ ——						– AGRO	NOMIC	S —							— H. R	ARVES ATINGS		TO	DIS LERAN	EASE CE RA	TINGS		— PLAN	Т ТҮР	'E —			
	Kruger Seeds™ Corn Brands	Trait(s)	Relative Maturity	Growing Degree Units (GDUs) to Mid-Pollination	Growing Degree Units (GDUs) to Black Layer	Early Planting	Silage Option	Tough	Versatile	Optimum	Planting Rate	Yield Level 150 bu/A*	Yield Level 200 bu/A*	Yield Level 250+ bu/A*	Emergence	Seedling Vigor	Root Strength	Stalk Strength	Drought Tolerance	Greensnap Tolerance	Harvest Intactness	Drydown	Test Weight	Gray Leaf Spot	Goss's Wilt Northern Corn	Leaf Blight Race 1	Anthracnose Stalk Rot	Fungal Disease Tolderance	Ear Girth (Kernel Rows)	Ear Placement	Plant Height	Kruger Seeds™ Corn Brands		
	VT Double PRO® RIB	Complete®	Corn Ble	ends																														
NEW	K9007DP Blend	VT2PRIB	90	1119	2250						М	30	34	38	3	-	4	3	3	3	4	2	4	-	5	5	5		16-18	М	М	K9007DP Blend	NEW	
	K9701DP Blend	VT2PRIB	97	1262	2425					>	MH	32	35	37	2	3	4	3	3	4	4	2	3	5	4	3	4		18-20	М	Т	K9701DP Blend		
NEW	K9915DP Blend	VT2PRIB	99	1275	2475						MH	-	33	35	3	3	4	2	4	2	3	3	4	-	4	5	3		-	М	М	K9915DP Blend	NEW	
NEW	K0358DP Blend	VT2PRIB	103	1297	2684						М	-	35	38	2	2	3	3	3	3	4	2	3	5	4	5	5		18-20	MH	М	K0358DP Blend	NEW	
	KR-4706 Blend	VT2PRIB	106	1326	2650					>	MH	33	35	38	2	3	3	2	2	4	5	3	3	5	2	5	5		14-16	М	М	KR-4706 Blend		
NEW	K0626DP Blend	VT2PRIB	106	1297	2770					>	MH	-	32	36	2	2	2	2	3	4	3	2	4	4	4	3	3		16-18	ML	MS	K0626DP Blend	NEW	
	KO807DP Blend	VT2PRIB	108	1340	2700					>	MH	32	34	37	3	3	3	3	3	3	4	2	3	4	4	3	5		-	М	М	KO807DP Blend	C	
	K0917DP Blend	VT2PRIB	109	1347	2725						М	32	34	36	3	3	3	3	3	3	3	2	4	3	4	4	4		16-18	М	М	K0917DP Blend	0	or
	K1005DP Blend	VT2PRIB	110	1355	2750					>	М	-	35	37	2	2	4	4	3	5	4	3	4	5	5	5	4		16-18	MH	MT	K1005DP Blend		
	KR-4111 Blend	VT2PRIB	111	1365	2775						MH	30	34	38	3	3	2	3	3	3	4	3	4	5	3	5	4		14-16	М	MT	KR-4111 Blend	2	cha
//F [*]	K1204DP Blend	VT2PRIB	112	1373	2800					>	М	-	34	37	2	3	3	3	3	3	4	3	4	4	4	3	4		16-18	MH	М	K1204DP Blend	_	
	KR-4913 Blend	VT2PRIB	113	1380	2825					>	MH	33	35	38	3	3	4	4	3	3	4	4	4	6	5	4	3		14-16	М	Т	KR-4913 Blend	C	Ω
//F °	K1501DP Blend	VT2PRIB	115	1394	2875					>	М	32	34	37	3	3	3	2	3	4	3	3	3	4	5	4	4		16-18	MH	MT	K1501DP Blend	∕/F [™]	cteristic
	KR-4116 Blend	VT2PRIB	116	1401	2900					>	М	30	33	35	3	3	3	2	2	4	3	3	4	4	3	4	3		16-18	MH	MT	KR-4116 Blend	U L	<u>.</u>
	Trecepta® RIB Comp																																ن 	2
NEW	K0708DT Blend	TRERIB	107	1343	2772						MH	-	32	35	2	2	2	2	3	3	2	3	5	-		5	4		14-16			K0708DT Blend	NEW	
NEW	K1237DT Blend	TRERIB	112	1305	2900						MH	32	34	36	3	2	4	3	3	3	3	2	4	4	4	3	4		16-18	MH	MT	K1237DT Blend	NEW	
	Conventional																																	
NEW	K0109CV	CONV	101	1291	2525						ML	30	32	34	3	2	3	2	3	3	2	2	4	5	3	5	3		14-16	MH	MT	K0109CV	NEW	
	K-0802	CONV	102	1298	2550						М	33	35	38	3	3	3	3	2	5	3	4	4	4	4	5	5		16-18	М	М	K-0802		
	K-0704	CONV	104	1305	2575						MH	31	33	35	3	3	3	4	2	3	4	4	3	5	4	5	5		16-18	М	М	K-0704		
	K-0706	CONV	106	1326	2650						MH	33	35	38	2	3	3	2	2	4	5	3	3	4	3	5	5		14-16	М	М	K-0706		
	K-0608	CONV	108	1340	2700						М	34	36	38	3	3	2	3	3	3	4	4	4	4	4	5	5		14-16	М	MT	K-0608		
	K0807CV	CONV	108	1340	2700						MH	32	34	37	3	3	3	3	3	3	4	2	3	4	4	3	5		-	М	М	K0807CV		
NEW	K1005CV	CONV	110	1355	2750						М	-	35	38	2	2	4	4	3	5	4	3	4	5	5	5	4		16-18	-	MT	K1005CV	NEW	

NUMERIC RATING SCALE

(Excellent) **1**..... **9** (Poor) - Current data not available

PLANTING RATE, EAR PLACEMENT MH...Medium High ..Medium Μ. ML. ...Medium Low

Use With Appropriate

Management

PLANT HEIGHTTall Τ.....

MTMedium Tall Μ.Medium MSMedium Short

 TRAIT IDENTIFICATION

 SSRIB
 SmartStax* RIB Complete* Corn Blend

 VT2PRIB
 VT2PRIB

 DGVT2PRIB
 DroughtGard* Hybrids with VT Double PRO* RIB Complete* Corn Blend

 DGVT2PRIB
 Roundup Ready* Corn 2

 CONV... ...Conventional TRERIBTrecepta® RIB Complete® Corn Blend

Highly Recommended

Recommended in Most Situations

Not Reccommended / Susceptible

Data Not Available

...... Kruger Seeds™ FortiField® Corn Product

* Planting Rate 1000 Seeds/Acre

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SOYBEANS

innovation begins in Iowa soil.

We're pleased to add 11 NEW SOYBEAN PRODUCTS to our portfolio for 2021. Each has been meticulously tested and evaluated through our leading breeding program.

And XtendFlex[®] soybeans* (expected soon) will give you yet another option to help meet your toughest challenges.

*XtendFlex® soybeans are not currently available for commercial sale or commercial planting. Commercialization of XtendFlex® soybeans is dependent on multiple factors, including successful conclusion of the regulatory process. The information presented herein is provided for educational purposes only, and is not and shall not be construed as an offer to sell.

*No dicamba may be used in-crop with seed in the Roundup Ready® Xtend Crop System unless and until approved by the U.S. EPA and the appropriate state agency for such use. As of July 20, 2020, no dicamba formulations are currently registered by the U.S. EPA for in-crop use with seed in the Roundup Ready® Xtend Crop System in the 2021 season. Current stocks of dicamba herbicides previously approved for in-crop use with seed in the Roundup Ready® Xtend Crop System any not be used for the 2021 growing season. Dicamba may harm crops that are not tolerant to dicamba. Contact the U.S. EPA and your state pesticide regulatory agency with any questions about the approval status of dicamba herbicides products for in-crop use with seed in the Roundup Ready® Xtend Crop System.

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





soybeans



XTENDFLEX® SOYBEANS* (Expected Soon)

NEW RM 1.4	K1491XF BRAND				NEW RM 2.2 BRAND	4XF XTENDFLEX			
	Bushy plant type with good Iron Deficiency Chlorosis tolerance for northern Iowa Excellent emergence makes this a great option for early planting	Pubescence Color T Phytophthora Root Rot Gene Seg Rps3a Soybean Cyst Nematode Resistance S	 Emergence Plant Height Standability 	 5 Iron Deficiency Chlorosis White Mold S Sudden Death Syndrome 	great dise Excellent and Phyto Very good	endFlex® soybean with a ease tolerance package Iron Deficiency Chlorosis ophthora Root Rot scores d Sclerotinia d tolerance	Pubescence Color G Phytophthora Root Rot Gene Rps1c Soybean Cyst Nematode Resistance R	1EmergenceMPlant Height2Standability	 Iron Deficiency Chlorosis White Mold Sudden Death Syndrome
NEW RM 1.8	K1893XF BRAND				REW RM 2.3 RAND	1XF XTENDFLEX			
	1.8 MG XtendFlex® soybean with good performance potential across lowa Good Iron Deficiency Chlorosis and Brown Stem Rot tolerance Tall plant with great standability	Pubescence Color T Phytophthora Root Rot Gene Seg Rps1c Soybean Cyst Nematode Resistance R	1EmergenceTPlant Height2Standability	 Iron Deficiency Chlorosis White Mold Sudden Death Syndrome 	Good dise with good and Brow	re 2.3 MG XtendFlex® soybean ease tolerance package d Iron Deficiency Chlorosis n Stem Rot tolerance emergence and standability	Pubescence Color G Phytophthora Root Rot Gene Rps1c Soybean Cyst Nematode Resistance R	1EmergenceMPlant Height1Standability	 Iron Deficiency Chlorosis White Mold Sudden Death Syndrome
NEW RM 2.0	K2084XF				REW RM 2.5 K259 BRAND	4XF XIELANS			
	2.0 MG XtendFlex® soybean that provides an excellent disease tolerance package Excellent tolerance ratings for Phytophthora Root Rot, Iron Chlorosis Deficiency, Sclerotinia White Mold, Sudden Death Syndrome and Brown Stem Rot Excellent standability and performance potential	Pubescence Color G Phytophthora Root Rot Gene Seg Rps1c Soybean Cyst Nematode Resistance R	 Emergence Plant Height Standability 	 3 Iron Deficiency Chlorosis 4 White Mold 4 Sudden Death Syndrome 	performa Good Iron Excellent	endFlex® soybean with good nce potential across lowa n Deficiency Chlorosis tolerance standability and em Rot tolerance	Pubescence Color G Phytophthora Root Rot Gene Rps1c Soybean Cyst Nematode Resistance R	 2 Emergence MT Plant Height 1 Standability 	 Iron Deficiency Chlorosis White Mold Sudden Death Syndrome

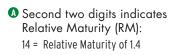
NOTICE: DO NOT APPLY ANY HERBICIDE TO SEED II status of dicamba herbicides products for in-crop use with seed in the Roundup Ready® Xtend Crop System. NOTICE: DO NOT APPLY AN THE ROUNDUP READY® XTEND CROP SYSTEM UNLESS IT HAS A PRODUCT LABEL SPECIFICALLY AUTHORIZING THAT I ANY MANDED INCONSISTENT WITH HER UNDER THE READY OF A PRODUCT LABEL SPECIFICALLY AUTHORIZING THAT I

- current numbering system -



Last two digits differentiate within the same relative maturity Indicates XtendFlex[®] soybeans





NUMERIC	RATING	SCALE



- Current data not available

SEE COMPLETE LEGEND ON PAGES 32-35



soybeans - XtendFlex®

XTENDFLEX[®] SOYBEANS* (Expected Soon)

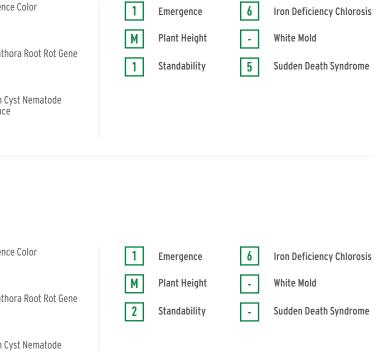
NEW RM 2.7	K2793XF BRAND	x			NEW RM 3.5	K3593XF	SOYBEANS	
	2.7 MG XtendFlex® soybean with solid performance potential Excellent Brown Stem Rot and Southern Stem Canker tolerance Great yield potential across a wide Iowa footprint	Pubescence Color G Phytophthora Root Rot Gene Rps1c Soybean Cyst Nematode Resistance R	1EmergenceMPlant Height2Standability	5 Iron Deficiency Chlorosis - White Mold - Sudden Death Syndrome		3.5 MG XtendFlex® soy excellent performanc across a wide lowa ge Excellent rating for So Stem Canker toleranc Outstanding emergen	e potential ography outhern e	Pubescence G Phytophtho Rps1c Soybean Cy Resistance R
NEW 2.8	K2885XF BRAND 2.8 MG XtendFlex® soybean with good performance potential Good disease tolerance package with good ratings for Sclerotinia White Mold, Phytophthora Root Rot and Iron Deficiency Chlorosis	X Pubescence Color LT Phytophthora Root Rot Gene Rps3a Soybean Cyst Nematode Resistance R	 2 Emergence M Plant Height 3 Standability 	 Iron Deficiency Chlorosis White Mold Sudden Death Syndrome 	NEW 3.7	K3792XF BRAND 3.7 MG XtendFlex® soy has excellent perform potential across south Excellent emergence standability; can perfo on tight, poorly drain Outstanding rating fo Stem Canker tolerance	ance hern Iowa and orm well ed soils r Southern	Pubescence G Phytophtho Rps1c Soybean Cy Resistance R
NEW 3.2	K3293XF BRAND Taller 3.2 MG XtendFlex® soybean Bushy plant that can be planted across wide geography Excellent Iron Deficiency Chlorosis tolerance	✗ Pubescence Color G Phytophthora Root Rot Gene Rps1k Soybean Cyst Nematode Resistance R3	 2 Emergence MT Plant Height 2 Standability 	 3 Iron Deficiency Chlorosis 6 White Mold 6 Sudden Death Syndrome 		Our to he	EXAMPLE 1 CPECTED S XtendFlex® soybeans slp control the most contro	s* (expected so hallenging we v 2 Xtend® Techno

*No dicamba may be used in-crop with seed in the Roundup Ready[®] Xtend Crop System unless and until approved by the U.S. EPA and the appropriate state agency for such use. As of July 20, 2020, no dicamba formulations are currently registered by the U.S. EPA for in-crop use with seed in the Roundup Ready[®] Xtend Crop System in the 2021 season. Current stocks of dicamba herbicides previously approved for in-crop use with seed in the Roundup Ready[®] Xtend Crop System may not be used for the 2021 growing season. Dicamba may harm crops that are not tolerant to dicamba. Contact the U.S. EPA and your state pesticide regulatory agency with any questions about the approval status of dicamba herbicides products for in-crop use with seed in the Roundup Ready[®] Xtend Crop System. **NOTICE: DO NOT APPLY ANY HERBICIDE TO SEED IN THE ROUNDUP READY[®] XTEND CROP SYSTEM UNLESS IT HAS A PRODUCT LABEL SPECIFICALLY AUTHORIZING THAT USE. TO USE A HERBICIDE IN ANY MANNER INCONSISTENT WITH ITS LABELING IS A VIOLATION OF FEDERAL LAW. REFER TO THE BAYER TECHNOLOGY USE GUIDE FOR DETAILS AND RECOMMENDATIONS ON USING APPROVED ROUNDUP[®] [AND LIBERTY[®] BRANDED] HERBICIDES ON SEED IN THE ROUNDUP READY[®] XTEND CROP SYSTEM.**

Talk to your local Kruger Seeds Dealer or Field Sales Representative, or visit **RoundupReadyXtend.com/XtendFlex** for more information.

*XtendFlex® soybeans are not currently available for commercial sale or commercial planting. Commercialization of XtendFlex® soybeans is dependent on multiple factors, including successful conclusion of the regulatory process. The information presented herein is provided for educational purposes only, and is not and shall not be construed as an offer to sell.





from Kruger Seeds™

soon) will provide farmers like you with yet another option veeds.

nology, farmers can continue to count on the high-yielding t harvest.

• With the addition of tolerance to glufosinate, farmers will have their choice of herbicides to support the way they manage their fields' unique weed challenges.

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ROUNDUP READY 2 XTEND® SOYBEANS*



Roundup Ready 2 Xtend[®] soybean with outstanding defensive and offensive potential

Above-average tolerances for Sclerotinia White Mold, Iron Deficiency Chlorosis and Sudden Death Syndrome allow for easy placement across northern lowa

Excellent standability for a speedy harvest



Well-rounded soybean with excellent yield potential

A strong agronomic package for Iron Deficiency Chlorosis and Sclerotinia White Mold

Medium-bushy plant type with great standability



Has shown outstanding topend yield performance

Very good Iron Deficiency Chlorosis and Sudden Death Syndrome tolerance

High yield potential in better drained soils



A fuller-season sovbean with the best scores for emergence and standability; a great option for early planting across the southern half of lowa

Has exhibited excellent Sudden Death Syndrome and Sclerotinia White Mold tolerance in the field



High vield-potential Roundup Ready 2 Xtend[®] soybean

Excellent standability paired with a solid agronomics package

Medium-tall plant type with above-average Sudden Death Syndrome tolerance



A Roundup Ready 2 Xtend® soybean that adds a new level of performance potential

Outstanding agronomics with good tolerances to Iron Deficiency Chlorosis, Sclerotinia White Mold and Sudden Death Syndrome

Excellent standability; a good fit for Iowa's no-till acres



A high yield-potential soybean with very good emergence and excellent standability

Has Rps1c gene to help protect against Phytopthora Root Rot and improve performance potential on wetter soils

Target top-end acres to maximize performance potential



Defensive along with yield potential allows for broad use across lowa

Very good protection against Sclerotinia White Mold and Iron Deficiency Chlorosis

A soybean with a medium plant height and canopy



Has shown top-end yield-performance potential in Iowa trials

A medium plant type with excellent standability

A soybean that can be planted river to river across southern lowa



Has shown strong yield performance in stress environments

Manage plant populations to help improve standability in high-productivity soils

Very good seedling disease and Sudden Death Syndrome tolerance make this a nice defensive option



Yield potential excels in higheryielding environments

Very good Sudden Death Syndrome protection fit for central lowa soils

Works well in poorly drained fields due to excellent Brown Stem Rot and Phytophthora Root Rot tolerances



Top-end yield potential for Iowa

Excellent emergence makes this a great option for early planting or heavy residue fields

Excellent standability for easy harvest

K2X-2673 ROUNDUP READY 2 SOVERANS



An Iowa-adapted product with tremendous yield potential

Very good agronomic package for Iron Deficiency Chlorosis, Sudden Death Syndrome, White Mold and Brown Stem Rot tolerances

Has potential to become the Kruger Seeds™ leader in this relative maturity



ed by the U.S. EPA and the appropriate state agency for such seed in the Roundup Ready® Xtend Crop System in the 2021 dy® Xtend Crop System may not be used for the 2021 growing *No dicamba may be used in-crop with seed i use. As of July 20, 2020, no dicamba formula season. Current stocks of dicamba herbicides *No dicamba may be used in-crop with seed in the Roundup Ready[®] Xtend Crop System unless and until approved by the U.S. EPA and the appropriate state agency for suct use. As of July 20, 2020, no dicamba formulations are currently registered by the U.S. EPA for in-crop use with seed in the Roundup Ready[®] Xtend Crop System in the 2021 season. Current stocks of dicamba herbicides previously approved for in-crop use with seed in the Roundup Ready[®] Xtend Crop System may not be used for the 2021 growin season. Dicamba may harm crops that are not tolerant to dicamba. Contact the U.S. EPA and your state pesticide regulatory agency with any questions about the approval status of dicamba herbicides products for in-crop use with seed in the Roundup Ready[®] Xtend Crop System. NOTICE: DO NOT APPLY ANY HERBICIDE TO SEED IN THE ROUNDUP READY[®] XTEND CROP SYSTEM UNLESS IT HAS A PRODUCT LABEL SPECIFICALLY AUTHORIZING THAT USE. TO USE A HERBICIDE IN ANY MANDER INCONSISTENT WITH USE A DEFINION OF EXPERIMENT USE A MERBICIDE IN ANY MANDER INCONSISTENT WITH USE A DEFINION OF EXPERIMENT. ANY MANNER INCONSISTENT WITH ITS LAI RECOMMENDATIONS ON USING APPROVED IS A VIOLATION OF FEDERAL LAW. REFER TO THE BAYER TECHNOLOGY USE (DUP® [AND LIBERTY® BRANDED] HERBICIDES ON SEED IN THE ROUNDUP REA TAILS AND







Multiyear testing has shown excellent yield performance across variable southern lowa soils

Very good choice for fields with a history of Sudden Death Syndrome

Medium-bushy plant type that helps close rows quickly





Excellent stress tolerance for tough growing environments

Tall soybean that stands well for easy harvest

A good option for the hills of southern Iowa

soybean characteristics

								— AGF	RONOMI	C CHARA	CTERIS	TICS —							DIS	EASE MANA	GEMENT —]	
	Kruger Seeds™ Soybean Brands	Trait	Relative Maturity	Early Planting	Heavy/Poorly Drained Soils	Well-Drained Soils	High-Yield Environments	Emergence	Standability	No-Till	Flower Color	Pubescence Color	Pod Color	Hilum Color	Plant Type	Plant Height	Soybean Cyst Nematode	Source Variety of Soybean Cyst Nematode Resistance	Phytophthora Root Rot Gene	Phytophthora Root Rot Tolerance	Iron Deficiency Chlorosis Tolerance	Sclerotinia White Mold Tolerance	Brown Stem Rot Tolerance	Sudden Death Syndrome Tolerance	Kruger Seeds [™] Soybean Brands	4
	XtendFlex [®] Soybe																									
NEW	K1491XF	XF	1.4					1	2	1	W	T	BR	BL	MB	М	S	P188788	Seg Rps3a	-	4	-	6	-	K1491XF	NEW
NEW	K1893XF	XF	1.8					1	2	1	Р	T	TN	BL	М	T	R	P188788	Seg Rps1c	-	4	-	4	-	K1893XF	NEW
NEW	K2084XF	XF	2.0					1	1	1	Р	G	BR	IB	MB	М	R	P188788	Seg Rps1c	3	3	4	3	4	K2084XF	NEW
NEW	K2294XF	XF	2.2					1	2	1	Р	G	TN	GR	М	М	R	P188788	Rps1c	-	4	4	3	-	K2294XF	NEW
NEW	K2391XF	XF	2.3					1	1	1	Р	G	TN	GR	М	М	R	P188788	Rps1c	-	4	-	3	-	K2391XF	NEW
NEW	K2594XF	XF	2.5					2	1	2	Р	G	TN	GR	М	MT	R	P188788	Rps1c	-	4	-	3	-	K2594XF	NEW
NEW	K2793XF	XF	2.7					1	2	1	Р	G	TN	GR	М	М	R	P188788	Rps1c	-	5	-	3	-	K2793XF	NEW
NEW	K2885XF	XF	2.8					2	3	2	Р	LT	TN	BL	М	М	R	P188788	Rps3a	4	4	4	6	5	K2885XF	NEW
NEW	K3293XF	XF	3.2					2	2	2	Р	G	BR	IB	MB	MT	R3	P188788	Rps1k	5	3	6	3	6	K3293XF	NEW
NEW	K3593XF	XF	3.5					1	1	1	Р	G	BR	IB	М	М	R	P188788	Rps1c	5	6	-	3	5	K3593XF	NEW
NEW	K3792XF	XF	3.7					1	2	1	Р	G	BR	IB	М	М	R	P188788	Rps1c	5	6	-	-	-	K3792XF	NEW

TRAIT ABBREVIATION XFXtendFlex[®] Soybeans

SOYBEAN CYST NEMATODE RESISTANCE SOURCE **P188788** Race 3, 14 PekingRace 1, 3, 5

> SOYBEAN CYST NEMATODEResistance 1, 3, 14 Specific Race of Soybean

Cyst NematodeSusceptible Susc.

NUMERIC RATING SCALE (Excellent) 1.....9 (Poor) - Current data not available

> PLANT TYPE MB.....Medium Bushy M.....Medium

PLANT HEIGHT ...Tall ...Medium Tall MT ...Medium Μ

...Medium Short

...Tawny

PUBESCENCE COLORGray G.... ...Light Tawny IT.

MS.

HILUM COLOR

BLBlack IB.....Imperfect Black GR.....Gray

FLOWER COLOR P.....Purple WWhite

POD COLOR TN.....Tan BR....Brown

COLOR KEY

Highly Recommended

Recommended In Most Situations

Use With Appropriate Not Generally Recommended Data Not Available

No dicamba may be used in-crop with seed in the Roundup Ready® Xtend Crop System unless and until approved by the U.S. EPA and the appropriate state agency for such use. As of July 20, 2020, no dicamba formulations are currently registered by the U.S. EPA for in-crop use with seed in the Roundup Ready® Xtend Crop System in the 2021 season. Current stocks of dicamba herbicides previously approved for in-crop use with seed in the Roundup Ready® Xtend Crop System may not be used for the 2021 growing season. Dicamba may harm crops that are not tolerant to dicamba. Contact the U.S. EPA and your state pesticide regulatory agency with any guestions about the approval status of dicamba herbicides products for in-crop use with seed in the Roundup Ready® Xtend Crop System may not be used for the 2021 growing status of dicamba herbicides products for in-crop use with seed in the Roundup Ready® Xtend Crop System may not be used for the 2021 growing status of dicamba herbicides products for in-crop use with seed in the Roundup Ready® Xtend Crop System. NOTICE: DO NOT APPLY ANY HERBICIDE TO SEED IN THE ROUNDUP READ® XTEND CROP SYSTEM UNLESS IT HAS A PRODUCT LABEL SPECIFICALLY AUTHORIZING THAT USE. TO USE A HERBICIDE IN ANY MANNER INCONSISTENT WITH ITS LABELING IS A VIOLATION OF FEDERAL LAW. REFER TO THE BAYER TECHNOLOGY USE GUIDE FOR DETAILS AND RECOMMENDATIONS ON USING APPROVED ROUNDUP® [AND LIBERTY® BRANDED] HERBICIDES ON SEED IN THE ROUNDUP READY® XTEND CROP SYSTEM.

Management



PHYTOPHTHORA ROOT ROT (PRR) GENE

Susc.Susceptible

Rps1a......Denotes resistance to races 1, 2, 10, 11, 13-18, 24, 26, 27, 31, 32, 36, 48, 50-52, 54, 55 **Rps1c**......Denotes resistance to races 1-3, 6-11, 13, 15, 17, 21, 23, 24, 26, 28-30, 32, 34, 36, 41, 42, 44, 48, 50, 52, 54, 55 Rps3a......Denotes resistance to races 1-5, 8, 9, 11, 13, 14, 16, 18, 23, 25, 28, 29, 31-35, 40, 41, 43-45, 47-52, 54 Seg.....Segregating for specific gene

soybeans Т. characteristics

krugerseed.com

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soybean characteristics

							— AGR	ONOMI	C CHARA	ACTERIS	TICS —							DIS	EASE MANA	GEMENT —]
Kruger Seeds™ Soybean Brands	Trait	Relative Maturity	Early Planting	 Heavy/Poorly Drained Soils 	Well-Drained Soils	High-Yield Environments	Emergence	 Standability 	No-Till	Flower Color	Pubescence Color	Pod Color	Hilum Color	Plant Type			Source Variety of Soybean Cyst Nematode Resistance	Phytophthora Root Rot Gene	Phytophthora Root Rot Tolerance	Iron Deficiency Chlorosis Tolerance	Sclerotinia White Mold Tolerance	Brown Stem Rot Tolerance	Sudden Death Syndrome Tolerance	Kruger Seeds™ Soybean Brands
Roundup Rea			oeans*																					
K2X-1681	RR2X	1.6					-	1	-	Р	G	TN	IB	-	М	R	P188788	Seg Rps1c	5	4	4	3	4	K2X-1681
K2X-1862	RR2X	1.8					2	2	-	Р	LT	BR	BL	MB	М	R3	P188788	Rps1c	5	4	4	3	5	K2X-1862
K2X-2052	RR2X	2.0					2	3	3	Р	LT	BR	BL	MB	Т	R3	P188788	Rps1c	6	3	6	4	4	K2X-2052
K2X-2073	RR2X	2.0					-	1	2	Р	G	BR	IB	-	М	R	P188788	Rps1a/3a	4	4	4	3	5	K2X-2073
K2X-2283	RR2X	2.2					2	2	-	Р	G	BR	IB	М	М	R	P188788	Rps1c	5	5	5	5	6	K2X-2283
K2X-2573	RR2X	2.5					2	3	1	Р	G	BR	IB	М	М	R3	P188788	Rps1c	4	4	4	3	5	K2X-2573
K2X-2652	RR2X	2.6					2	2	2	Р	Т	BR	BL	М	М	R3	P188788	Rps1c	4	4	5	2	3	K2X-2652
K2X-2673	RR2X	2.6					-	1	2	Р	G	BR	IB	-	М	R3	P188788	Rps1c	-	4	-	3	-	K2X-2673
K2X-2971	RR2X	2.9					2	2	1	Р	G	BR	IB	М	М	R	P188788	Rps1c/Seg 1a	-	3	4	2	4	K2X-2971
K2X-3271	RR2X	3.2					1	1	1	Р	G	BR	IB	М	MT	R	P188788	Rps1c	4	5	4	2	4	K2X-3271
K2X-3384	RR2X	3.3					2	1	-	Р	G	BR	IB	М	MT	R	P188788	Rps1c	4	5	-	3	4	K2X-3384
K2X-3552	RR2X	3.5					2	2	2	Р	G	BR	IB	MB	М	R	P188788	Rps1c	5	5	5	3	3	K2X-3552
K2X-3662	RR2X	3.6					2	2	-	Р	G	BR	IB	М	MS	R	P188788	Rps1c	6	5	-	3	5	K2X-3662
K2X-3852	RR2X	3.8					2	3	2	Р	G	TN	IB	MB	MT	R	P188788	Rps1c	4	4	-	3	4	K2X-3852
K2X-4072	RR2X	4.0					1	2	1	Р	Т	BR	BL	MB	Т	R	P188788	Rps1c	4	6	-	-	-	K2X-4072

TRAIT ABBREVIATION

RR2XRoundup Ready 2 Xtend[®] Soybeans

PekingRace 1, 3, 5 SOYBEAN CYST NEMATODE

...Resistance 1, 3, 14 Specific Race of Soybean Cyst Nematode Susc....Susceptible

SOYBEAN CYST NEMATODE

RESISTANCE SOURCE

P188788 Race 3, 14

NUMERIC RATING SCALE (Excellent) 1.....9 (Poor)

- Current data not available

PLANT TYPEMedium Bushy MB. Μ.Medium

Management

PLANT HEIGHT ...Tall ...Medium Tall MT Μ. ...Medium ...Medium Short MS

PUBESCENCE COLOR ...Gray G ...Light Tawny LT

...Tawny

COLOR KEY

Highly Recommended

Recommended In Most Situations

Use With Appropriate Not Generally Recommended

HILUM COLORBlack BL ... IB GR.....Gray

....Imperfect Black

FLOWER COLOR P.....Purple W....White

Seg.....Segregating for specific gene Susc.Susceptible

POD COLOR **TN**.....Tan BR..Brown

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Data Not Available



PHYTOPHTHORA ROOT ROT (PRR) GENE

Rps1a.....Denotes resistance to races 1, 2, 10, 11, 13-18, 24, 26, 27, 31, 32, 36, 48, 50-52, 54, 55 **Rps1c**.....Denotes resistance to races 1-3, 6-11, 13, 15, 17, 21, 23, 24, 26, 28-30, 32, 34, 36, 41, 42, 44, 48, 50, 52, 54, 55 **Rps3a**......Denotes resistance to races 1-5, 8, 9, 11, 13, 14, 16, 18, 23, 25, 28, 29, 31-35, 40, 41, 43-45, 47-52, 54



this is alfalfa made to perform in Iowa fields.

For 2021, we're offering a conventional alfalfa option that works well for many farmers. We also offer two trait options – Roundup Ready® Alfalfa and HarvXtra® Alfalfa with Roundup Ready® Technology. Roundup Ready Alfalfa offers HIGH-QUALITY YIELD POTENTIAL over the life of the stand, with a high percentage of pure alfalfa hay and more CONVENIENT CROP MANAGEMENT. With the HarvXtra Alfalfa trait, you have the flexibility to choose between higher quality or a delayed harvest to maximize yield potential, along with a wider cutting window.



			Management	_		Diseas	e Resis	tance			Ins Resist		Nema Resist	
Kruger Seeds [™] Alfalfa Brands	Trait(s)	Fall Dormancy	Winterhardiness	Anthracnose	Aphanomyces Root Rot Race 1	Aphanomyces Root Rot Race 2	Bacterial Wilt	Fusarium Wilt	Phytophthora Root Rot	Verticillium Wilt	Spotted Alfalfa Aphid	Pea Aphid	Northern Root Knot Nematode	Stem Nematode
4R421HVX	HVXRR	4.0	2.1	HR	HR	S	HR	HR	HR	HR	R	R	-	R
			1.8	HR	HR	HR	HR	HR	HR	HR			-	HR
4R418	RR	4.3		HK	HK	HK	HK			HK	R	R	-	
4C401	CONV	4.0	1.3	HR	HR	S	HR	HR	HR	HR	R	R	R	HR
	® A 16-16:	16	RATINGS KEY	.:		LL DORM				NTERHAR				
HVXRRHarvXtı Roundu	ra® Alfalfa Wi Ip Ready® Teo		HRHigh Res RResistar		(D	ormant) 1-	9 (Non-D	ormant)	(E)	tremely	Winterhard	iy) 1-6 (No	on-winter	hardy)

..Resistance ..Moderate Resistance

...Low Resistance IR .Susceptible ..Current Data Not Available

4R421HVX BRAND

....Roundup Ready® Alfalfa

CONV......Conventional

• 16%-20% lower lignin

RR.

- Very good forage yield potential with excellent feed value regardless of cutting interval
- Excellent persistence to allow for healthier, longer-lasting stands

4R418 BRAND

- Highly resistant to Aphanomyces Root Rot Race 2
- Very fast recovery that adapts well to intense management and more frequent cuttings
- Winterhardiness 1.8

4C401 BRAND

• Extremely winterhardy • Excellent persistence and recovery rate

Fall Dormancy 4.0

Winterhardiness 1.3

*Three cuttings at 35-day intervals compared to four cuttings at 28-day intervals, with the three-cut system yielding 25% more over the life of the stand. Note: Data comes from FGI trials comparing HarvXtra® Alfalfa with Roundup Ready® technology 2017 FD4 commercial varieties to FD4 commercial checks. Trials were seeded in 2013 and harvested in 2014, 2015 and 2016 in Nampa, ID; Touchet, WA; Boone, IA; West Salem, WI; and Mt. Joy, PA. Yield increase is directly correlated to the ability to delay harvest.



alfalfa

COMPREHENSIVE SOLUTIONS TO HELP MAXIMIZE YOUR YIELD POTENTIAL

Behind every strong seed there's a strong portfolio of products helping you maximize your season. We work alongside you to put our next-level technologies and proven solutions to work on your acres.

Seed Traits Seed Treatments Bayer PLUS Rewards **Digital Ag Platform Crop Protection** Our SmartStax® RIB Complete® corn blend products offer two built-in SmartStay modes of action for corn rootworm, the billion-dollar bug. Plus, it's a RIB

Complete corn blend, which means refuge compliance for the corn-growing area is easier than ever.

- Broad-spectrum insect control to combat corn rootworm, corn earworm, European corn borer, black cutworm, southwestern corn borer and fall armyworm.
- Two sites of action to help the plant withstand glyphosate and glufosinate herbicide applications. This prevents weeds from robbing plants of the nutrients and water they need.

VTDoubleppn

Our VT Double PRO® RIB Complete® corn blend products deliver aboveground pest control in a simple, convenient refuge-in-a-bag solution.

- The first double-stacked corn trait with two ways to control above-ground insects.
- Helps plants withstand herbicides, preventing weeds from competing for crucial nutrients and water.
- Developed by the industry leader in trait technology and germplasm integration.
- Plant-and-go convenience with no separate refuge required in the corn-growing area.



Introduced in 2020, Trecepta® Technology is the first technology to target corn earworm with three modes of built-in action.

- Trecepta® Technology helps reduce yield loss by protecting your corn crop from a wide range of above-ground pests.
- Built on the proven VT Double PRO[®] Technology, Trecepta Technology gives you more complete control against corn borers (European and southwestern), fall armyworm, western bean cutworm, black cutworm and corn earworm.



Yield® Technology.



Our XtendFlex[®] soybeans¹ (expected soon) will feature our latest genetics and the addition of tolerance to glufosinate.*

- performance they've come to expect at harvest.

Learn more about XtendFlex soybeans at RoundupReadyXtend.com/XtendFlex.

For more information and to view more in-depth product comparisons,

visit traits.bayer.com/compare or ask your local Kruger Seeds™ Dealer or

Field Sales Representative.

KtendFlex® sovbeans are not currently available for commercial sale or commercial planting. Commercialization of XtendFlex® sovbeans is dependent on multiple factors, including successful conclusion of the regulatory process e information presented herein is provided for educational purposes only, and is not and shall not be construed as an offer to sell

No dicamba may be used in-crop with seed in the Roundup Ready^a Xtend Crop System unless and until approved by the U.S. EPA and the appropriate state agency for such use. As of July 20, 2020, no dicamba formul tions are currently registered by the U.S. EPA for in-crop use with seed in the Roundup Ready® Xtend Crop System in the 2021 season. Current stocks of dicamba herbicides previously appro in the Roundup Ready® Xtend Crop System may not be used for the 2021 growing season. Dicamba may harm crops that are not tolerant to dicamba. Contact the U.S. EPA and your state pesticide regulatory agency with NOTICE: DO NOT APPLY ANY HERBICIDE TO SEED IN THE ROUNDUP READY® XTEND CROP SYSTEM UNLESS IT HAS A PRODUCT LABEL SPECIFICALLY AUTHORIZING THAT USE. TO USE A HERBICIDE IN ANY MANNER INCONSISTENT WITH ITS LABELING IS A VIOLATION OF FEDERAL LAW. REFER TO THE BAYER TECHNOLOGY USE GUIDE FOR DETAILS AND RECOMME ON SEED IN THE ROUNDUP READY® XTEND CROP SYSTEM.

Xtend Your Flexibility. Xtend Your Weed Control.

• Built on Roundup Ready 2 Xtend[®] Technology, farmers can continue to count on the high-yielding

• Featuring tolerance to dicamba, glyphosate and glufosinate, farmers will have their choice of herbicides to support the way they manage their fields' unique weed challenges.





A LITTLE PEACE OF MIND?

We're on it.

Stressful conditions come with the territory. Lightening your load comes with ours. With one easy decision, the Acceleron® portfolio provides the powerful seed treatment technologies you need: fungicides, insecticides, nematicides and bio-enhancers.



Our powerful bio-enhancers protect against nutrient and moisture stress, while our chemical seed treatments defend against threats like nematodes, insects and diseases. Every product is the result of extensive research and development – thoroughly tested and designed to work together to maximize your coverage. Cross a lot off your list with one simple decision: the Acceleron portfolio.

Learn more about coverage on four fronts at AcceleronSAS.com.



INCREASE ROOT VOLUME 85.1% with enhanced

mycorrhizal colonization.

BioRise[®] Corn Offerings¹ are designed to increase functional root volume, as well as water and nutrient uptake through enhanced mycorrhizal colonization. Studies demonstrated that **BioRise**® 360 ST, which features LCO, increased mycorrhizal colonization by 85.1%.² The additional water and nutrient uptake this facilitates can result in higher yield potential – as demonstrated by a 2.3 Bu/A advantage³ in 100 trials over three years.

QuickRoots

HELP MAXIMIZE YOUR CORN YIELD POTENTIAL — especially in fields with limitations in moisture or nutrient availability.

The microbes in QuickRoots® Technology help increase availability and uptake of nitrogen, phosphate and potassium. The availability of additional N, P and K supports development of bigger roots, which helps increase uptake of moisture and nutrients to enable better plant growth and increased yield potential.

TagTeam[®] LCO XC

UP TO 2X MORE NODULES, plus more available phosphate, in an extraconcentrated formulation.

TagTeam[®] LCO XC Inoculant is a triple-action technology that combines *Bradyrhizobium japonicum* with exclusive LCO (lipo-chitooligosaccharides) technology, and the phosphate-solubilizing benefits of Penicillium bilaiae. In 2016, a growth chamber trial showed that combining LCO with rhizobia increases the rate of early soybean nodulation, resulting in 2X as many nodules compared to rhizobia alone. Plus, the LCO in TagTeam LCO XC Inoculant enhances mycorrhizal colonization, which increases functional root volume and helps the plant uptake more water and nutrients through the roots.

FLUENCY AGENT ADVANCED

Seed Lubricant

IMPROVE PLANTING PERFORMANCE with better flowability and singulation.

Fluency Agent Advanced is a seed lubricant that improves seed flow for more efficient planting and more uniform stands. It also reduces the amount of dust and active ingredient potentially released during planting, thus lowering the potential risk of exposure to foraging honey bees and other pollinators. Plus, it eases cleanup by reducing residue buildup in the seed hopper. Fluency Agent Advanced is an alternative to talc, graphite and talc-/graphite-blended seed lubricants, and can be

used in all makes and types of planters.

¹ Class of 2017, 2018, 2019, 2020 and 2021 base genetics with BioRise® 360 ST. https://www.mdpi.com/2073-4395/7/4/75. ults from 100 trials over 3 years comparing with and without BioRise® Corn Offering 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. Acceleron® is a registered trademark of Bayer Group. ©2020 Bayer Group. All Rights Reserved.



krugerseed

comprehensive solutions Bayer PLUS Rewards



Buy what you need. Watch your rewards grow.

More than just a rewards program, Bayer PLUS Rewards is a broad portfolio of high-performance products built to help you meet your toughest challenges - with more choice, flexibility and simplicity than ever. Simply choose the products that are right for your farm and earn rewards on eligible purchases along the way. We take care of the paperwork. With Bayer PLUS Rewards, you own the decision, the rewards and how you use them. That's the advantage of more control in your hands. That's the PLUS.



Have your Technology I.D. handy.

If you can't find your Technology I.D., don't worry. We'll help you look it up as you sign up.

Visit MyBayerPLUS.com.

To complete our quick and simple Bayer PLUS Rewards registration form. We'll ask you for a little bit of information and help you look up or create your Technology I.D.



More Choices

Choose from our broad portfolio of high-performance products.



More Access

We'll track your incentives. You redeem where and how you want.



More Money

Earn more money back with more flexibility.

Validate your account.

Simply click the link in your validation email or opt to receive a verification code on your phone, and you're done!

Cultivating a more profitable season. That's the PLUS.

See the incentives at MyBayerPLUS.com



HOW TO GET STARTED

STEP 1

STEP 2

STEP 3

comprehensive solutions Bayer PLUS Reward



The digital farming platform that gives you data-driven insights to maximize your return.

The Climate FieldView[™] platform is your data partner to support the decisions you make every day. Seamlessly collect and store critical field information. Use digital maps to better analyze seed performance. Compare data layers visually and generate reports so you can measure the impact of agronomic practices and build a plan for next year.

The Benefits of the Platform

GET YOUR DATA

Get all your data in one place

equipment types, makes and

models and connectivity to

multiple farm management

software systems. FieldView helps

you easily collect, store and view field data for more of the inputs you manage through the season.

with compatibility across many



Uncover valuable insights yearround with tools that help you analyze crop performance at the field level or by field zone, essentially making every field a potential test plot. OPTIMIZE YOUR

Optimize inputs to maximize yield and profitability on every acre with variablerate Seedling and fertility prescription tools.



Here are the features you get with the FieldView™ Plus Platform:



YIELD ANALYSIS

Analyze yield by seed type, soil, field or custom zone immediately after harvest so you can see what worked and what didn't. Easily share with your agronomic partners to start planning for the next season. Compare critical data layers such as soil maps, application rate and seed population to yield to make more informed decisions.



FIELD HEALTH IMAGERY

Find out what's happening beyond the end rows with consistent, high-quality imagery that can help identify issues early, prioritize scouting and take action to protect yield.



MANUAL SEED SCRIPTS

Use multiple map layers to easily create customized Seedling prescriptions to build the best plan for your fields.



MANUAL FERTILITY SCRIPTS

Build a customized fertility plan to get the most of your field variability with easy-to-use prescription tools for nitrogen, phosphorus, potassium and lime.



SIDE-BY-SIDE VISUALIZATION

Use side-by-side maps to compare critical data layers in your field, including yield, soil maps, application rate, population rate and more.

FieldView[™] Pro Solutions:

FIELDVIEW SEED SCRIPTS

Optimize yield and profitability with FieldView seed scripts that use your historical field data combined with proprietary field testing results to provide scripts on nearly any seed brand in the industry.

To learn more, ask your local Kruger Seeds[™] Dealer or Field Sales Representative, visit **Climate.com** or call support at **1.888.924.7475.**

Our services provide estimates or recommendations based on models. These do not guarantee results. Consult your agronomist, commodities broker and other service professionals before making financial, risk management and farming decisions. More information at http://climate.com/disclaimers. iPad® is a registered trademark of Apple Inc. All other trademarks and trade names are the property of their respective holders. FieldView[™] is a trademark of The Climate Corporation. © 2020 The Climate Corporation. All Rights Reserved.







Full portfolio of crop protection solutions

Maximize and protect your corn and soybean yields with our top crop protection options.

For more information, visit **CropScience.Bayer.us**

		PRODUCT	GROUP(S)	USE RATE
	CORVUS	Superior control of emerged weeds, powered by reactivation, delivers an early season win against weeds	22	3.3 to 5.6 fl oz/A
	HARNESS Xtra HARNESS Xtra5.6L	Premixed with atrazine for an expanded spectrum of control	5 🕞	Harness® Xtra Herbicide = 1.8 to 2.7 qts/A Harness Xtra 5.6L = 1.4 to 3 qts/A
CIDES	HARNESS	Excellent residual benefits of Harness® Technology with the added residual and postemergence activity of mesotrione	15 27	Pre = 55 to 95 fl oz/A Post = 40 to 75 fl oz/A
HERBICIDES	Capreno	The longest-lasting residual of any postemergence herbicide	2 27	3 fl oz/A
	Roundup	Offers enhanced consistency of control, weed to weed and field to field, even tough-to-control weeds	9	22 to 32 fl oz/A 22 to 44 fl oz/A
	WARRANT [®] Restricted Use Pesticide	Acetochlor-based pre-emergence and postemergence residual herbicide with microencapsulation technology	(15)	1.25 to 2 qt/A
FUNGICIDES	DELARO	Broader spectrum of disease control and best- in-class, dual mode of action residual	3 and 11	4 to 12 fl oz/A 8 to 11 fl oz/A

For more information on herbicide group numbers and site-of-action options, visit IWillTakeAction.com.

Please consult product labels for more information.

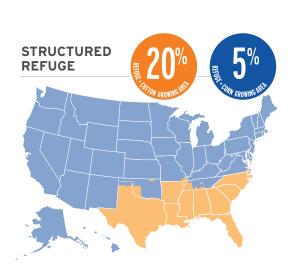
*Encompasses full portfolio of Roundup® brand agricultural herbicides (Roundup PowerMAX®, Roundup PowerMAX® II and Roundup WeatherMAX® herbicides). Postemergence application rates are indicated for corn and soybeans with Roundup Ready® Technology. Postemergence use may not be allowed, or use rates may vary, for other products.

notes



comprehensive solutions crop protection

protect your investment.



No dicamba may be used in-crop with seed in the Roundup Ready[®] Xtend Crop System unless and until approved by the U.S. EPA and the appropriate state agency for such use. As of July 20, 2020, no dicamba formulations are currently registered by the U.S. EPA for in-crop use with seed in the Roundup Ready[®] Xtend Crop System in the 2021 season. Current stocks of dicamba herbicides previously approved for in-crop use with seed in the Roundup Ready[®] Xtend Crop System may not be used for the 2021 growing season. Dicamba may harm crops that are not tolerant to dicamba. Contact the U.S. EPA and your state pesticide regulatory agency with any questions about the approval status of dicamba herbicides products for in-crop use with seed in the Roundup Ready[®] Xtend Crop System. NOTICE: DO NOT APPLY ANY HERBICIDE TO SEED IN THE ROUNDUP READY[®] XTEND CROP SYSTEM UNLESS IT HAS A PRODUCT LABEL SPECIFICALLY AUTHORIZING THAT USE. TO USE A HERBICIDE IN ANY MANNER INCONSISTENT WITH ITS LABELING IS A VIOLATION OF FEDERAL LAW. REFER TO THE BAYER TECHNOLOGY USE GUIDE FOR DETAILS AND RECOMMENDATIONS ON USING APPROVED ROUNDUP® [AND LIBERTY® BRANDED] HERBICIDES ON SEED IN THE ROUNDUP READY® XTEND CROP SYSTEM. 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

berived Plant Products in Commercialized products have been approved for import into key export markets with functioning regulatory systems. Any crop or material product cannot 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.

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

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 gluposinate 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 USES 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 gluphosate. Dicamba will kill crops that are not to

XtendiMax[®] herbicide with VaporGrip[®] Technology is part of the Roundup Ready[®] Xtend Crop System and is a restricted use pesticide. 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. XtendiMax[®] herbicide with VaporGrip[®] Technology and Roundup Ready 2 Xtend[®] soybeans and products with XtendFlex[®] Technology may not be approved in all states and may be subject to use restrictions in some states. Check with your local product dealer or representative or U.S. EPA and your state pesticide regulatory agency for the product registration status and additional restrictions in your state. For approved tank-mix products and nozzles visit XtendiMaxApplicationRequire

NOT ALL formulations of dicamba or glyphosate are approved for in-crop use with Roundup Ready 2 Xtend® soybeans. ONLY USE FORMULATIONS THAT ARE SPECIFICALLY LABELED FOR SUCH USES AND APPROVED FOR SUCH USE IN THE STATE OF APPLICATION. Contact the U.S. EPA and your state pesticide regulatory agency with any questions about the approval status of dicamba herbicide products for in-crop use with Roundup Ready 2 Xtend® soybeans or cotton with XtendFlex® Technology

Atrazine, Corvus and Harness Xtra are Restricted Use Pesticides. EACH ACCELERON® SEED APPLIED SOLUTIONS OFFERING is a combination of separate individually registered products. Always read and follow pesticide label directions. The distribution, sale, or use of an unregistered pesticide is a violation of federal and/or state law and is strictly prohibited. Not all products are registered in all states and may be subject to use restrictions. The distribution, sale, or use of an unregistered pesticide is a violation of federal and/or state law and is strictly prohibited. For additional product information, please call toll-free 1-866-99-BAYER (1-866-99-27937) or visit our website at www.CropScience.Bayer.us. Bayer CropScience LP, 800 North Lindbergh Boulevard, St. Louis, MO 63167. Please visit http://acceleron® B-360 ST for application to seeds in your state BioRise® Corn Offering is the on-seed application of either BioRise® 360 ST or the separately registered seed applied products Acceleron® B-300 SAT and BioRise® 360 ST.

Commercialization of XtendFlex® soybeans is dependent on multiple factors, including successful conclusion of the regulatory process. The information presented herein is provided for educational purposes only, and is not and shall not be construed as an offer to sell. Soybeans with XtendFlex® Technology contain 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 glucosinate and dealer or refer to the Monsanto Technology Use Guide for recommended weed control programs.

HarvXtra® is a registered trademark of Forage Genetics International 11C, Roundup Readv® is a registered trademark of Monsanto Technology 11C, used under license by Forage Genetics International 11C, HarvXtra® Alfalfa with Roundup Readv® Technology is subject to planting and use restrictions. Visit www.ForageGenetics. com/legal for the full legal, stewardship and trademark statements for these products.

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: 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. See the IRM/ Grower Guide for additional information. Always read

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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 field

The RRXtend Spray App provides forecasts for locations within the contiguous United States. Do not use this app for forecasts outside the contiguous United States. Forecasts are for planning purposes only and are not a substitute for checking actual weather conditions at your location at the time of application and comply with the product label and other legal require

Roundup Ready® Technology contains genes that confer tolerance to glyphosate. ALWAYS READ AND FOLLOW IRM, WHERE APPLICABLE, GRAIN MARKETING AND ALL OTHER STEWARDSHIP PRACTICES AND PESTICIDE LABEL DIRECTIONS. Roundup Ready Technology contains genes that confer tolerance to glyphosate. Rund's actor of tolerance to glyphosate and factor for tolerance to glyphosate and factor factor for tolerance to glyphosate and factor for tolerance to glyphosate and factor for tolerance to glyphosate and factor fact dicamba. Contact your seed brand dealer or refer to the Monsanto Technology Use Guide for recommended weed control programs.

Insect control technology provided by Vip3A is utilized under license from Syngenta Crop Protection AG. Climate FieldView¹⁰⁴ services provide estimates or recommendations based on models. These do not guarantee results. Consult your agronomist, comm broker and other service professionals before making financial, risk management and farming decisions. More information at http://www.climate.com/ disclaimers. FieldView[™] is a trademark of Tabe Orionation. Herculex[®] is a registered trademark of Dava Agrosciences LLC. Agrisure Viptera[®] is a registered trademark of a Syngenta group company. LibertyLink[®], and LibertyLink[®] and the Water Droplet Design[®] are trademarks of BASF Corporation. Respect the Refuge and Corn Design[®] and Respect the Refuge[®] are registered trademarks of BASF Corporation. Respect the Refuge and Corn Design[®] and Respect the Refuge[®] are registered trademarks of BASF Corporation. Respect the Refuge and Corn Design[®] and Respect the Refuge[®] are registered trademarks of BASF Corporation. Respect the Refuge[®], Roundup[®], Roun PLUS[®], Roundup PowerMAX[®], Roundup WeatherMAX[®], SmartStax[®], SR and Design[®], Trecepta[®] Corn Product, Trecepta[®] Technology, VaporGrip[®], VT Double PRO[®], Warrant[®], XtendFlex[®] and XtendiMax[®] are trademarks of Bayer Group. All other trademarks are the property of their respective owners. ©2020



Kruger Seeds[™] is proud to be affiliated with the America's Farmers programs, sponsored by Bayer Fund. Since 2010, the three programs have partnered with lowa farmers to strengthen their communities through over \$4.4M in donations and grants.

To learn more and participate, visit AmericasFarmers.com.



Corn traits help protect your fields and help increase yield opportunity. The best way for farmers to preserve the benefits and insect protection of Bacillus thuringiensis (Bt) technology is to incorporate integrated pest management (IPM) practices and to develop and implement insect resistance management (IRM). The IRM plan is used to decrease the likelihood of an insect developing the ability to survive pesticide application or the ingestion of transgenic crops containing the Bt trait. Every farmer of a Bayer Bt corn or cotton product must comply with licensing terms and must have an insect resistance management (IRM) plan. Ask your Dealer or Field Sales Representative if you have questions about IRM requirements. We're here to listen and help you make the right choices.

Compliance includes correctly meeting ALL of the refuge requirements. These can vary by product and area:

- **Size** (e.g., 5%, 20%)
- **Location** (e.g., in-field or adjacent)
- Planting (minimum of four contiguous rows wide)
- **Treatment** (when and what to spray)

For specific requirements for each Bt product, see the current IRM guide located on the seed bag tag.



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 Monsanto Technology/Stewardship Agreement that you sign. By opening and using a bag of seed, you are refiftming your obliga tion to comply with the most recent stewardship rec









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