E-Z OPEN
PULL TAPE

2024

SEED GUIDE

CORN • ENOGEN • SOYBEANS

STILL THE FASTEST GROWING SEED BRAND

NK Seeds is constantly working to ensure that you get top-performing seed on your acre. As the fastest growing seed brand* since 2019, we're constantly innovating to get you the products you want faster than ever. Backed by Syngenta's R&D engine, we're introducing our largest corn launch class in more than 10 years, featuring strong genetic resistance to Tar Spot. And we're bringing more of the soybean genetics you trust combined with powerful trait choices.

And we're just getting started...

* Fastest growing brand statement based on the percentage increase in combined corn and soy acres for the top 10 seed companies in the U.S. (by acres planted) within brands that grew every year from 2019-2022 (2022 corn acres are projected), according to third-party proprietary data.

CONTENTS

FIELD FORGED SERIES™

WE'RE TURNING IT UP A NOTCH

Every year we push limits and standards when choosing which products will make up the Field Forged Series™ — but now we've raised the stakes.

We hold every Field Forged hybrid and variety to the ***highest standard***, and we're not afraid to make the tough calls. If a product can no longer handle the pressure of disease or tough agronomic conditions, it's removed from the lineup. So you can trust that ***only our best***, ***most up-to-date***, ***highest-performing*** products achieve Field Forged status.

CORN HYBRIDS:

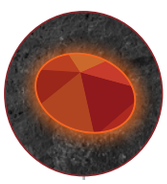
High Standards for Consistent Results.

- **Strong and consistent yield performance** in area of adaptation.
- **Stronger** roots and stalks.
- **Leading performance** against Tar Spot.
- **Silage enhancements** with NK® and Enogen® corn.

NK0007-AA
+2.6 BU/A ADVANTAGE OVER BREVANT® HYBRIDS[1]
Minnesota | N=141 | 2022

All available with cutting-edge trait technology.

Duracade Viptera | Duracade | Viptera



SOYBEAN VARIETIES:

Top-Performing Soybeans. Leading Trait Choice.

- **Consistently outstanding yield** performance potential.
- **Flexible trait options.**
- **Resistance to pests** like Soybean Cyst Nematode.
- **Superb** *Phytophthora* field resistance.

NK05-W3XF
+2.6 BU/A ADVANTAGE OVER ASGROW® VARIETIES[1]
North Dakota | N=68 | 2022

For flexible options for your acre, all Field Forged soybeans come with the choice of leading herbicide traits.

Enlist E3 SOYBEANS | XTENDFLEX SOYBEANS

Explore the potential of Field Forged products

[1] Yield advantages are composites based on the results of 2021-2022 Syngenta first-party, FIRST and other independent third-party trials, when available. Head-to-group comparisons are against products from cited competitor within a ±3 RM and ±3 points of moisture of the corresponding NK product for corn and within a ±0.5 RM of the corresponding NK product for soybeans. For more information regarding yield comparisons against an individual product, ask your NK representative.

GO DIGITAL
WITH CROPWISE

powered by Cropwise

Using a unique set of tools, the NK Cropwise™ seed placement tool helps resellers work with farmers to ***get the right product on the right acre.*** The simple user interface makes it easy to compare products, look at historic data and develop placement plans so that you can ***be confident in your seed selection decision.***

CROPWISE IMAGERY

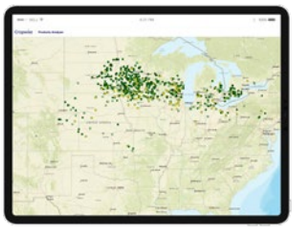
March 1 – September 1

- Access SAVI/NDVI **field health all season long** for ease of priority scouting across all acres.
- **Save time** when scouting with Cropwise Imagery in the mobile app.

PRODUCT ANALYZER

September 1 – December 31

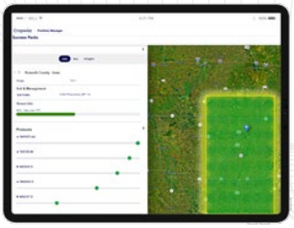
- Dive deep into **product performance data** for specific hybrids and varieties.
- See **pairwise comparisons, market breakouts, management breakouts, weather and soil breakouts,** and **regression charts.**



PORTFOLIO MANAGER

October 1 – March 1

- **Make informed seed portfolio selections** based on geographic location, soil conditions, precipitation and performance of products.



AgriEdge®

PARTNERING TO GIVE YOU *THE EDGE*

AgriEdge® is a dedicated agribusiness solution that empowers producers to drive productivity, help boost profitability and maintain their freedom to operate. Our technology platform helps you ***drive better yields*** and maximize potential returns on your investment. We combine proven, integrated tools and innovative product choices with trusted on-farm service to help you make confident, data-driven decisions.

Explore the AgriEdge Program

THE AGRI EDGE

AGRONOMICS
ECONOMICS
STEWARDSHIP
TECHNOLOGY
SERVICE

AgriClime™

GET PROTECTION *BEFORE WEATHER STRIKES*

We can't control the weather, but the weather doesn't have to control your investment. With the AgriClime™ program, Syngenta offers risk protection from adverse weather conditions to protect your seed investment.

Getting protection is simpler than ever:

- Work with your local Syngenta sales representative to simply enter your farm coordinates and qualifying Syngenta products.
- Receive a personalized risk protection offer based on 20 years of local NOAA weather history.
- Upload your proofs of purchase, and your enrollment is finalized.
- Weather results along with any cash back on your offer are automated at the end of the season.

Learn more at AgriClime.us

Our Largest Corn Launch Class in 10+ Years Is Here

Our new corn class is ***bigger and stronger*** than ever before. We've continued to make critical investments in our R&D engine, and we fast-tracked our commercialization process to ensure that you get the most up-to-date leading genetics on your field faster than ever.

And we aren't just introducing new products. We also have leading corn hybrids that have earned their spot in our lineup through their top yield performance and consistent strength in the face of disease and harsh agronomic conditions.

CORN HYBRIDS

SPEED, PRECISION AND POWER

At Syngenta, we are relentlessly focused on getting new seeds and traits to farmers faster than ever. That's why ***we reinvest 9% of every $1 in profit*** — more than $1.4 billion — into further investments in R&D globally. And our investments are yielding results. Today, we're using ***enhanced testing to bring stronger corn genetics and cutting-edge herbicide traits*** to the farm faster than ever.

Behind every corn hybrid, you can trust that there is an ever-growing team of breeders focused on bringing you the strongest seed yet.

SPEED **PRECISION** **POWER**

NK SEEDS HAS TRANSFORMED ITS CORN PIPELINE WITH:

- **2x more breeding populations** sampled with germplasm expansion.
- **2 years faster** product development time.
- **40% increase** in precommercial hybrids with higher advancement standards.
- **4x improvement** with faster and higher success of trait introgression.
- **Expanded expertise** with new discovery breeding group and upscale simulation platforms.

INNOVATION ECOSYSTEM

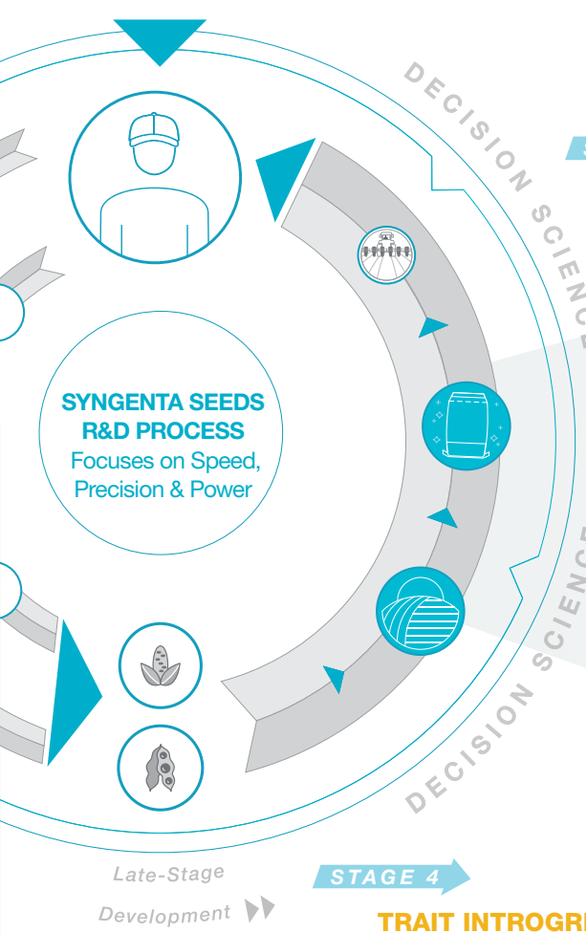
When it comes to innovation, we take a different approach. Rather than focusing all of our resources and talent in one specific geographic location, we have created an innovative ecosystem with facilities located strategically across North America. This is where we create, develop and test products for farmers in those specific areas.

GETTING STRONGER HYBRIDS
ON THE RIGHT ACRE, FASTER

Our pre-commercial evaluation platform brings two years of testing, technology and product development together so that when we launch a product, farmers know ***where and how to place it to maximize investment.***

HOW WE ACTIVATE EVALUATION

- **Leverage environmental data** to make sure our testing footprint reflects the conditions farmers will actually experience.
- **Track precise regional conditions** across the Corn Belt to deliver accurate, predictive planting recommendations.
- **Evaluate traited products** across a broad range of criteria to ensure that only the highest-performing hybrids go to market.
- **Document** characteristics, weather, soil type, productivity level and predictive yield to help farmers make data-driven decisions.



STAGE 7

COMMERCIALIZATION

STEPP TRIALS™

Strategic Testing for Effective Product Placement

STAGE 6

PRODUCT PLACEMENT SCIENCE

Two years of testing of traited version ensures stable performance.

Data science is used to predict hybrid performance across many environments.

Population and management response trials refine placement recommendations.

STAGE 5

PRODUCT CHARACTERIZATION

Advanced crop models are used to optimize testing footprint.

Precision planters drive plot quality.

Automated data collection tools accelerate product characterization.

STAGE 4

TRAIT INTROGRESSION

Learn more about STEPP Trials

CORN TRAITS THAT OUTPERFORM
YEAR AFTER YEAR

NK corn is built with ***cutting-edge corn trait technology*** to help every hybrid reach its fullest potential. Our comprehensive and ***flexible portfolio*** is backed by nearly four decades of research and innovation, and it continues to ***prove its place on your acre***.

CONTROL MORE PESTS
ABOVE AND BELOW GROUND

The industry's most comprehensive solution for insect control, simplicity and choice.

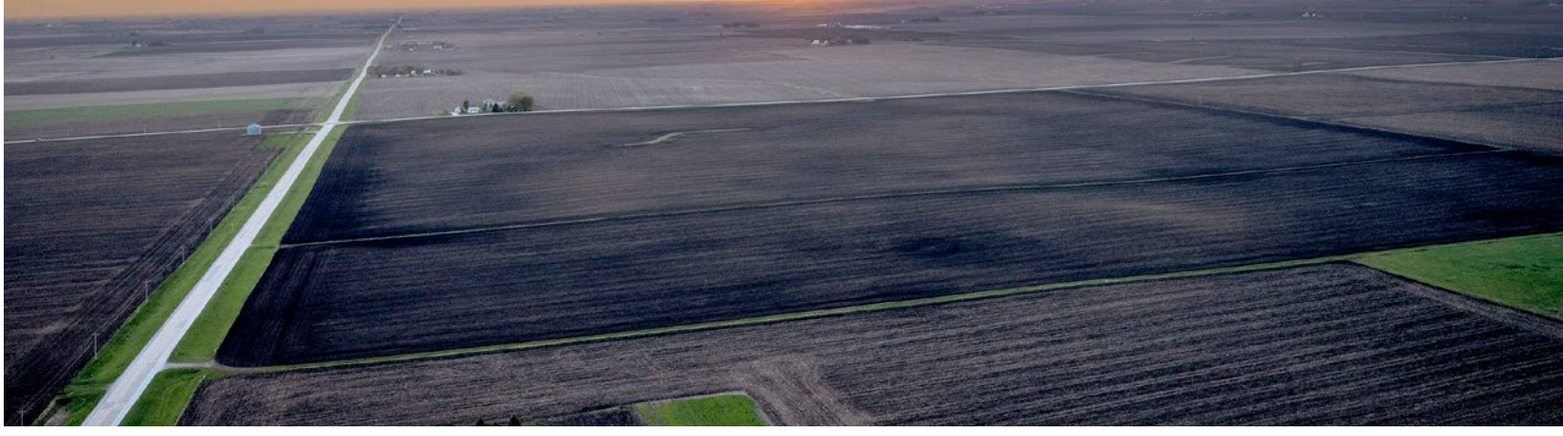
Duracade Viptera™

- **Outsmart More Insects:** Control 16 above- and below-ground pests, including earworms, cutworms, armyworms, borers and rootworms.
- **Outlast Adaptation:** Alternative modes of action preserve trait durability and delay insect adaptation for long-term field health.
- **Outperform:** 4.1 Bu/A average advantage over products without the DuracadeViptera™ trait stack.[1]

Additional trait stacks with above- and below-ground insect control:

Duracade® Agrisure® Total

Learn More about Above- and Below-Ground Protection



THE INDUSTRY'S MOST EFFECTIVE
ABOVE-GROUND INSECT CONTROL

See cleaner ears, improved grain quality and higher yield potential with Viptera® trait technology. Control ear-, stalk- and leaf-feeding insects, so every seed has the chance to thrive.

Viptera®

- **More Protection:** The only trait technology on the market for effective Western Bean Cutworm control.
- **Improved Quality:** Ear-feeding insects lower grain quality, reduce yield and create kernel entry points for molds that produce mycotoxins like aflatoxin, vomitoxin and fumonisins.
- **Higher Yield Potential:** Viptera provides above-ground protection for a 7.3 Bu/A advantage.[2]

Additional trait stack with above-ground insect control:

Agrisure Above

Learn More about Above-Ground Insect Control

MAXIMIZE YIELD WHEN IT RAINS
AND INCREASE YIELD WHEN IT DOESN'T

When you choose an Artesian® corn hybrid, you're not just choosing a trait or technology. You're selecting an elite hybrid built for top-end yield potential and season-long water optimization.

Artesian®

- **Manage Gaps in Rainfall:** Multiple genes for season-long drought protection backed by top-end yield potential in productive conditions.
- **Enhanced Yield Stability:** Outyields other hybrids by nearly 12% during severe and extreme drought conditions.[3]
- **Improved Water Optimization:** Built with scientifically selected genes that enable the plant to convert water to grain more effectively than other hybrids.

Learn More about the Science of Artesian

[1] Data is based on 390 internal Syngenta and external field trials across the Corn Belt, 2018.
[2] Data is based on 71 internal Syngenta-regulated trials, 2008-2010.
[3] Data is based on 7,613 Syngenta on-farm strip trials across the Corn Belt, 2010-2014. Syngenta defines a yield environment of 50-99 Bu/A as severe and fewer than 50 Bu/A as extreme.

CORN TRAIT BREAKDOWN

	TRAIT STACK	INSECT TRAIT EVENTS			HERBICIDE TOLERANCE	
		BROAD LEPIDOPTERAN	CORN BORER	CORN ROOTWORM	GLYPHOSATE	GLUFOSINATE
ABOVE- AND BELOW-GROUND TRAIT STACKS	DuracadeViptera™	MIR162 TC1507	Bt11 TC1507	MIR604 5307	X	X
	Duracade®	TC1507	Bt11 TC1507	MIR604 5307	X	X
	Agrisure® Total	TC1507	Bt11 TC1507	MIR604 DAS59122-7	X	X
	Agrisure Viptera® 3111	MIR162	Bt11	MIR604	X	X
ABOVE-GROUND TRAIT STACKS	Viptera®	MIR162 TC1507	Bt11 TC1507		X	X
	Agrisure® Above	TC1507	Bt11 TC1507		X	X
	Agrisure Viptera® 3110	MIR162	Bt11		X	X
NO INSECT PROTECTION	Agrisure Artesian® GTA/LL				X	X
	Agrisure® GT				X	

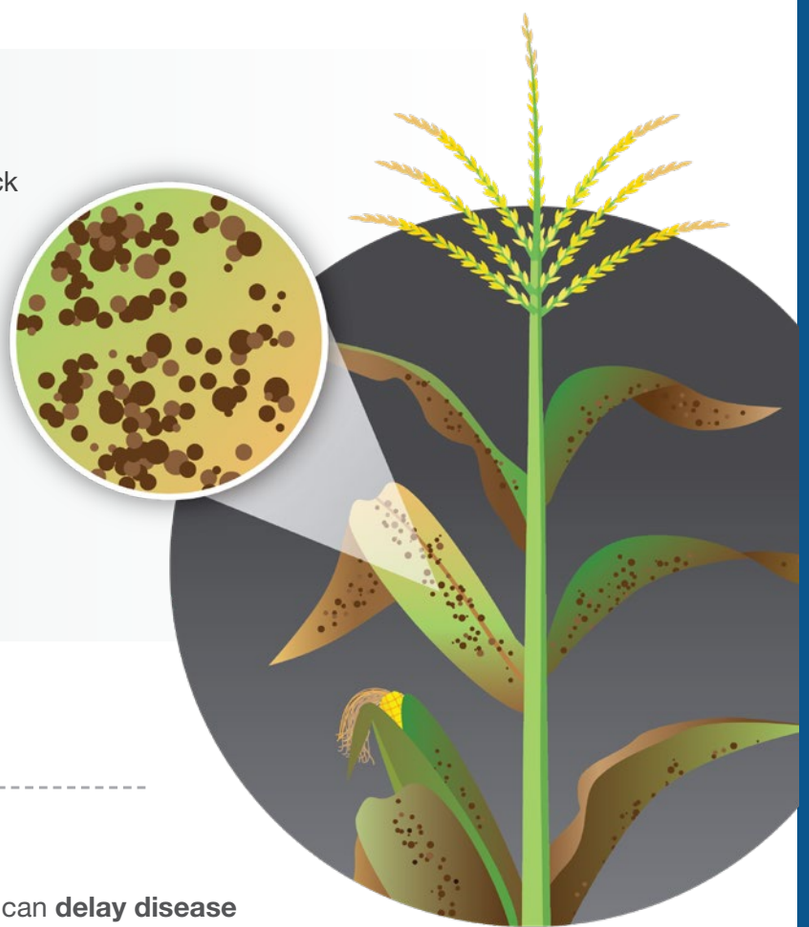
TAKE CONTROL OF TAR SPOT

A relatively new fungal disease in the Midwestern U.S., Tar Spot infects corn leaves and affects the plant's ability to take in sunlight. The disease ***can cut yields by 20 to 60 bushels per acre***.

SPOT THE PROBLEM

Tar Spot can be identified by its small, raised black circular spots on corn leaves that resemble tar and do not rub off. The disease infects and damages the upper and lower leaf surfaces of the plant.

When infection is severe, it can appear on husks and leaf sheaths as well. It spreads quickly and can infest, form spores and reinfect in approximately 21 days.



SOLVE THE PROBLEM

Selecting the right NK hybrid

- Hybrids with more tolerance can **delay disease development,** helping minimize yield loss in early grain fill stages. Consult with your NK agronomist to choose the right NK hybrid for fields with a history of Tar Spot.

Applying fungicides when needed

- **Early fungicide applications**, at or before the first signs of development, have been effective against Tar Spot in trials.

Rotating crops and incorporating tillage

- Rotating to crops and using tillage to bury residue can help **reduce fungus inoculum levels**.

Learn more about how to manage Tar Spot in your fields.

RM 80-103 CORN CHARACTERISTICS

BRAND		TRAIT OFFERS[1]					MATURITY INFORMATION		
		Above- and Below-Ground Insect Protection with E-Z Refuge	Above-Ground Insect Protection with E-Z Refuge	Above- and Below-Ground Insect Protection	Above-Ground Insect Protection	No Insect Protection	Relative Maturity	GDUs to Silk	GDUs to Black Layer
	NK Hybrid Series	Duracade Viptera / Duracade / Agrisure Total	Viptera / Agrisure Above	Agrisure Viptera 3111	Agrisure Viptera 3110	Agrisure Artesian GTA/LL / Agrisure GT			
	NK8005		V			GTA/LL	80	1150	1810
NEW	NK8232		AA				82	1160	2050
	NK8519		V				85	1220	2140
NEW	NK8558		AA				85	1200	2140
	NK8618		AA				86	1200	2140
	NK8760		V-LL				87	1210	2140
NEW	NK9021	D					90	1220	2300
NEW	NK9044		AA				90	1220	2290
	NK9175	DV					91	1240	2300
	NK9231		AA				92	1240	2300
	NK9347	D					93	1240	2325
	NK9535		V				95	1280	2400
NEW	NK9771	DV					97	1290	2410
NEW	NK9832		AA				98	1290	2420
	NK9991	D					99	1300	2445
	NK0007		AA				100	1295	2440
	NK0243	D	AA				102	1305	2475
NEW	NK0295		AA				102	1310	2445
	NK0314	D					103	1315	2475
	NK0330	D					103	1355	2475
NEW	NK0367		AA				103	1310	2465

TRAITS

Above- and Below-Ground Insect Protection with E-Z Refuge
DV = DuracadeViptera™
D = Duracade®
AT = Agrisure® Total

Above-Ground Insect Protection with E-Z Refuge
V = Viptera®
AA = Agrisure® Above
V-LL = Viptera® LL

Above- and Below-Ground Insect Protection
3111 = Agrisure Viptera® 3111

Above-Ground Insect Protection
3110 = Agrisure Viptera® 3110

No Insect Protection
GTA/LL = Agrisure Artesian® GTA/LL
GT = Agrisure® GT

[1] **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.**

[2] Disease and insect ratings are not absolute; environmental conditions and certain cultural practices, such as continuous corn, play a critical role in disease development and insect infestation, which can predispose plants to secondary diseases such as stalk and ear rots. If conditions are severe, even hybrids rated as resistant can be adversely affected. Farmers should balance yield potential, hybrid maturity and cultural practices against the anticipated risk of disease or insect pressure. Ratings are based on interpretation of statistically analyzed results of studies conducted by Syngenta.

[3] Flex hybrids adjust to growing conditions by changing ear length or kernel depth. Determinate hybrids are less able to adjust ear size. Plant population is considered more important for a determinate-ear hybrid than for a flex-ear hybrid.

AGRONOMIC CHARACTERISTICS										PLANT CHARACTERISTICS							DISEASE TOLERANCE[2]										BRAND
Emergence	Seedling Vigor	Root Strength	Stalk Strength	Drought	Green Snap	Staygreen	Drydown	Test Weight	Blunt Ear	Plant Height	Ear Height	Root Type	Leaf Type	Ear Flex[3]	Husk Cover	Cob Color	Gray Leaf Spot	Northern Corn Leaf Blight	Goss's Wilt	Bacterial Leaf Streak	Southern Corn Leaf Blight	Eyespot	Anthracnose Stalk Rot	Tar Spot	Fusarium Crown Rot	Common Rust	Southern Rust	NK Hybrid Series
3	3	3	3	1	3	1	4	2	-	5	4	M	U	SF	M	R	-	5	4	-	-	3	6	2	7	-	-	NK8005
2	2	3	3	2	5	3	3	3	-	5	5	M	SU	SD	M	R	4	4	4	4	-	-	4	-	4	-	-	NK8232 NEW
3	2	4	3	2	3	3	3	3	-	3	4	P	SU	SF	M	R	-	3	4	-	-	4	5	3	6	-	-	NK8519
3	3	3	4	3	5	4	2	4	-	3	4	M	SU	SD	M	R	4	4	4	3	-	-	3	-	5	-	-	NK8558 NEW
3	3	3	2	1	4	3	4	2	1	3	5	M	SU	SF	M	R	-	3	4	-	-	3	2	4	2	-	-	NK8618
2	2	3	4	2	2	4	4	3	-	4	4	M	SU	SF	M	R	-	3	4	2	-	-	4	2	4	-	-	NK8760
2	2	3	4	3	3	5	3	4	2	3	4	M	SU	SF	M	R	4	3	4	5	-	-	4	5	5	-	-	NK9021 NEW
2	2	4	3	3	4	3	2	3	-	4	4	M	SU	SD	M	R	5	5	4	4	-	-	2	5	3	-	-	NK9044 NEW
2	2	5	4	1	3	4	3	3	6	3	4	M	U	SD	M	R	-	3	4	-	-	3	4	5	5	-	-	NK9175
2	3	5	3	2	3	2	3	3	3	2	3	M	SU	SF	M	R	3	4	6	3	-	-	4	4	5	-	-	NK9231
3	3	3	2	3	2	4	3	5	1	4	5	M	P	SF	S	R	3	4	4	3	-	-	2	4	3	-	-	NK9347
3	3	3	2	2	5	2	3	2	1	3	4	F	SU	F	M	R	4	5	3	4	-	2	3	4	3	4	-	NK9535
3	2	3	3	2	3	3	3	2	3	3	3	M	U	SF	M	R	3	3	3	5	-	-	3	4	3	-	-	NK9771 NEW
2	2	3	4	1	3	4	3	3	3	4	4	M	SU	SF	M	R	4	3	5	5	-	-	5	3	5	-	-	NK9832 NEW
3	2	2	3	3	4	2	3	3	3	3	3	M	SU	SF	M	R	2	2	5	5	-	3	3	4	4	-	-	NK9991
2	2	2	3	1	2	2	3	3	6	5	5	M	P	SD	M	R	3	3	6	4	-	-	3	4	3	-	-	NK0007
3	3	3	2	2	2	1	3	5	-	5	5	M	U	F	M	R	3	4	3	5	-	3	-	4	2	-	-	NK0243
3	2	3	3	3	4	2	4	3	3	4	4	M	U	SF	M	Pi	4	3	4	4	-	-	4	3	3	-	-	NK0295 NEW
3	3	3	4	4	2	3	5	2	-	4	3	M	SU	SF	M	R	5	3	4	4	4	-	6	4	3	-	-	NK0314
4	4	4	4	3	4	5	3	4	5	3	3	M	SU	SF	M	R	4	3	4	5	3	3	4	3	4	3	4	NK0330
3	3	3	3	2	2	3	2	3	5	4	5	M	U	SF	M	Pi	3	4	3	5	-	-	5	3	4	-	-	NK0367 NEW

= Field Forged Series

AGRONOMIC CHARACTERISTICS
1 = Best
9 = Worst
- = Not Available

TEST WEIGHT
1 = High
9 = Low

PLANT HEIGHT
1 = Tall
9 = Short

EAR HEIGHT
1 = High
9 = Low

ROOT TYPE
P = Penetrating
M = Modified
F = Fibrous

LEAF TYPE
U = Upright
SU = Semi-Upright
P = Pendulum

EAR FLEX
F = Flex
SF = Semi-Flex
SD = Semi-Determinate
D = Determinate

HUSK COVER
S = Short
M = Medium
L = Long

COB COLOR
DR = Dark Red
R = Red
Pi = Pink
W = White

DISEASE TOLERANCE
1 = High
9 = Low
- = Not Available

DROUGHT
Artesian® water-optimized hybrid

RM 104-113 CORN CHARACTERISTICS

BRAND	TRAIT OFFERS[1]					MATURITY INFORMATION		
	Above- and Below-Ground Insect Protection with E-Z Refuge	Above-Ground Insect Protection with E-Z Refuge	Above- and Below-Ground Insect Protection	Above-Ground Insect Protection	No Insect Protection	Relative Maturity	GDUs to Silk	GDUs to Black Layer
NK Hybrid Series	Duracade Viptera / Duracade / Agrisure Total	Viptera / Agrisure Above	Agrisure Viptera 3111	Agrisure Viptera 3110	Agrisure Artesian GTA/LL / Agrisure GT			
NK0440	AT					104	1385	2570
NK0472	DV					104	1335	2445
NK0696	D					106	1360	2550
NK0748	D					107	1370	2550
NK0760					GT	107	1375	2570
NEW NK0798	DV					107	1380	2550
NK0821	D					108	1405	2560
NEW NK0835		AA				108	1425	2640
NK0877		V				108	1370	2580
NEW NK0922		V				109	1380	2590
NK0962	DV					109	1420	2570
NEW NK1040		AA				110	1420	2660
NK1082	DV	V				110	1395	2620
NK1188	D	AA				111	1430	2600
NK1239	D					112	1430	2630
NEW NK1333		AA				113	1460	2620
NK1349		V				113	1420	2630
NK1354	DV					113	1435	2650
NK1364			3111			113	1415	2630

TRAITS

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4	3	5	3	3	3	4	3	5	-	2	2	M	SU	SF	M	Pi	4	4	3	4	4	2	2	4	4	-	-	NK0440	
2	2	2	2	4	2	3	4	2	-	3	4	M	U	SD	M	R	4	5	3	3	5	3	-	3	2	-	3	NK0472	
2	2	2	3	3	5	3	3	4	-	5	4	M	SU	SD	M	R	3	3	4	3	-	-	6	5	5	-	2	NK0696	
3	3	3	3	2	4	3	4	4	-	3	4	M	SU	SF	L	Pi	3	3	5	3	5	-	3	5	5	-	3	NK0748	
3	3	3	2	2	3	4	3	4	-	5	5	M	SU	SF	M	Pi	3	2	4	5	5	3	-	3	3	5	6	NK0760	
3	3	3	3	3	1	7	4	5	-	4	4	M	SU	SD	L	R	4	3	4	4	-	-	4	4	5	-	-	NK0798	NEW
2	3	3	3	1	2	5	4	4	-	4	5	M	SU	SF	M	Pi	4	2	3	3	6	4	-	4	4	4	5	NK0821	
4	3	3	3	4	3	5	2	4	-	3	3	M	SU	SF	L	DR	3	3	5	6	-	-	4	4	6	-	-	NK0835	NEW
3	3	2	2	2	4	4	4	4	-	5	5	M	U	SF	M	R	5	3	4	4	5	-	4	4	5	-	2	NK0877	
3	3	4	4	2	3	5	2	4	-	4	4	P	SU	SF	M	R	2	5	5	4	-	-	5	5	6	-	-	NK0922	NEW
3	3	4	4	1	3	5	4	4	-	5	3	M	SU	SF	M	R	5	2	4	4	4	3	-	4	5	-	5	NK0962	
5	4	2	3	4	4	4	2	4	-	4	4	F	SU	SF	M	R	3	4	6	3	-	-	4	3	5	-	3	NK1040	NEW
2	3	5	4	1	4	5	2	4	-	5	6	M	SU	SF	M	R	4	6	3	3	4	3	-	4	5	7	4	NK1082	
3	3	3	4	2	3	4	3	2	-	4	6	F	U	SF	L	Pi	4	3	6	4	6	-	3	3	3	7	4	NK1188	
3	2	3	2	4	5	2	4	3	-	2	4	M	U	SF	M	R	3	3	3	4	6	-	3	2	3	7	4	NK1239	
5	5	2	2	4	4	3	3	4	-	3	3	M	SU	SF	M	R	4	3	5	3	-	-	4	3	6	-	3	NK1333	NEW
4	4	3	2	3	2	2	4	2	-	3	3	M	SU	SF	M	Pi	3	3	3	2	3	-	5	3	4	-	3	NK1349	
2	2	2	4	3	3	3	2	4	-	4	4	M	SU	SD	M	R	4	3	3	3	4	4	-	5	4	7	5	NK1354	
3	4	5	4	3	4	5	3	6	-	4	5	F	SU	F	M	W	6	4	4	5	2	6	4	-	4	3	6	NK1364	

= Field Forged Series

AGRONOMIC CHARACTERISTICS
1 = Best
9 = Worst
- = Not Available

TEST WEIGHT
1 = High
9 = Low

PLANT HEIGHT
1 = Tall
9 = Short

EAR HEIGHT
1 = High
9 = Low

ROOT TYPE
P = Penetrating
M = Modified
F = Fibrous

LEAF TYPE
U = Upright
SU = Semi-Upright
P = Pendulum

EAR FLEX
F = Flex
SF = Semi-Flex
SD = Semi-Determinate
D = Determinate

HUSK COVER
S = Short
M = Medium
L = Long

COB COLOR
DR = Dark Red
R = Red
Pi = Pink
W = White

DISEASE TOLERANCE
1 = High
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- = Not Available

DROUGHT
Artesian® water-optimized hybrid

RM 114-118 CORN CHARACTERISTICS

BRAND		TRAIT OFFERS[1]					MATURITY INFORMATION		
		Above- and Below-Ground Insect Protection with E-Z Refuge	Above-Ground Insect Protection with E-Z Refuge	Above- and Below-Ground Insect Protection	Above-Ground Insect Protection	No Insect Protection	Relative Maturity	GDUs to Silk	GDUs to Black Layer
	NK Hybrid Series	Duracade Viptera / Duracade / Agrisure Total	Viptera / Agrisure Above	Agrisure Viptera 3111	Agrisure Viptera 3110	Agrisure Artesian GTA/LL / Agrisure GT			
NEW	NK1402	DV					114	1435	2650
	NK1452	AT	AA				114	1435	2630
	NK1460	DV					114	1425	2660
NEW	NK1480	DV					114	1430	2640
	NK1523		V				115	1455	2665
	NK1573	DV					115	1455	2645
	NK1661	DV	AA				116	1440	2700
	NK1677				3110		116	1465	2650
	NK1694			3111		GT	116	1465	2690
	NK1701		V				117	1400	2700
	NK1748				3110		117	1465	2690
	NK1755	DV					117	1480	2675
	NK1808			3111			118	1480	2700
	NK1838				3110		118	1480	2750

TRAITS

Above- and Below-Ground Insect Protection with E-Z Refuge
DV = DuracadeViptera™
D = Duracade®
AT = Agrisure® Total

Above-Ground Insect Protection with E-Z Refuge
V = Viptera®
AA = Agrisure® Above
V-LL = Viptera® LL

Above- and Below-Ground Insect Protection
3111 = Agrisure Viptera® 3111

Above-Ground Insect Protection
3110 = Agrisure Viptera® 3110

No Insect Protection
GTA/LL = Agrisure Artesian® GTA/LL
GT = Agrisure® GT

[1] **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.**

[2] Disease and insect ratings are not absolute; environmental conditions and certain cultural practices, such as continuous corn, play a critical role in disease development and insect infestation, which can predispose plants to secondary diseases such as stalk and ear rots. If conditions are severe, even hybrids rated as resistant can be adversely affected. Farmers should balance yield potential, hybrid maturity and cultural practices against the anticipated risk of disease or insect pressure. Ratings are based on interpretation of statistically analyzed results of studies conducted by Syngenta.

[3] Flex hybrids adjust to growing conditions by changing ear length or kernel depth. Determinate hybrids are less able to adjust ear size. Plant population is considered more important for a determinate-ear hybrid than for a flex-ear hybrid.

AGRONOMIC CHARACTERISTICS										PLANT CHARACTERISTICS							DISEASE TOLERANCE[2]										BRAND	
Emergence	Seedling Vigor	Root Strength	Stalk Strength	Drought	Green Snap	Staygreen	Drydown	Test Weight	Blunt Ear	Plant Height	Ear Height	Root Type	Leaf Type	Ear Flex[3]	Husk Cover	Cob Color	Gray Leaf Spot	Northern Corn Leaf Blight	Goss's Wilt	Bacterial Leaf Streak	Southern Corn Leaf Blight	Eyespot	Anthracnose Stalk Rot	Tar Spot	Fusarium Crown Rot	Common Rust	Southern Rust	NK Hybrid Series	
4	3	2	2	2	2	3	3	4	-	2	3	M	SU	SF	L	R	3	3	3	3	-	-	6	3	5	-	-	**NK1402**	NEW
3	3	2	3	3	3	4	3	3	-	3	2	M	U	SD	M	R	5	4	4	4	4	3	4	4	3	3	4	**NK1452**	
3	3	2	4	3	2	3	3	5	-	3	2	M	U	SF	M	Pi	4	5	4	5	4	3	-	5	4	7	5	**NK1460**	
3	3	3	4	3	3	4	3	3	-	2	2	P	SU	SF	L	R	3	4	4	3	-	-	5	3	6	-	-	**NK1480**	NEW
4	4	2	3	2	3	4	4	3	-	3	5	M	U	SF	L	W	4	2	4	3	3	-	2	2	4	7	4	**NK1523**	
2	3	3	4	4	3	2	4	3	-	4	5	M	SU	SF	L	R	3	4	4	3	3	3	-	6	6	7	5	**NK1573**	
3	3	2	2	1	3	3	4	3	-	3	3	M	SU	SF	L	R	3	3	3	4	3	-	4	3	3	-	3	**NK1661**	
3	4	3	2	5	3	3	3	2	-	2	3	F	SU	SF	L	R	3	4	2	3	4	-	-	-	2	4	3	**NK1677**	
4	3	5	3	2	3	3	2	4	-	4	4	M	P	F	M	Pi	5	4	3	3	3	5	3	4	4	6	5	**NK1694**	
3	2	3	3	3	3	3	2	5	-	4	3	M	SU	SF	L	DR	3	3	3	4	3	-	4	3	4	-	3	**NK1701**	
3	2	2	3	3	2	2	3	2	-	4	3	M	SU	SF	L	R	3	4	3	-	-	-	-	-	2	6	4	**NK1748**	
3	3	4	4	3	5	4	4	4	-	3	5	M	SU	SF	L	Pi	3	4	3	3	2	-	3	3	5	-	4	**NK1755**	
4	4	4	3	3	3	2	3	2	-	2	3	M	SU	SF	L	R	3	3	4	3	3	5	-	2	4	3	3	**NK1808**	
3	4	3	3	3	6	2	4	4	-	2	4	M	SU	F	L	Pi	4	5	3	3	-	-	-	-	5	-	3	**NK1838**	

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LEAF TYPE
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DR = Dark Red
R = Red
Pi = Pink
W = White

DISEASE TOLERANCE
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9 = Low
- = Not Available

DROUGHT
Artesian® water-optimized hybrid

NK CORN HYBRID DESCRIPTION KEY

Hybrid Series: All hybrids within this series were developed from the same base genetics.

NK indicates NK corn.

Indicates the last two digits of **relative maturity.**

Randomly designated digits.

Trait versions available in this hybrid series.

Indicates product is part of the **Field Forged Series.**

Indicates **new series for 2024.**

Relative maturity of this hybrid series.

NK9771

• NEW **NK9771-DV Brand**

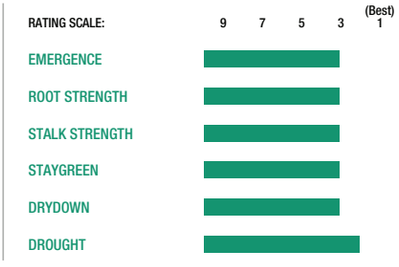
FIELD FORGED SERIES

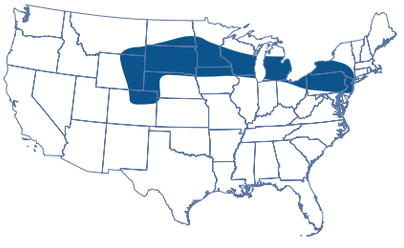
NEW

RM **97**

Tremendous adaptation across soil types leads to excellent yield potential

- Proven disease package
- Great choice for variable and drought-prone soils
- Very good emergence and excellent vigor allow for early planting





Duracade Viptera

Insect protection, herbicide tolerance and other **traits.**

Primary (dark blue) and, where applicable, secondary (light blue) **areas of adaptation** for this hybrid series. Areas are suggested; performance may vary.

NK8005

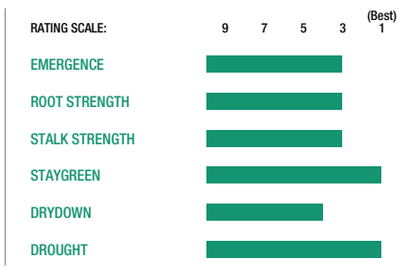
- NK8005-V Brand
- NK8005-GTA/LL Brand

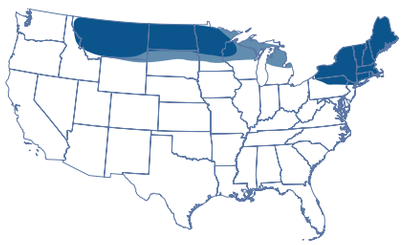
FIELD FORGED SERIES

RM 80

Superior yield potential combined with Artesian technology

- Maximizes yield when it rains; increases yield potential when it doesn't
- Broad adaptability that allows for wide placement across the Northern Corn Belt
- Heavy test weight





Viptera | Artesian

NK8232

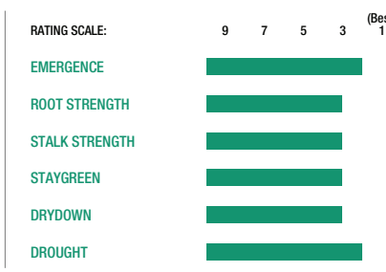
- NEW NK8232-AA Brand

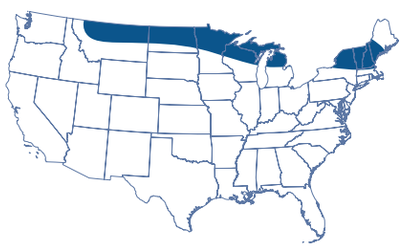
NEW

RM 82

Exceptional versatility on a wide range of soil types

- Dependable roots and proven late-season stalks
- Very strong choice for variable and drought-prone soils
- Great emergence and superb vigor help to set the stage for later in the season





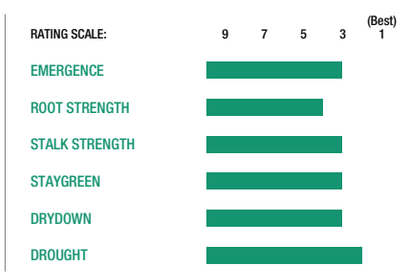
NK8519

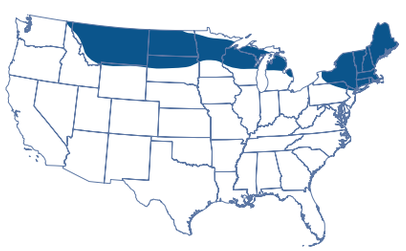
- NK8519-V Brand

RM 85

Consistent performance across environments

- Strong stalks for season-long standability
- Outstanding drought tolerance for consistent yield potential
- Dependable emergence with excellent seedling vigor





Viptera

NK8558

- NEW NK8558-AA Brand

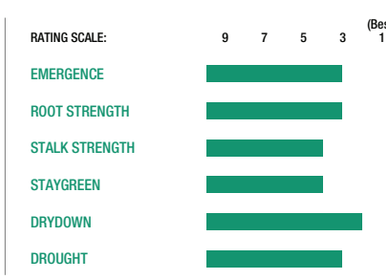
FIELD FORGED SERIES

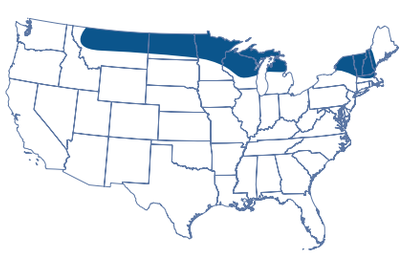
NEW

RM 85

Very strong yield potential and versatility on a wide range of soil types

- Solid emergence and vigor provide a fast start
- Good drydown will lead to Northern movement
- Very strong option for the stress and drought-prone acre



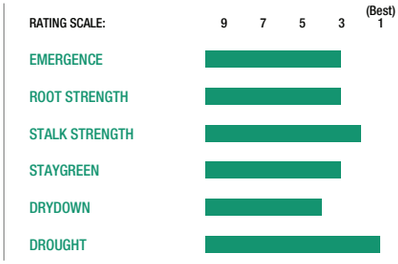


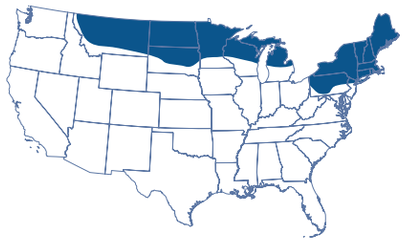
NK8618 • NK8618-AA Brand

RM 86

Consistent product performance with Artesian technology

- Maximizes yield when it rains; increases yield potential when it doesn't
- Strong stalks and roots for season-long standability
- Superior drought tolerance with heavy test weight





Artesian

NK9021 • NEW NK9021-D Brand

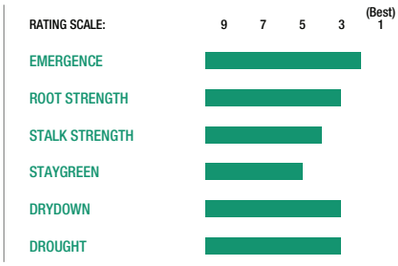
FIELD FORGED SERIES

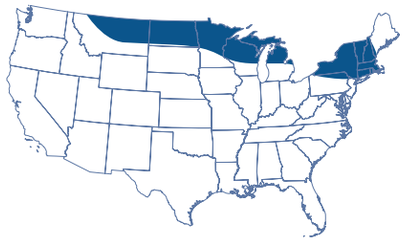
NEW

RM 90

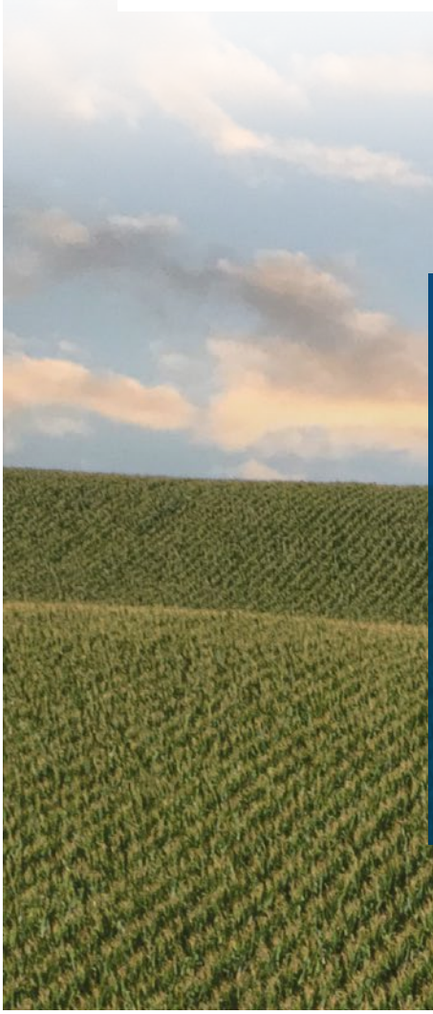
Superb yield potential and tremendous adaptation across soil types

- Very strong green snap tolerance
- Strong drought tolerance for consistent yield potential
- Outstanding emergence and seedling vigor for a fast start





Duracade



BE A PART OF THE NK COMMUNITY

Stay in the loop on everything NK by following us on social media for the latest updates, contests, season highlights, agronomic tips, harvest results and so much more.

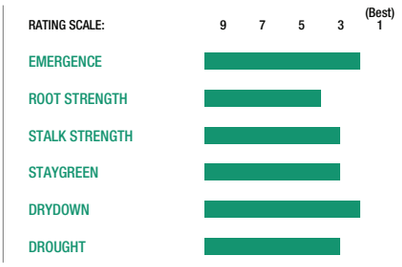
Join the convo by tagging us and using #WhyNK

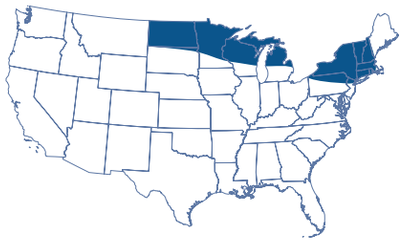
NK9044 • NEW NK9044-AA Brand

NEW RM **90**

Superior yield potential across all soil types

- Solid late-season stalks
- Very strong emergence and great seedling vigor
- Drought tolerance delivers dependable performance



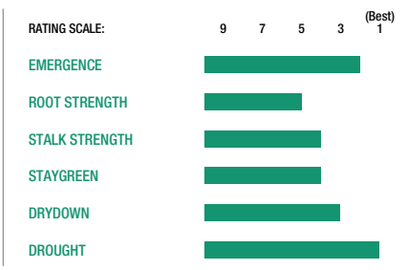


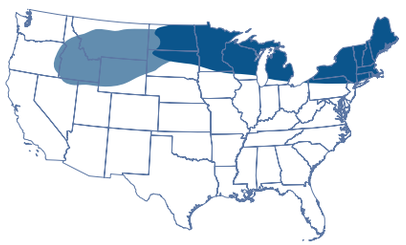
NK9175 • NK9175-DV Brand

RM **91**

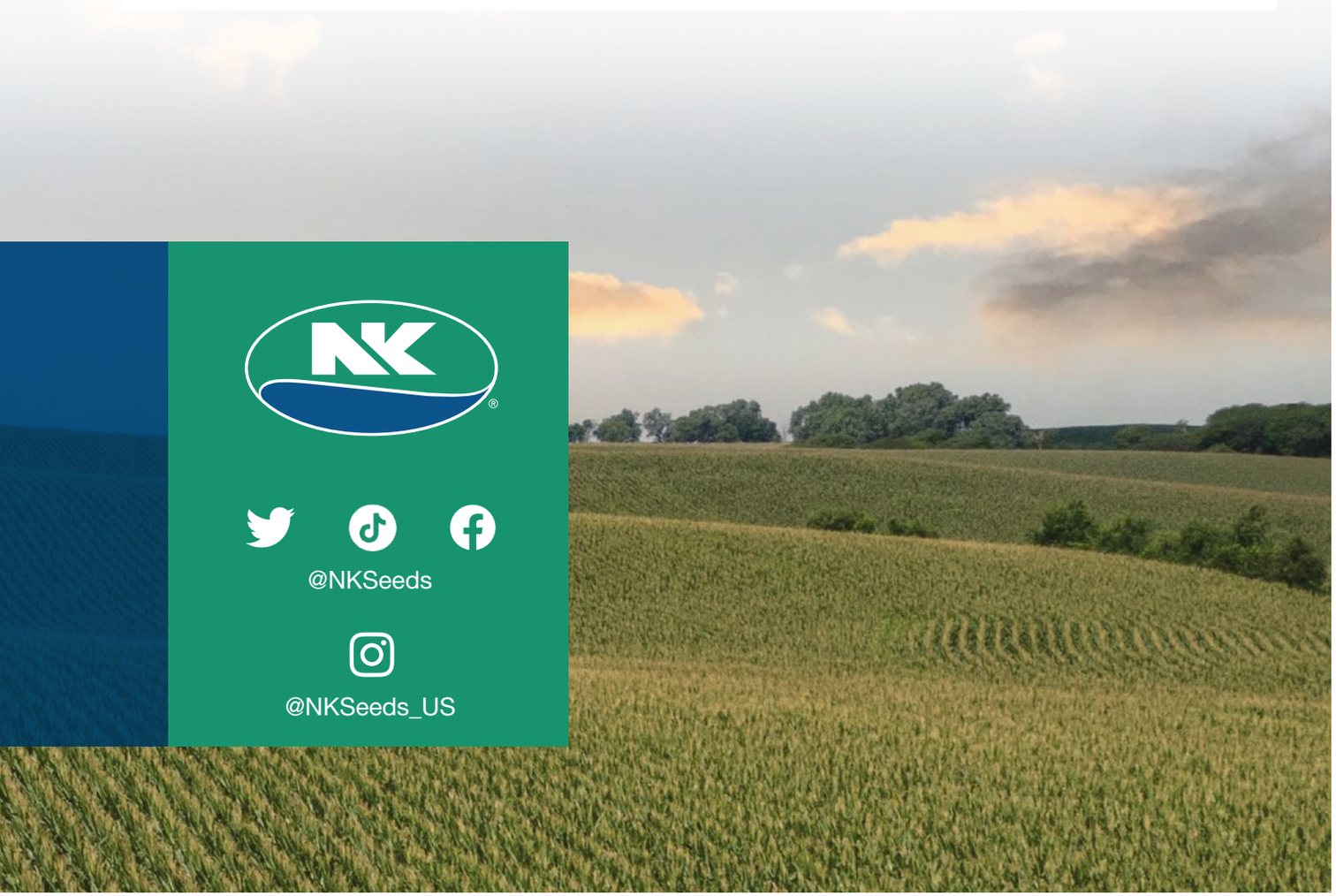
Top-end yield potential with broad adaptation

- Exceptional early disease package
- Consistent performance that brings exciting yield potential to this maturity range
- Outstanding drought tolerance in the Northern Corn Belt





Duracade Viptera | Artesian



@NKSeeds

@NKSeeds_US

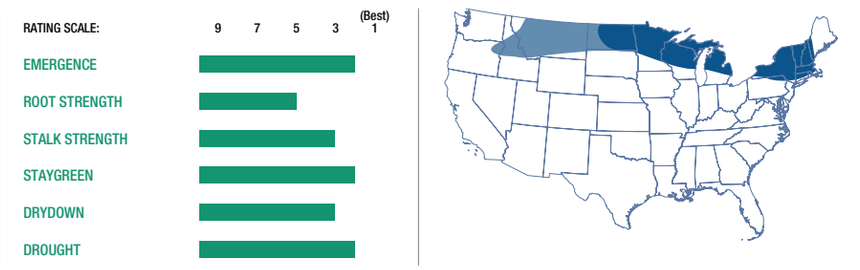
NK9231 • NK9231-AA Brand

FIELD FORGED SERIES

RM 92

Excellent yield potential with versatility across variable and drought-prone soils

- Strong emergence that allows for early planting in cool soils
- Sound stalks and staygreen for late-season standability
- Semi-flex ear allows for plant population flexibility

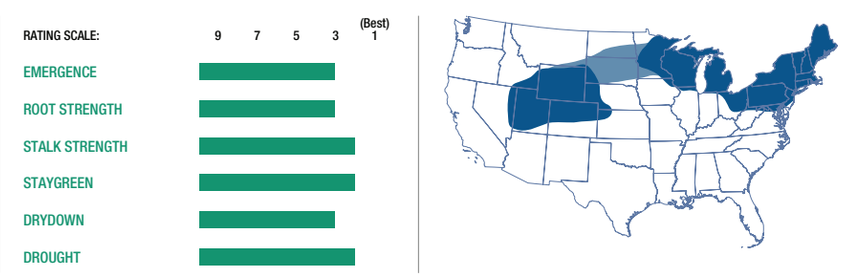


NK9535 • NK9535-V Brand

RM 95

Diverse genetics with exciting yield potential

- Broad adaptation across yield environments
- Superb stalks for season-long standability
- Solid agronomics for continuous corn acres



Viptera

NK9771 • NEW NK9771-DV Brand

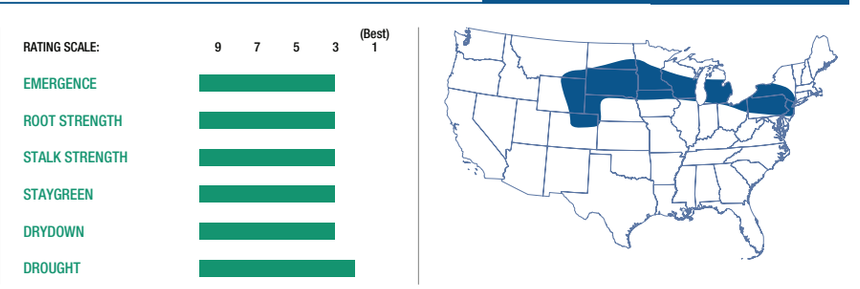
FIELD FORGED SERIES

NEW

RM 97

Tremendous adaptation across soil types leads to excellent yield potential

- Proven disease package
- Great choice for variable and drought-prone soils
- Very good emergence and excellent vigor allow for early planting



Duracade Viptera

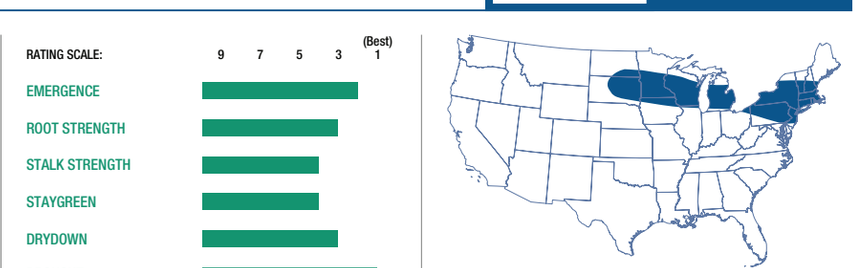
NK9832 • NEW NK9832-AA Brand

NEW

RM 98

Outstanding yield potential

- Very strong emergence and great seedling vigor
- Artesian technology provides dependable performance across environments
- Solid roots and green snap tolerance allow for Western movement



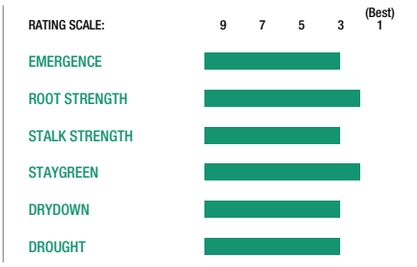
Artesian

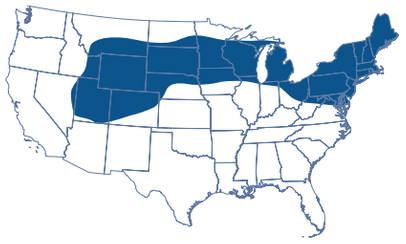
NK9991 • NK9991-D Brand

RM 99

High yield potential with strong agronomics

- Improved plant health with better roots and stalks
- Excellent choice for medium- to high-yield environments
- Broadly adapted hybrid with very good test weight





Duracade

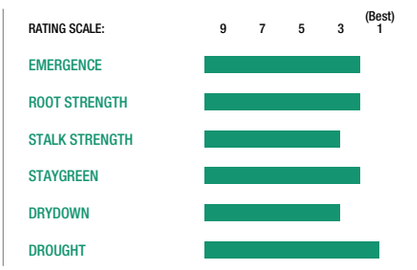
NK0007 • NK0007-AA Brand

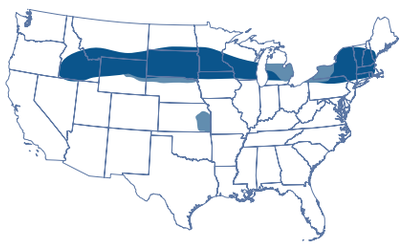
FIELD FORGED SERIES

RM 100

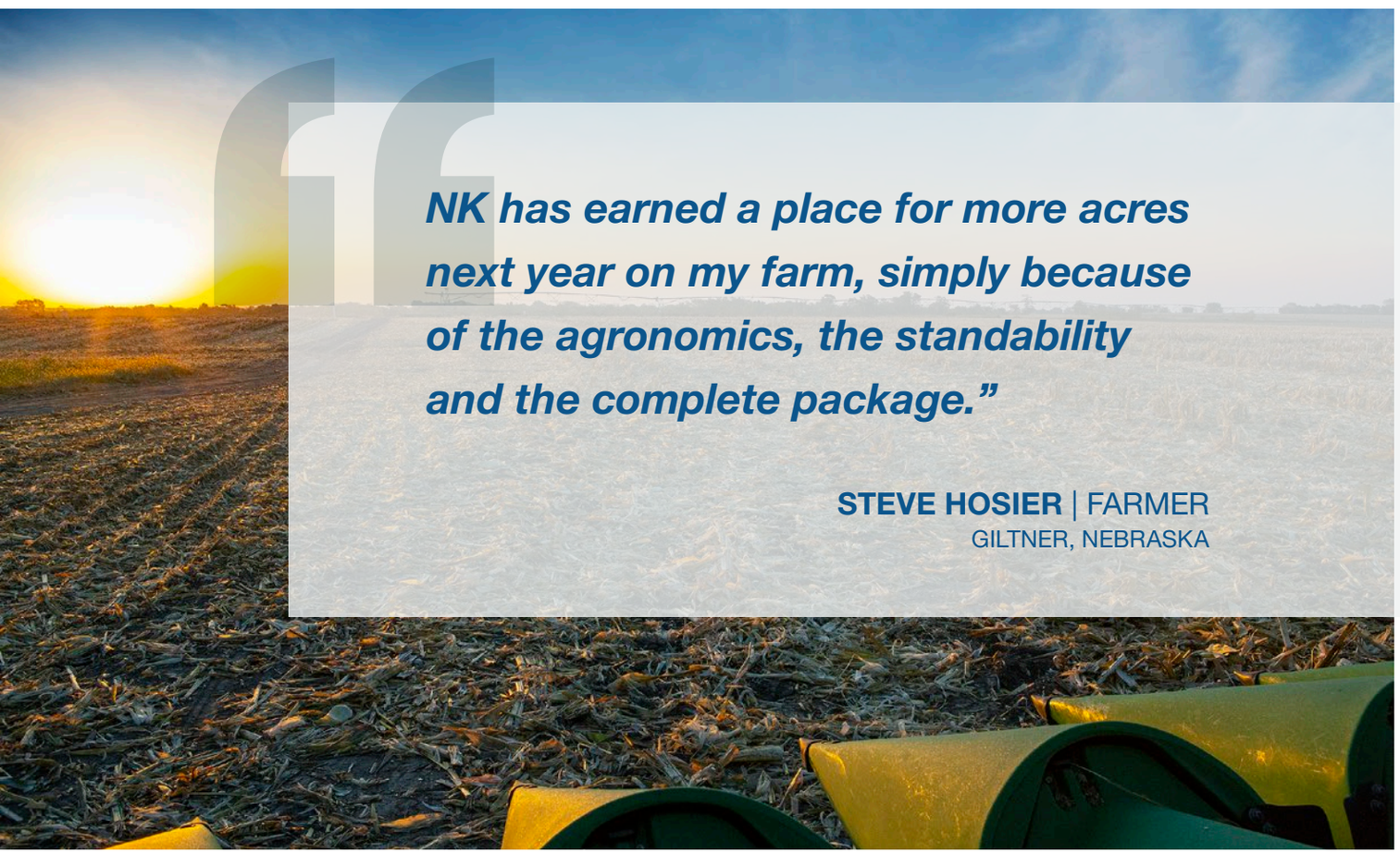
Excellent yield potential with strong roots and stalks

- Outstanding emergence for an early planting option
- Leading drought tolerance powered by Artesian technology
- Semi-determinate ear type and strong standability support higher populations for maximum yield potential





Artesian



NK has earned a place for more acres next year on my farm, simply because of the agronomics, the standability and the complete package."

STEVE HOSIER | FARMER
GILTNER, NEBRASKA

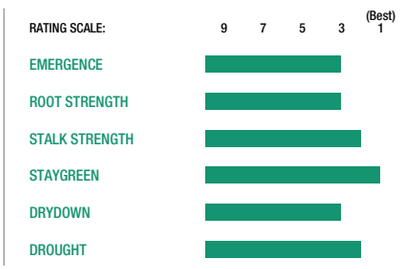
NK0243

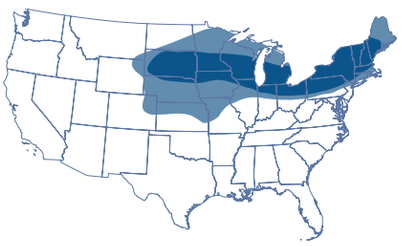
- NK0243-D Brand
- NK0243-AA Brand

RM 102

Excellent agronomics in a broadly adapted hybrid

- Strong stalks and roots to deliver season-long standability
- Strong late-season plant health for harvest flexibility
- Great emergence and vigor for fast stand establishment in cooler environments





Duracade

NK0295

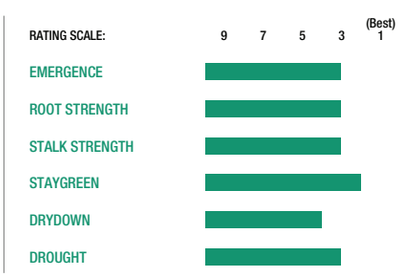
- NEW NK0295-AA Brand

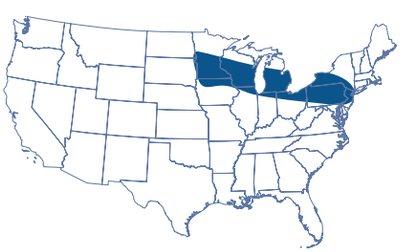
FIELD FORGED SERIES

NEW **RM 102**

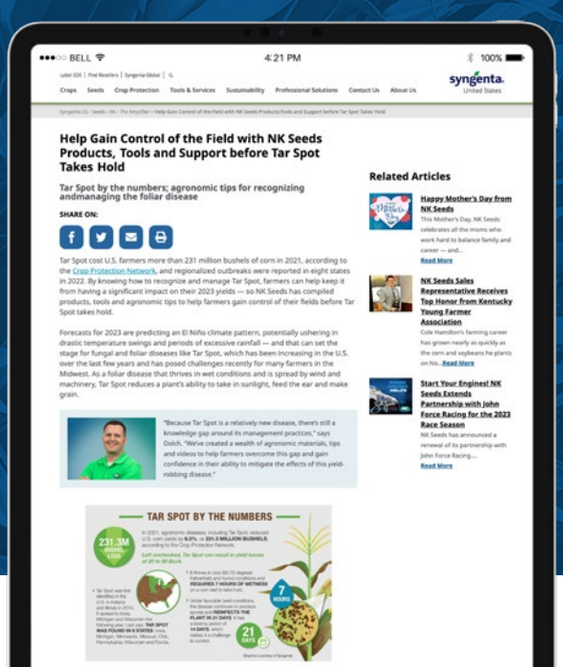
Great yield potential in the Central and Eastern Corn Belt

- Solid roots and late-season stalks
- Consistent performance across variable soils
- Very good emergence and excellent vigor allow for early planting





GET AN INSIDE LOOK



At NK Seeds, we create solutions that matter to you. Get an inside look at them all, read agronomic tips, hear what farmers and resellers have to say, and meet some of the faces of NK on our blog, ***The Amplifier***.

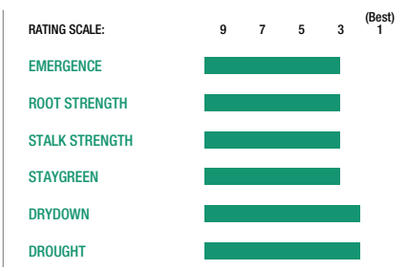
NKSeeds.com/TheAmplifier

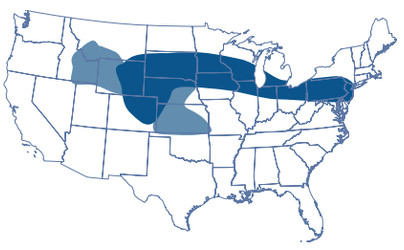
NK0367 • NEW NK0367-AA Brand

NEW RM **103**

Excellent yield potential in the Central and Western Corn Belt

- Superb fit for drought-prone environments
- Strong roots and good stalks for season-long standability
- Very good emergence and proven seedling vigor for a great early planting option





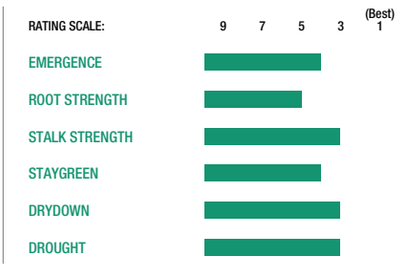
NK0440 • NK0440-AT Brand

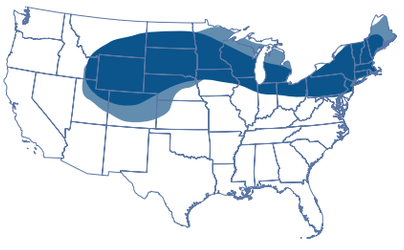
FIELD FORGED SERIES

RM **104**

Tall, attractive plant type that delivers yield potential through variable environments

- Adapted to all soil types for ease of placement
- Strong stalks for harvest flexibility
- Semi-flex ear that enables competitive yields across diverse environments



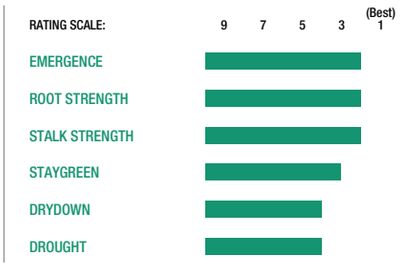


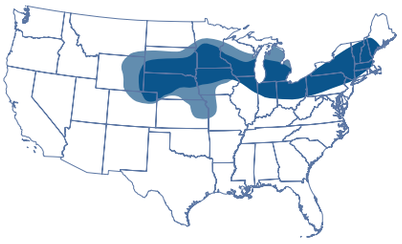
NK0472 • NK0472-DV Brand

RM 104

Strong performance across highly productive acres

- Excellent test weight and grain quality on a semi-determinate ear
- Great stalks and roots that support increased planting populations to maximize yield potential
- Consistent performance across all crop rotations





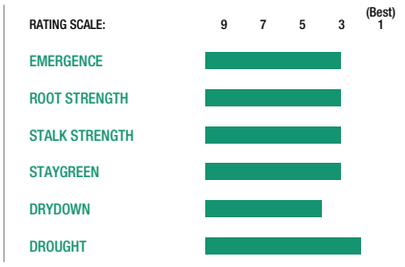
Duracade Viptera

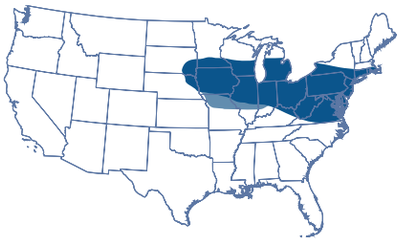
NK0748 • NK0748-D Brand

RM 107

Top-end yield potential for the Central and Eastern Corn Belt

- Strong performance in medium- to fine-textured soils
- Strong emergence and vigor for no-till planting
- Very good stalk strength for ease of harvest





Duracade

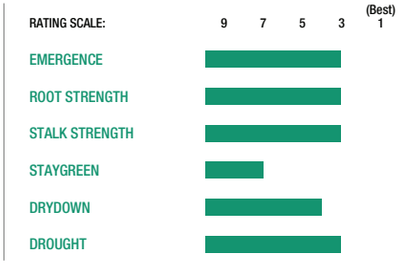
NK0798 • NEW NK0798-DV Brand

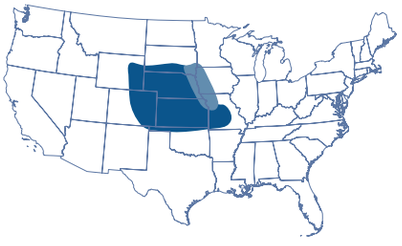
NEW

RM 107

Outstanding yield potential in the Western Corn Belt

- Superior green snap tolerance
- Tremendous hybrid for corn-on-corn acres
- Strong roots and stalks for season-long standability





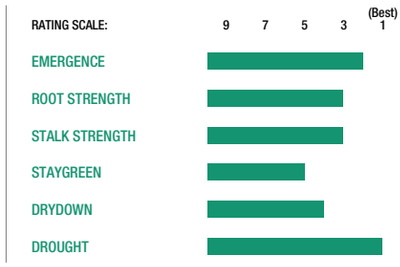
Duracade Viptera

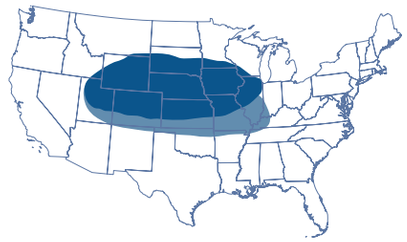
NK0821 • NK0821-D Brand

RM 108

Outstanding stalks and very good roots for season-long standability

- Maximizes yield when it rains; increases yield potential when it doesn't
- Very strong emergence that allows for early planting
- Good ear flex for population flexibility





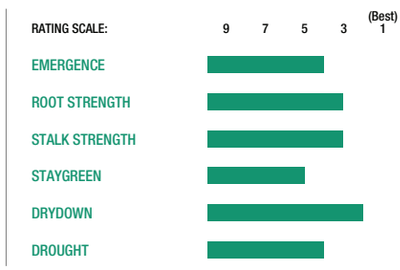
Duracade | Artesian

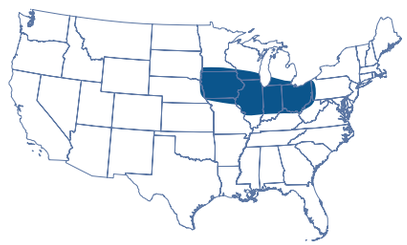
NK0835 • NEW NK0835-AA Brand

NEW RM 108

Exceptional option in the Central and Eastern Corn Belt on highly productive acres

- Proven roots and stalks for season-long standability
- Dependable Northern Corn Leaf Blight and Gray Leaf Spot tolerance
- Rapid drydown for an efficient harvest



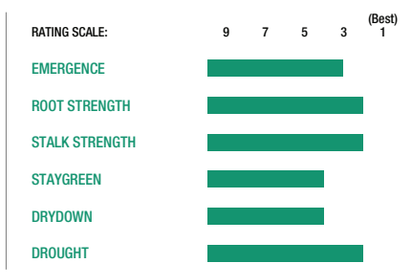


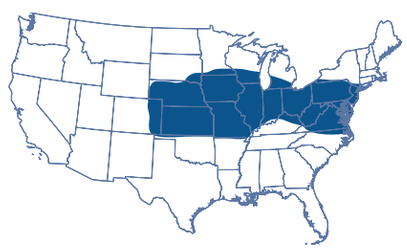
NK0877 • NK0877-V Brand

RM 108

Broadly adapted hybrid with consistent performance

- Outstanding roots and stalks for season-long standability
- Very strong performance on stress acres
- Excellent heat tolerance for yield stability





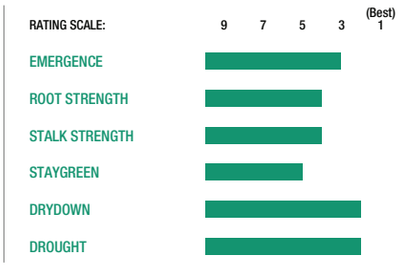
Viptera

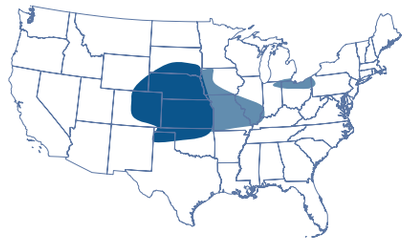
NK0922 • NEW NK0922-V Brand

NEW RM **109**

Broadly adapted hybrid for the Central and Western Corn Belt

- Rapid drydown for a timely harvest
- Strong green snap tolerance for western geographies
- Excellent drought tolerance for placement on variable and drought-prone acres





Viptera

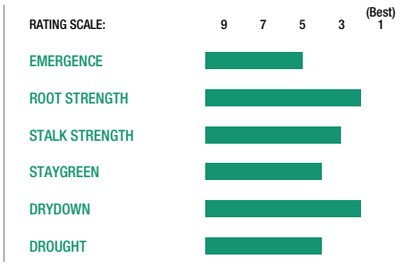
NK1040 • NEW NK1040-AA Brand

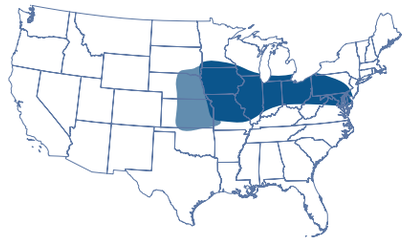
FIELD FORGED SERIES

NEW RM **110**

Broadly adapted hybrid with tremendous performance on highly productive soils

- Excellent roots with dependable stalks for season-long standability
- Proven tolerance against Tar Spot, Gray Leaf Spot and Bacterial Leaf Streak
- Rapid drydown for a timely harvest





IN-FIELD SUPPORT

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NK1082

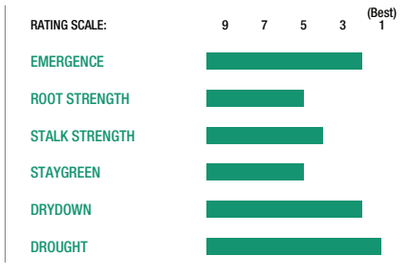
- NK1082-DV Brand
- NK1082-V Brand

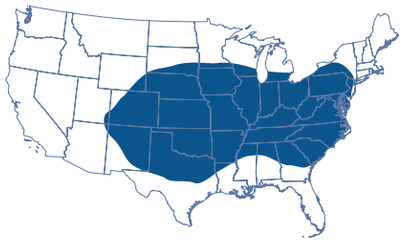
FIELD FORGED SERIES

RM 110

Excellent yield potential across the entire Corn Belt with Artesian technology

- Broadly adapted hybrid for all yield environments
- Moderate plant stature with great emergence for earlier planting window
- Semi-flex ear type enables population flexibility





Duracade Viptera | Viptera | Artesian

NK1188

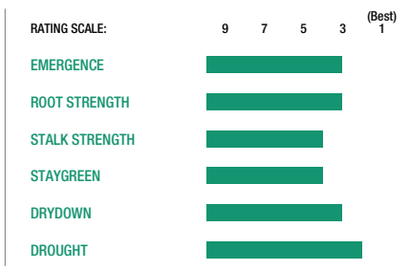
- NK1188-D Brand
- NK1188-AA Brand

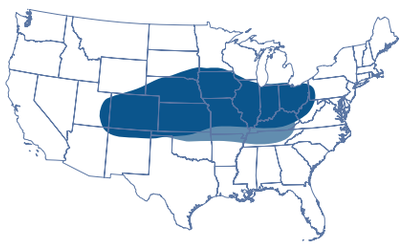
FIELD FORGED SERIES

RM 111

Exciting yield potential and agronomics across environments

- Attractive plant height and ear placement
- Improved test weight and grain quality
- Dependable drought tolerance





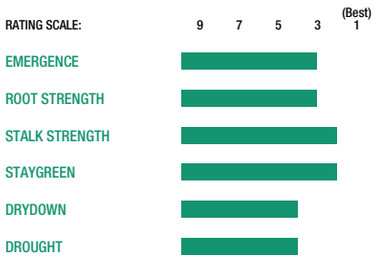
Duracade

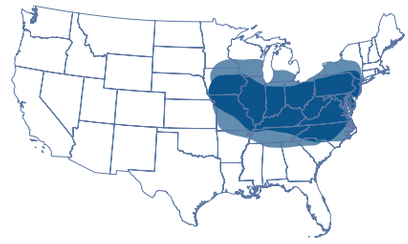
NK1239 • NK1239-D Brand

RM 112

Strong agronomics with good grain quality

- Solid roots and stalks for ease of harvest
- Good choice for higher-managed acres in the Central to Eastern Corn Belt
- Tall and leafy hybrid for dual-purpose silage potential





Duracade

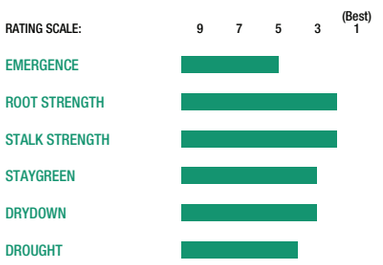
NK1333 • NEW NK1333-AA Brand

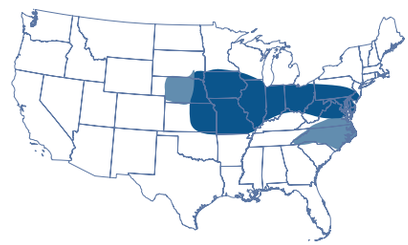
NEW

RM 113

Broadly adapted hybrid with outstanding performance on highly productive soils

- Excellent roots and stalks for season-long standability
- Very strong performance on variable to highly productive soils
- Solid disease tolerance against Tar Spot, N. Corn Leaf Blight and Bacterial Leaf Streak



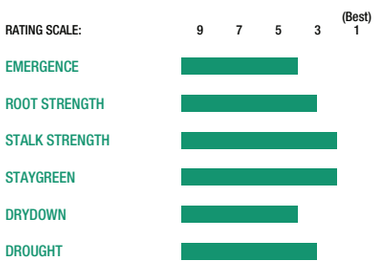


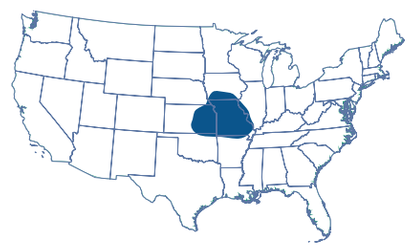
NK1349 • NK1349-V Brand

RM 113

Outstanding disease tolerance and agronomics to maximize yield potential

- Ability to maximize yield with population flexibility
- Improved test weight and grain quality
- Solid roots and outstanding stalks for ease of harvest





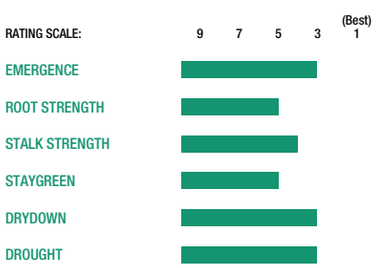
Viptera

NK1364 • NK1364-3111 Brand

RM 113

Excellent tolerance to heat and moisture stress with Western adaptation

- Excels in high-management acres in the Western Corn Belt
- Solid performance in drought-prone and variable soil types
- Rapid drydown that contributes to ease of harvest

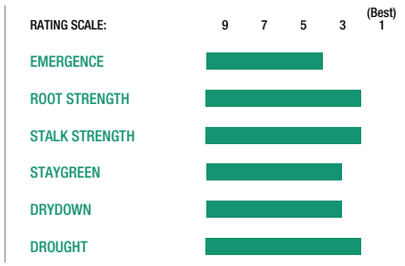


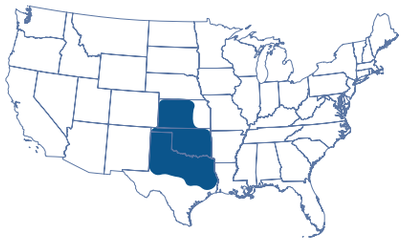
NK1402 • NEW NK1402-DV Brand

NEW RM 114

Outstanding drought stress combined with heat tolerance for Southern movement

- Consistent yield performance in stress environments
- Superb agronomics with outstanding roots and dependable stalks
- Dependable disease package for in-season protection





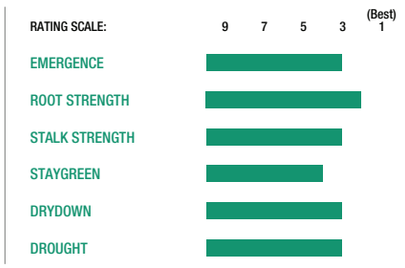
Duracade Viptera

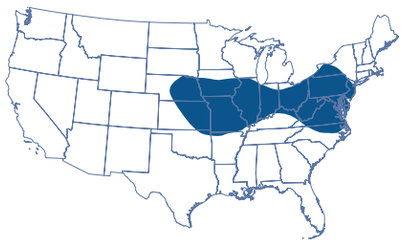
NK1452 • NK1452-AT Brand • NK1452-AA Brand

RM 114

Consistent performance with an excellent agronomic package

- Strong emergence and seedling vigor
- Superb root strength and proven stalk strength
- Excellent choice for continuous corn acres



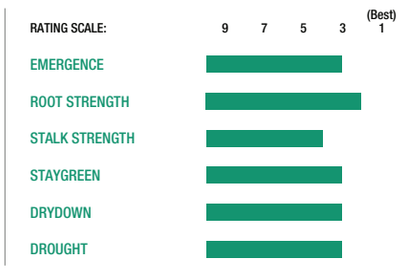


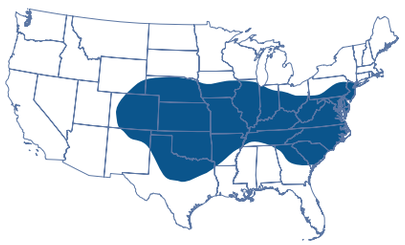
NK1460 • NK1460-DV Brand

RM 114

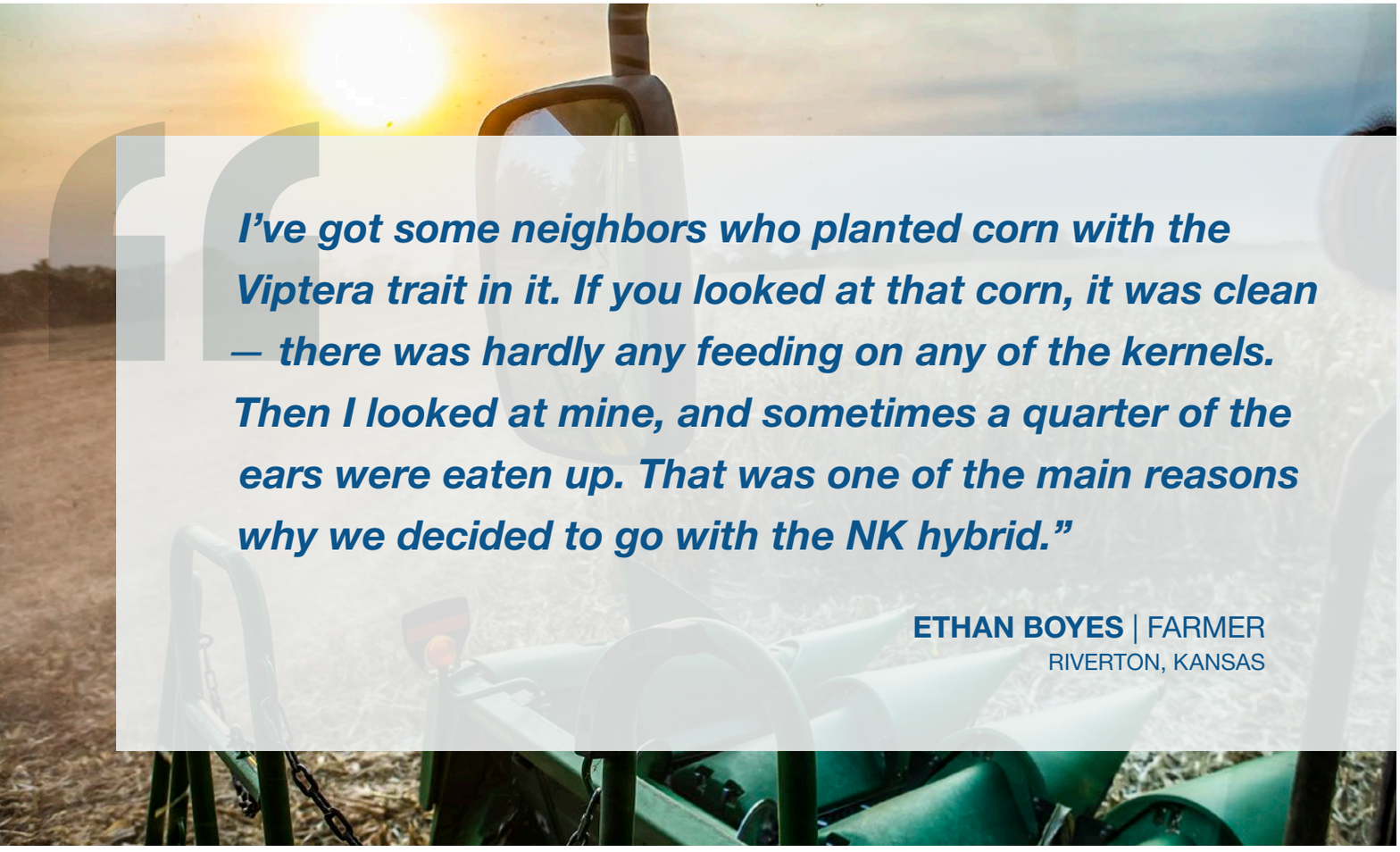
Broadly adapted hybrid with excellent root strength

- Excellent yield potential when intensively managed
- Semi-flex ear type allows for population flexibility
- Excellent emergence and early-season vigor





Duracade Viptera



I've got some neighbors who planted corn with the Viptera trait in it. If you looked at that corn, it was clean — there was hardly any feeding on any of the kernels. Then I looked at mine, and sometimes a quarter of the ears were eaten up. That was one of the main reasons why we decided to go with the NK hybrid."

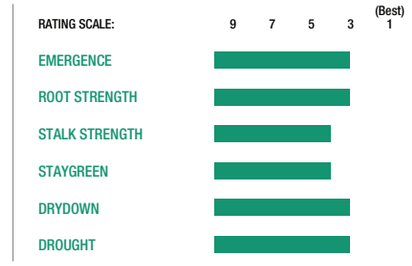
ETHAN BOYES | FARMER
RIVERTON, KANSAS

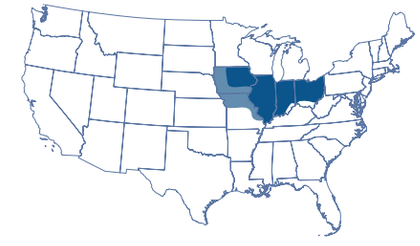
NK1480 • NEW NK1480-DV Brand

NEW RM **114**

Exciting genetics for the Eastern Corn Belt

- High-performing genetics for the highly productive acre
- Proven emergence with very good seedling vigor for early planting
- Great corn-on-corn performance with strong GLS and Tar Spot tolerance





Duracade Viptera

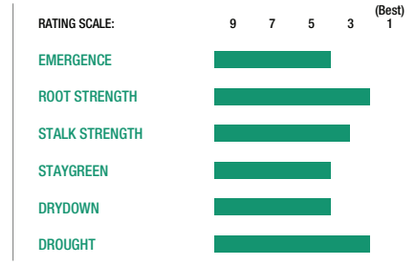
NK1523 • NK1523-V Brand

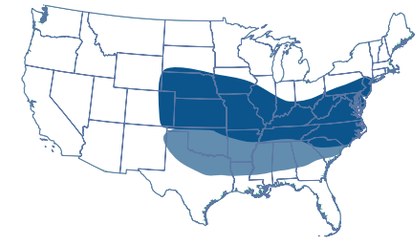
FIELD FORGED SERIES

RM **115**

High-end yield potential with agronomic stability

- Consistent yield potential in a broadly adapted hybrid
- Strong and robust root structure
- Excellent yield potential with increased management





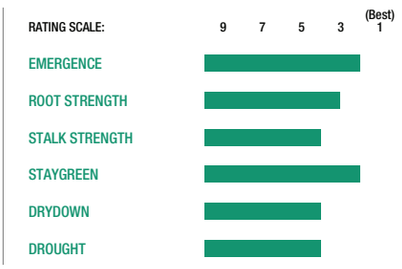
Viptera

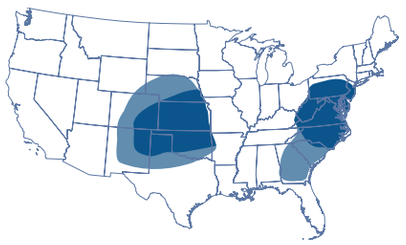
NK1573 • NK1573-DV Brand

RM 115

Strong agronomics with stable yield potential

- Semi-flex ear allows population to match yield target
- Very good root and stalk strength for harvest flexibility
- Dependable staygreen to help maximize yield potential





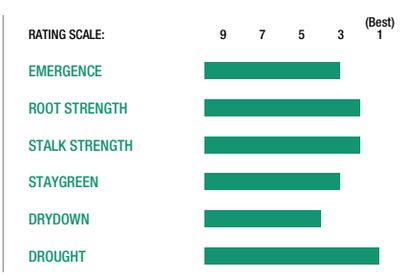
Duracade Viptera

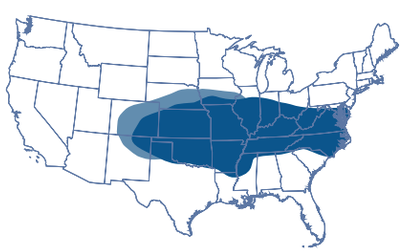
NK1661 • NK1661-DV Brand • NK1661-AA Brand

RM 116

Excellent yield potential with Artesian technology

- Strong disease package and plant health provide crop rotation flexibility
- Dependable stalks and roots that allow for population flexibility across all environments
- Consistent performance across all soil types





Duracade Viptera | Artesian

NK CORN SEEDING RATE CALCULATOR

Get the Right Product on the Right Acre at the Right Population

The NK Corn Seeding Rate Calculator is a data-driven, online tool that helps farmers estimate the most economical seeding rate for individual hybrids and yield environments per acre with just the click of a button.

Find your ideal seeding rate.

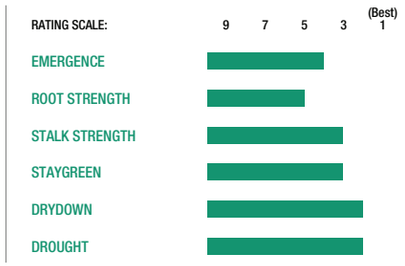
NK1694

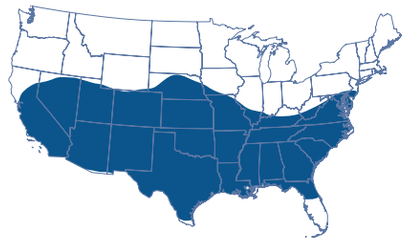
- NK1694-3111 Brand
- NK1694-GT Brand

RM 116

Superb yield potential on stress acres

- Well adapted to drought-prone soils
- Flex ear type allows for moderate populations under stress conditions
- Stable plant and ear height across rolling stress environments





NK1701

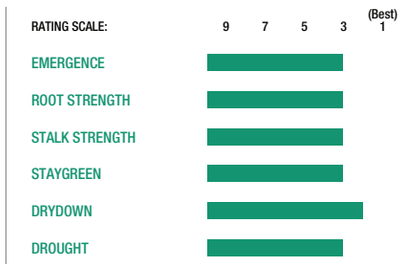
- NK1701-V Brand

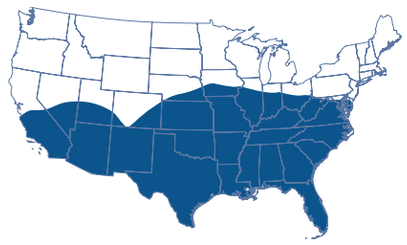
FIELD FORGED SERIES

RM 117

Strong performance in low- to moderate-yield environments

- Very good stalk and root strength for late-season standability
- Dependable emergence and vigor allow for early planting
- Moderate plant stature with a very strong disease package





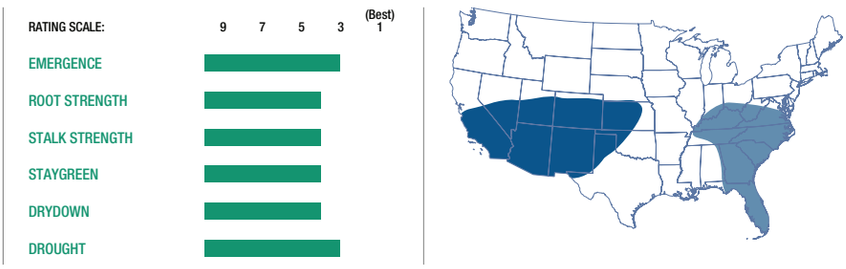
Viptera

NK1755 • NK1755-DV Brand

RM 117

Superb dual-purpose hybrid with top-end yield

- Very good choice for moderate- to high-yield environments in the Western Corn Belt
- Semi-flex ear type allows for population flexibility
- Strong foliar disease package to protect yield potential



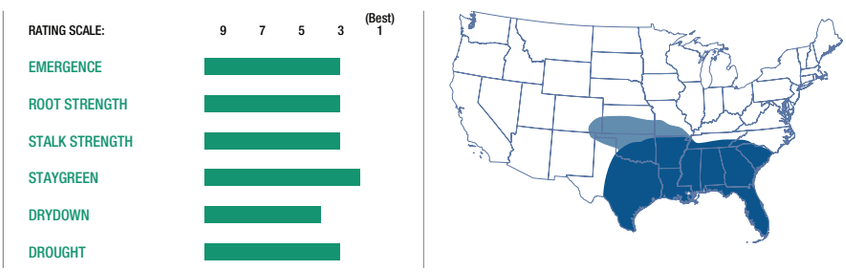
Duracade Viptera

NK1838 • NK1838-3110 Brand

RM 118

Outstanding emergence with consistent yield performance

- Strong roots with excellent staygreen
- Tall plant with a larger canopy for dual-purpose silage
- Outstanding ear flex



NK CORN SILAGE
HYBRID SELECTION

	BRAND	MATURITY	CHARACTERISTICS						DISEASE TOLERANCE[1]			AGRONOMIC RESEARCH RATINGS[2]							
			AGRONOMIC				PLANT												
	NK Hybrid Series	Relative Maturity	Emergence	Root Strength	Drought	Staygreen	Plant Height	Ear Height	Gray Leaf Spot	Goss's Wilt	Tar Spot	Yield (Tons/A)	NDF 30 hr (% of DM)	Starch (% of DM)	NEL (Mcal/lb)	Milk (lbs/Ton)	Milk (lbs/A)[3]	Beef (lbs/Ton)	Beef (lbs/A)
	NK8005	80	3	3	1	1	5	4	-	4	2	F	G	G	G	G	G	G	G
NEW	NK8232	82	2	3	2	3	5	5	4	4	-	F	G	G	G	G	G	G	G
	NK8519	85	3	4	2	3	3	4	-	4	3	G	F	G	G	G	B	G	B
NEW	NK8558	85	3	3	3	4	3	4	4	4	-	F	G	G	G	G	G	G	G
	NK8618	86	3	3	1	3	3	5	-	4	4	F	F	G	F	F	F	F	F
	NK8760	87	2	3	2	4	4	4	-	4	2	P	G	G	G	G	F	G	F
NEW	NK9021	90	2	3	3	5	3	4	4	4	5	G	G	B	G	G	G	G	G
NEW	NK9044	90	2	4	3	3	4	4	5	4	5	G	F	G	G	G	G	G	G
	NK9175	91	2	5	1	4	3	4	-	4	5	G	G	B	G	G	G	G	G
	NK9231	92	2	5	2	2	2	3	3	6	4	B	G	B	B	B	G	B	G
	NK9347	93	3	3	3	4	4	5	3	4	4	G	F	F	G	G	G	G	G
	NK9535	95	3	3	2	2	3	4	4	3	4	G	B	B	G	G	G	G	G
NEW	NK9771	97	3	3	2	3	3	3	3	3	4	B	G	G	G	G	G	G	G
NEW	NK9832	98	2	3	1	4	4	4	4	5	3	F	F	G	G	G	G	G	G
	NK9991	99	3	2	3	2	3	3	2	5	4	F	F	G	G	G	F	G	F
	NK0007	100	2	2	1	2	5	5	3	6	4	F	F	B	G	G	G	B	B
	NK0243	102	3	3	2	1	5	5	3	3	4	G	G	G	B	B	G	B	G
NEW	NK0295	102	3	3	3	2	4	4	4	4	3	P	G	B	B	G	F	G	F
	NK0314	103	3	3	4	3	4	3	5	4	4	F	F	G	G	G	F	G	F
	NK0330	103	4	4	3	5	3	3	4	4	3	G	F	B	G	F	G	G	G
NEW	NK0367	103	3	3	2	3	4	5	3	3	3	F	F	G	G	G	G	G	G
	NK0440	104	4	5	3	4	2	2	4	3	4	G	G	F	G	G	G	G	G
	NK0472	104	2	2	4	3	3	4	4	3	3	G	F	F	F	F	G	F	F
	NK0696	106	2	2	3	3	5	4	3	4	5	B	F	B	G	G	B	G	B
	NK0748	107	3	3	2	3	3	4	3	5	5	B	G	F	G	G	B	B	B
	NK0760	107	3	3	2	4	5	5	3	4	3	B	G	G	G	G	B	G	B
NEW	NK0798	107	3	3	3	7	4	4	4	4	4	B	F	F	G	G	G	G	G
	NK0821	108	2	3	1	5	4	5	4	3	4	G	F	F	G	G	F	G	F
NEW	NK0835	108	4	3	4	5	3	3	3	5	4	G	G	G	F	F	F	F	F
	NK0877	108	3	2	2	4	5	5	5	4	4	G	G	G	F	F	G	G	G
NEW	NK0922	109	3	4	2	5	4	4	2	5	5	G	G	B	G	G	G	G	G
	NK0962	109	3	4	1	5	5	3	5	4	4	G	G	G	G	G	G	G	G
NEW	NK1040	110	5	2	4	4	4	4	3	6	3	F	F	B	G	G	F	F	F
	NK1082	110	2	5	1	5	5	6	4	3	4	G	F	B	G	G	G	G	G
	NK1188	111	3	3	2	4	4	6	4	6	3	G	G	F	G	G	G	F	G

= Field Forged Series

AGRONOMIC CHARACTERISTICS
1 = Best
9 = Worst
- = Not Available

PLANT HEIGHT
1 = Tall
9 = Short

EAR HEIGHT
1 = High
9 = Low

DISEASE TOLERANCE
1 = High
9 = Low
- = Not Available

AGRONOMIC RESEARCH RATINGS
B = Best
G = Good
F = Fair
P = Poor
- = Not Available

DROUGHT
Artesian® water-optimized hybrid

BRAND	MATURITY	CHARACTERISTICS						DISEASE TOLERANCE[1]			AGRONOMIC RESEARCH RATINGS[2]							
		AGRONOMIC				PLANT												
NK Hybrid Series	Relative Maturity	Emergence	Root Strength	Drought	Staygreen	Plant Height	Ear Height	Gray Leaf Spot	Goss's Wilt	Tar Spot	Yield (Tons/A)	NDF 30 hr (% of DM)	Starch (% of DM)	NEL (Mcal/lb)	Milk (lbs/Ton)	Milk (lbs/A)[3]	Beef (lbs/Ton)	Beef (lbs/A)
NK1239	112	3	3	4	2	2	4	3	3	2	B	F	P	G	G	G	F	G
NEW NK1333	113	5	2	4	3	3	3	4	5	3	F	F	F	G	F	F	F	F
NK1349	113	4	3	3	2	3	3	3	3	3	G	F	B	G	G	G	G	G
NK1354	113	2	2	3	3	4	4	4	3	5	G	G	G	G	G	F	G	F
NK1364	113	3	5	3	5	4	5	6	4	-	G	G	G	G	B	G	B	F
NEW NK1402	114	4	2	2	3	2	3	3	3	3	G	F	F	G	F	F	F	F
NK1452	114	3	2	3	4	3	2	5	4	4	G	G	B	B	B	B	B	B
NK1460	114	3	2	3	3	3	2	4	4	5	G	F	B	G	G	G	G	G
NEW NK1480	114	3	3	3	4	2	2	3	4	3	-	-	-	-	-	-	-	-
NK1523	115	4	2	2	4	3	5	4	4	2	G	G	F	B	G	G	G	G
NK1573	115	2	3	4	2	4	5	3	4	6	B	F	B	G	G	G	G	G
NK1661	116	3	2	1	3	3	3	3	3	3	G	G	B	G	G	G	G	G
NK1677	116	3	3	5	3	2	3	3	2	-	G	F	P	G	G	B	G	B
NK1694	116	4	5	2	3	4	4	5	3	4	G	F	G	B	G	G	B	G
NK1701	117	3	3	3	3	4	3	3	3	3	F	F	G	G	G	F	G	G
NK1748	117	3	2	3	2	4	3	3	3	-	B	G	G	G	G	B	G	B
NK1755	117	3	4	3	4	3	5	3	3	3	G	G	F	G	B	B	B	B
NK1808	118	4	4	3	2	2	3	3	4	2	G	F	F	G	G	B	G	B
NK1838	118	3	3	3	2	2	4	4	3	-	G	F	P	G	G	G	G	G

Yield: Calculated on a per-acre basis and adjusted to standard moisture.

Neutral Detergent Fiber 30 Hour (NDF 30 hr): Measure of the indigestible and slowly digestible components of the silage.

Starch: Indicates the percentage of feed component that is starch.

Net Energy for Lactation (NEL): Feed effect on net energy for lactating cows based on acid detergent fiber (ADF).

Milk/Ton: An estimate of forage quality driven by starch content, starch digestibility and NDF.

Milk/A: Combines the estimate of forage quality (Milk/Ton) and yield (Tons/A) into a single term.[3]

Beef/Ton: A proprietary estimate of forage quality driven by total digestible nutrients.

Beef/A: Combines the estimate of forage quality (Beef/Ton) and yield (Tons/A) into a single term.

[1] Disease and insect ratings are not absolute; environmental conditions and certain cultural practices, such as continuous corn, play a critical role in disease development and insect infestation, which can predispose plants to secondary diseases such as stalk and ear rots. If conditions are severe, even hybrids rated as resistant can be adversely affected. Farmers should balance yield potential, hybrid maturity and cultural practices against the anticipated risk of disease or insect pressure. Ratings are based on interpretation of statistically analyzed results of studies conducted by Syngenta.

[2] Digestibility ratings are based on near-infrared and in vitro digestibility analysis. Milk performance estimates are generated from University of Wisconsin equations. Comparisons should be made only among hybrids within a maturity group. Although actual silage yield and quality analysis of a hybrid will vary with environment, the relative ranking of a hybrid will be similar. These ratings are a relative performance guide. Conduct a laboratory test to determine actual silage quality when balancing a feed ration. These ratings should not be used to estimate actual production per animal, but instead should be used to determine relative overall silage quality and yield of each hybrid.

[3] fyi.uwex.edu/forage/files/2016/11/Milk-2016-Combining-Yield-and-Quality-into-a-Single-Term-2.pdf

Enogen®

INCREASED EFFICIENCY
FOR FIELDS, FEEDLOTS AND DAIRIES

What makes Enogen corn hybrids so effective is a highly efficient alpha-amylase enzyme trait that quickly converts starch into usable sugar. This means there is ***more available energy per pound*** of Enogen grain or silage, which can lead to ***increased feed efficiency***.

- **Improved Feed Efficiency of about 5%** — When fed as grain or silage, Enogen delivers more available energy per pound than any other corn hybrid.[1]
- **Farm-Proven Results** demonstrating excellent yield potential with elite genetics and traits.
- **Ultimate Flexibility** with the options to harvest as silage, high-moisture corn or grain.
- **Feed Fast, Feed First** delivers greater levels of starch digestibility and more immediately available nutrients from day one after harvest and for more than eight months in the silo or pit.[2]

When it comes to your operation, get the competitive edge to help keep you efficient and profitable.

[1] University of Nebraska-Lincoln Research Studies, 2013-2017; Kansas State University Research Study, 2017; Pennsylvania State University, 2019.
[2] Syngenta Contract Research 2019; estimated from linear regressions for each hybrid type, $R^2 > 84\%$ (Enogen, n = 104; Other, n = 64).

ENOGEN AND DAIRY PRODUCERS:
THE BOTTOM LINE

Syngenta, in partnership with model developers at the University of Wisconsin-Madison Animal and Dairy Sciences and Agronomy Departments and Rock River Laboratory, compared the financial value of using Enogen corn for feed when compared with traditional feed products.

The financial value assessment evaluated factors such as milk content, expected milk revenue and associated corn silage costs.[3]

When comparing Enogen corn with traditional feed products, researchers found that for 1,000 dairy cows, a U.S. farm operation could **save from $132 to $208 per milking cow**.[4]

To learn more, visit Enogen.com.

[3] These calculations are not a guarantee. Product performance and results may vary across farm operations based on any number of variables and farm input costs.
[4] Lauer JG. 2019. https://ipcm.wisc.edu/blog/2019/04/brown-midrib-and-leafy-corn-silage-performance-a-new-bmr-economics-calculator/

RM 80-118 ENOGEN CORN CHARACTERISTICS

BRAND	TRAIT OFFERS[1]		MATURITY INFORMATION			AGRONOMIC CHARACTERISTICS									
	Above- and Below-Ground Insect Protection with E-Z Refuge	Above- and Below-Ground Insect Protection													
Enogen Hybrid Series	Duracade	Agrisure 3000GT	Relative Maturity (RM)	GDUs to Silk	GDUs to Black Layer	Emergence	Seedling Vigor	Root Strength	Stalk Strength	Drought	Green Snap	Staygreen	Drydown	Test Weight	Blunt Ear
E080Q1	D		80	1150	1810	3	3	3	3	1	3	1	4	2	-
NEW E085Z5	D		85	1200	2140	3	3	3	4	3	5	4	2	4	-
E092W5	D		92	1240	2300	2	2	5	4	1	3	4	3	3	6
NEW E094Z4	D		94	1260	2390	2	2	2	3	4	4	4	3	4	-
E095D3	D		95	1280	2400	3	3	3	2	2	5	2	3	2	1
E100A3	D		100	1320	2445	3	2	3	3	2	4	2	3	4	-
E105T1		3000GT	105	1355	2550	2	2	5	2	2	4	2	3	4	2
NEW E105Z5	D		105	1355	2560	3	3	5	3	3	2	3	3	5	-
E107C1	D		107	1400	2500	3	4	2	3	3	5	3	4	3	-
E110F4	D		110	1420	2620	3	3	4	4	3	2	5	2	4	-
E111V7	D		111	1430	2600	3	3	3	4	2	3	4	3	2	-
E112S5	D		112	1430	2630	3	2	3	2	4	5	2	4	3	-
E113N8		3000GT	113	1415	2630	3	4	5	4	3	4	5	3	6	-
E113Z5	D		113	1435	2650	2	2	2	4	3	3	3	2	4	-
NEW E114Z4	D		114	1435	2660	3	3	4	3	3	4	3	2	4	-
E116K4		3000GT	116	1465	2690	4	3	5	3	2	3	3	2	4	-
NEW E117Z7	D		117	1465	2700	3	2	4	4	3	2	3	4	5	-
E118D8	D	3000GT	118	1480	2700	4	4	4	3	3	3	2	3	2	-

TRAITS

Above- and Below-Ground Insect Protection with E-Z Refuge
D = Duracade®

Above-Ground Insect Protection
3000GT = Agrisure® 3000GT

HERBICIDE TOLERANCE
FOR ENOGEN HYBRIDS

	EVT TYPE	GLYPHOSATE	GLUFOSINATE
Duracade®	EZT1	X	X
	EZT0	X	
Agrisure® 3000GT	EVTL	X	X
	No EVT	X	X

Enogen®

PLANT CHARACTERISTICS							DISEASE TOLERANCE[2]											BRAND
Plant Height	Ear Height	Root Type	Leaf Type	Ear Flex[3]	Husk Cover	Cob Color	Gray Leaf Spot	Northern Corn Leaf Blight	Goss's Wilt	Bacterial Leaf Streak	Southern Corn Leaf Blight	Eyespot	Anthracnose Stalk Rot	Tar Spot	Fusarium Crown Rot	Common Rust	Southern Rust	Enogen Hybrid Series
5	4	M	U	SF	M	R	-	5	4	-	-	3	6	2	7	-	-	E080Q1
3	4	M	SU	SD	M	R	4	4	4	3	-	-	3	-	5	-	-	E085Z5 NEW
3	4	M	U	SD	M	R	-	3	4	-	-	3	4	5	5	-	-	E092W5
3	4	M	SU	SF	M	R	4	4	4	2	-	-	4	6	5	-	-	E094Z4 NEW
3	4	F	SU	F	M	R	4	5	3	4	-	2	3	4	3	4	-	E095D3
4	4	P	SU	SF	M	R	3	3	4	3	-	-	3	4	4	-	-	E100A3
2	3	M	U	SF	M	Pi	4	5	3	4	4	4	2	3	2	3	-	E105T1
1	4	M	SU	SF	M	Pi	3	5	3	3	-	-	2	5	3	-	-	E105Z5 NEW
1	4	M	SU	SF	M	Pi	3	4	5	5	3	-	5	3	5	-	4	E107C1
4	3	M	SU	F	M	R	4	3	3	2	4	-	6	2	4	-	3	E110F4
4	6	F	U	SF	L	Pi	4	3	6	4	6	-	3	3	3	7	4	E111V7
2	4	M	U	SF	M	R	3	3	3	4	6	-	3	2	3	7	4	E112S5
4	5	F	SU	F	M	W	6	4	4	5	2	6	4	-	4	3	6	E113N8
4	4	M	SU	SD	M	R	4	3	3	3	4	4	-	5	4	7	5	E113Z5
3	3	M	SU	SF	M	R	4	3	4	2	-	-	4	-	4	-	3	E114Z4 NEW
4	4	M	P	F	M	Pi	5	4	3	3	3	5	3	4	4	6	5	E116K4
2	3	M	SU	SF	M	DR	3	4	3	3	-	-	3	-	3	-	-	E117Z7 NEW
2	3	M	SU	SF	L	R	3	3	4	3	3	5	-	2	4	3	3	E118D8

= Field Forged Series

AGRONOMIC CHARACTERISTICS
1 = Best
9 = Worst
- = Not Available

TEST WEIGHT
1 = High
9 = Low

PLANT HEIGHT
1 = Tall
9 = Short

EAR HEIGHT
1 = High
9 = Low

ROOT TYPE
P = Penetrating
M = Modified
F = Fibrous

LEAF TYPE
U = Upright
SU = Semi-Upright
P = Pendulum

EAR FLEX
F = Flex
SF = Semi-Flex
SD = Semi-Determinate
D = Determinate

HUSK COVER
S = Short
M = Medium
L = Long

COB COLOR
DR = Dark Red
R = Red
Pi = Pink
W = White

DISEASE TOLERANCE
1 = High
9 = Low
- = Not Available

DROUGHT
Artesian® water-optimized hybrid

[1] **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.**

[2] Disease and insect ratings are not absolute; environmental conditions and certain cultural practices, such as continuous corn, play a critical role in disease development and insect infestation, which can predispose plants to secondary diseases such as stalk and ear rots. If conditions are severe, even hybrids rated as resistant can be adversely affected. Farmers should balance yield potential, hybrid maturity and cultural practices against the anticipated risk of disease or insect pressure. Ratings are based on interpretation of statistically analyzed results of studies conducted by Syngenta.

[3] Flex hybrids adjust to growing conditions by changing ear length or kernel depth. Determinate hybrids are less able to adjust ear size. Plant population is considered more important for a determinate-ear hybrid than for a flex-ear hybrid.

ENOGEN CORN DESCRIPTION KEY

Hybrid Series: All hybrids within this series were developed from the same base genetics.

E indicates Enogen corn.

Indicates **relative maturity.**

Randomly designated digits.

Trait versions available in this hybrid series.

Indicates product is part of the **Field Forged Series.**

Indicates **new series for 2024.**

Relative maturity of this hybrid series.

E117Z7

• NEW **E117Z7-D** Brand

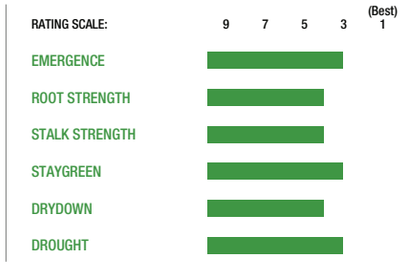
FIELD FORGED SERIES

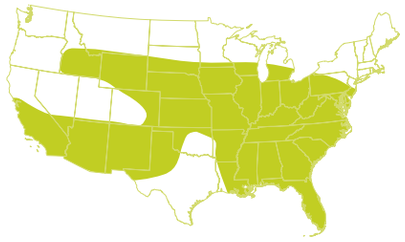
NEW

RM **117**

Robust plant type with outstanding dual-purpose potential

- Dependable staygreen with moderate drydown
- Strong emergence with outstanding vigor for early-planted acres
- Broadly adapted genetics with excellent silage tonnage potential





Duracade

Insect protection, herbicide tolerance and other **traits.**

Primary (dark green) and, where applicable, secondary (light green) **areas of adaptation** for this hybrid series. Areas are suggested; performance may vary.

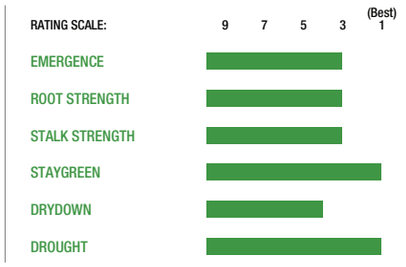
E080Q1 • E080Q1-D Brand

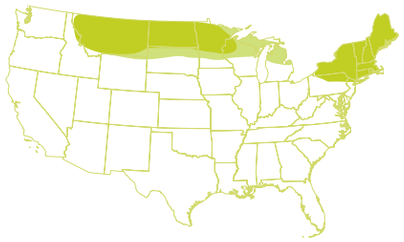
FIELD FORGED SERIES

RM 80

Consistent potential across a wide range of yield environments

- Maximizes yield when it rains; increases yield potential when it doesn't
- Very good root strength
- Excellent test weight





Duracade | Artesian

E085Z5 • NEW E085Z5-D Brand

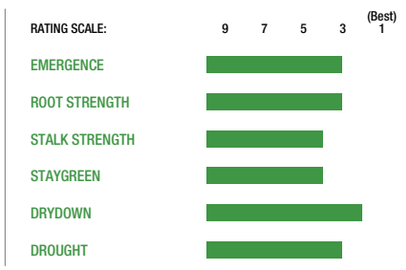
FIELD FORGED SERIES

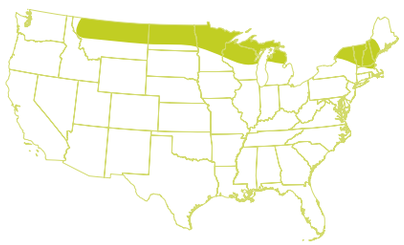
NEW

RM 85

Provides great yield potential with a consistent, well-placed ear

- Adaptable to most soil types, including drought-prone soils
- Strong emergence and early-season vigor offer a fast start out of the ground
- Consistent ear that dries down and allows Northern movement





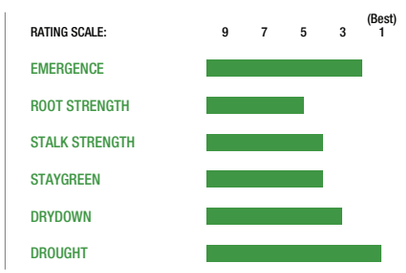
Duracade

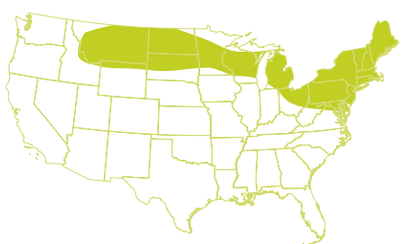
E092W5 • E092W5-D Brand

RM 92

Dominating performance with Artesian technology

- Maximizes yield when it rains; increases yield potential when it doesn't
- Strong emergence and seedling vigor for a fast start
- Broad adaptation across all soils and yield environments





Duracade | Artesian

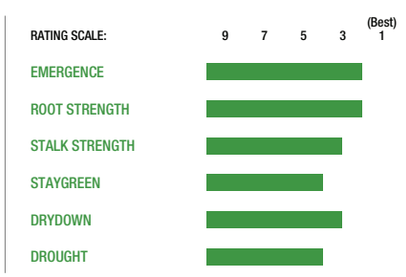
E094Z4 • NEW E094Z4-D Brand

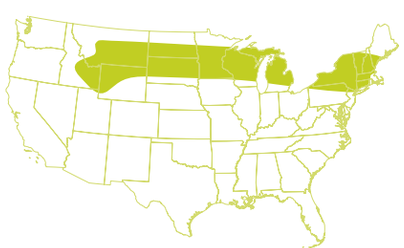
NEW

RM 94

Solid yield potential with versatility across changing soil types

- Taller plant type with moderate ear height and ear flex
- Very strong roots and solid stalks
- Outstanding emergence leads to a fast start





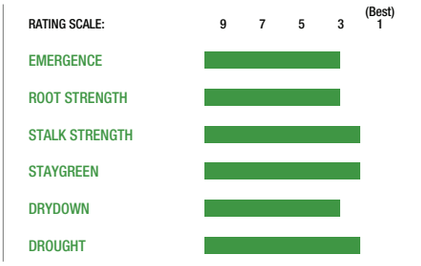
Duracade

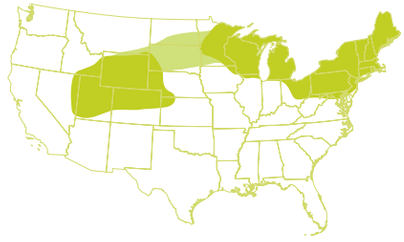
E095D3 • E095D3-D Brand

RM 95

Diverse genetics with exciting yield potential

- Broad adaptation across yield environments
- Superb stalks for season-long standability
- Solid agronomics for continuous corn acres





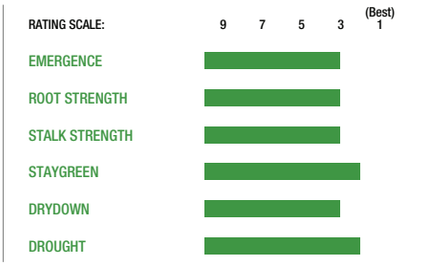
Duracade

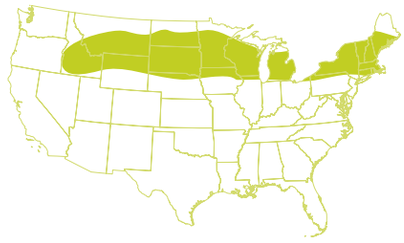
E100A3 • E100A3-D Brand

RM 100

High yield potential, dual-purpose hybrid combined with excellent nutritional value

- Strong agronomics that allow for movement across many environments
- Very good performance across all soil types
- Semi-flex ear type with sound agronomics for population flexibility

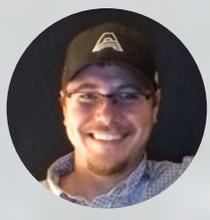




Duracade

We started planting more Enogen every year. The feed efficiency was better, and therefore the cost of gain was lower. I talked to my nutritionist about switching to Enogen. They're a believer in it."

COLE BAKER | FARMER
ASHTON, NEBRASKA



E105Z5

• NEW E105Z5-D Brand

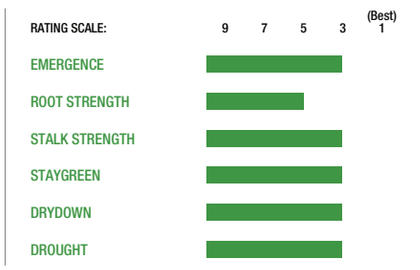
FIELD FORGED SERIES

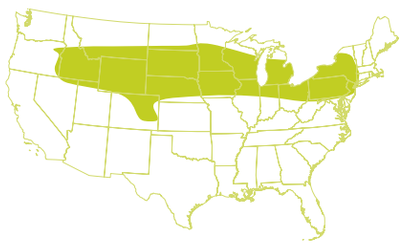
NEW

RM 105

Exceptional dual-purpose Enogen hybrid with outstanding drought tolerance

- Excellent drought and green snap tolerance
- Strong emergence to allow for early planting
- Dependable disease package for season-long protection





Duracade

E107C1

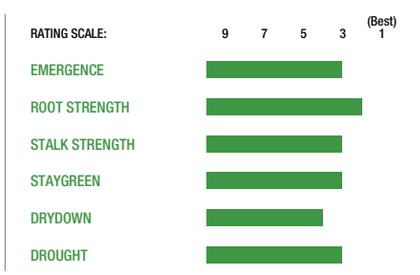
• E107C1-D Brand

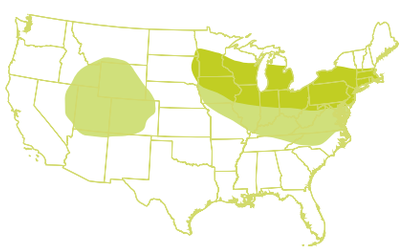
FIELD FORGED SERIES

RM 107

Lead Enogen hybrid for the Central and Eastern silage markets

- Excellent choice for continuous corn acres
- Stable performance with good heat stress tolerance
- Characteristics built for the silage market





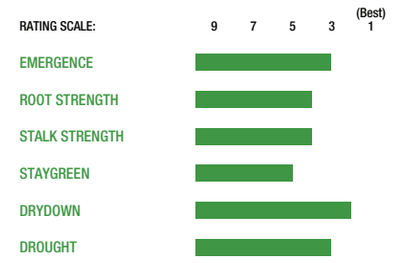
Duracade

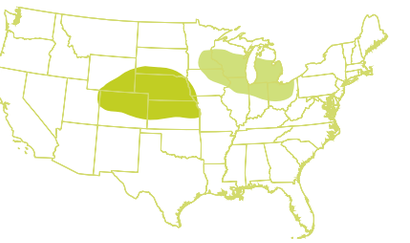
E110F4 • E110F4-D Brand

RM 110

Robust Enogen hybrid may enhance feed efficiency

- Outstanding disease package for optimal performance
- Excellent tolerance to green snap with good stalk strength
- Great flexibility for various soil types and crop rotation





Duracade

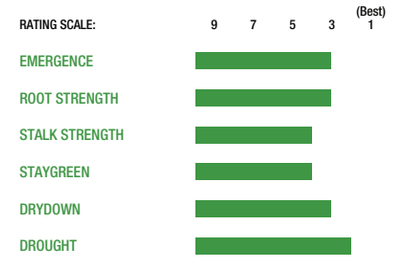
E111V7 • E111V7-D Brand

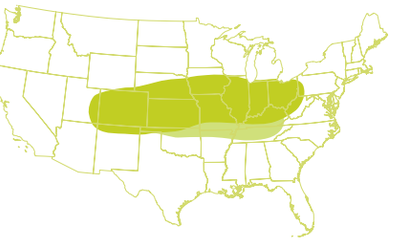
FIELD FORGED SERIES

RM 111

Versatility across soil types combined with strong drought tolerance

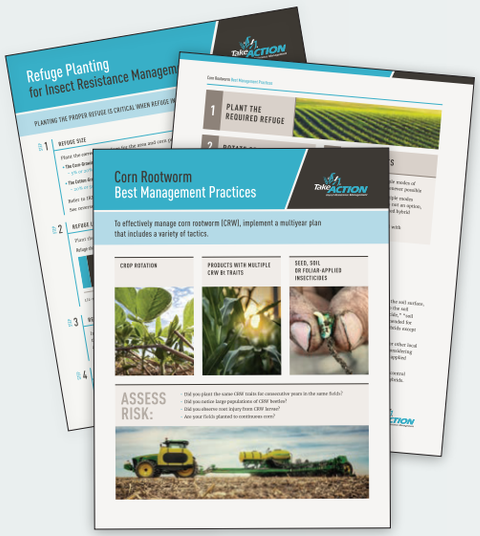
- Excellent yield potential across all environments
- Fast drydown and good grain quality
- Dependable emergence in stress environments





Duracade

TAKE ACTION PROGRAM AND REFUGE LOOKUP



Take Action Insect-Resistance Management is a ***farmer-focused educational platform*** designed to help farmers implement best stewardship practices that reduce the chances of crops developing insect resistance.

Take Action is an industry-wide partnership of the National Corn Growers Association, Agricultural Biotechnology Stewardship Technical Committee, seed biotech companies — including Syngenta — and commodity organizations to ***provide resources and tools to help farmers plan*** how to implement ***best management practices*** and how to meet minimum refuge requirements on their farms.

To find out how you can take action, visit iwilltakeaction.com/insects.

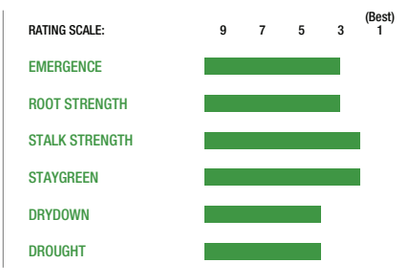
The Agriculture Biotechnology Stewardship Technical Committee, National Corn Growers Association and all other Take Action partners neither recommend nor discourage the implementation of any advice contained herein and are not liable for the use or misuse of the information provided.

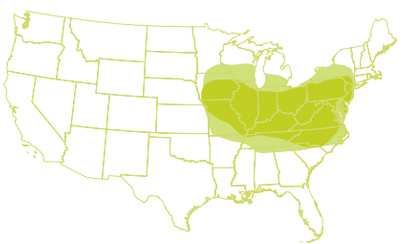
E112S5 • E112S5-D Brand

RM **112**

Outstanding stalks for late-season standability

- Very good staygreen and late-season intactness
- Strong disease tolerance to Northern Corn Leaf Blight and Gray Leaf Spot
- Good ear flex that provides population flexibility





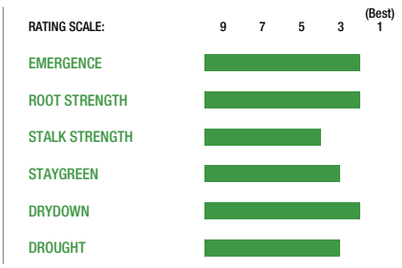
Duracade

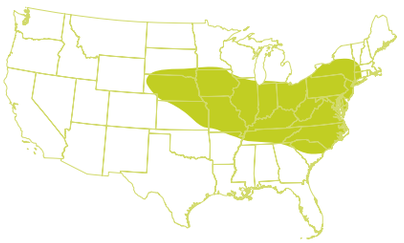
E113Z5 • E113Z5-D Brand

RM **113**

Excellent emergence and solid early vigor

- Good disease tolerance
- Excellent drydown for ease of harvest
- Performs well under a wide range of populations





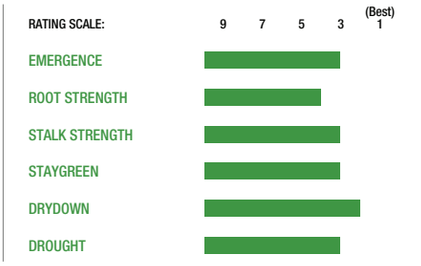
Duracade

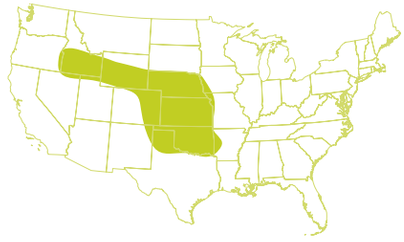
E114Z4 • NEW E114Z4-D Brand

NEW RM **114**

Strong yield performance with versatility across environments

- Superb drydown for ease of harvest
- Strong plant health package with attractive plant type
- Dependable emergence and seedling vigor for early planting





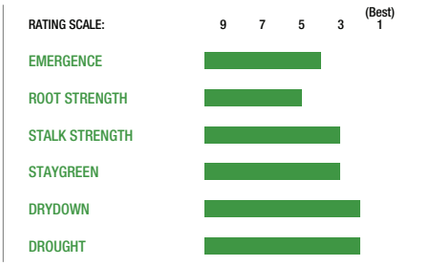
Duracade

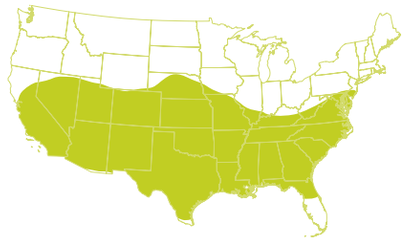
E116K4 • E116K4-3000GT Brand

RM **116**

Superior yield potential for the stress acre

- Well adapted to drought-prone soils
- Flex ear type allows for population management under stress conditions
- Stable plant and ear height across rolling stress environments



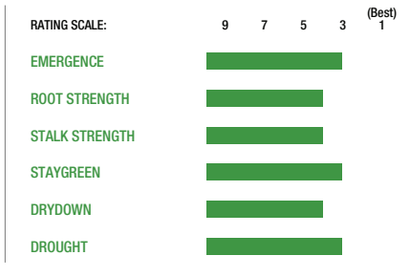


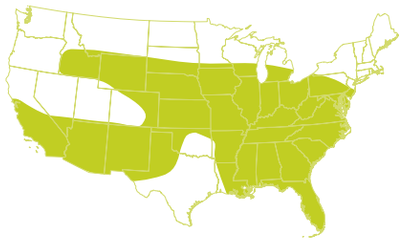
E117Z7 • NEW E117Z7-D Brand

FIELD FORGED SERIES | NEW | RM 117

Robust plant type with outstanding dual-purpose potential

- Dependable staygreen with moderate drydown
- Strong emergence with outstanding vigor for early-planted acres
- Broadly adapted genetics with excellent silage tonnage potential





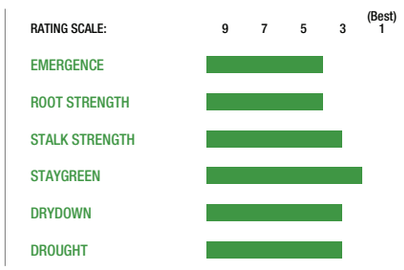
Duracade

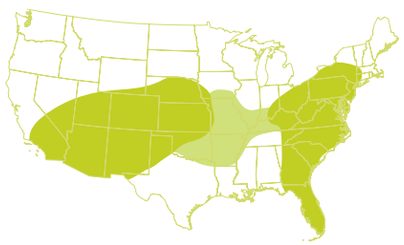
E118D8 • E118D8-3000GT Brand

RM 118

Broadly adapted with a complete agronomic package

- Strong choice for highly productive irrigated and dryland systems
- Tall plant type with good stalks for improved standability
- Great plant health and staygreen to promote late-season intactness





The yield is strong, and I have good corn and test weight. As a dairy producer, that's what I'm looking for."

DAVE GOODRICH | FARMER
DEER PARK, WISCONSIN

Maximizing Your Hybrid Investment

We are committed to you seeing the most out of your corn hybrid investment. We have the latest tools and technologies to secure the best placement, and we offer continued agronomic management all season long, so you get the results you need come harvest season.

CORN SOLUTIONS

AGRONOMIC MANAGEMENT

HYBRID RESPONSE TO MANAGEMENT AND PLACEMENT SITUATIONS AND END-USE TRAITS

The Syngenta Agronomy Research program analyzes the agronomic characteristics of Syngenta products to aid in placement and usage in real-world farm situations. With agronomy research locations positioned throughout the Corn Belt, **the annual research answers the "why," "how" and "where" questions of best management practices for our products with:**

- **Uniform testing methodology** to ensure that research results are a reliable prediction of the response farmers will see in their fields.
- Multi-year compilations to provide tremendous insight into **specific management tactics** for each product, so that farmers can maximize the potential for profit on their farms.

The agronomic management charts that follow list the hybrid performance characteristics collected from results of these studies.

NK CORN

BRAND	MATURITY	AGRONOMIC MANAGEMENT AND PLACEMENT TRAITS													END-USE TRAITS			
		SEEDING RATE (×1,000K)					CHARAC-TERISTICS		ADAPTATION TO SOIL TYPES AND YIELD ENVIRONMENTS									
NK Hybrid Series	Relative Maturity	150 Bu	190 Bu	220 Bu	260 Bu	300 Bu	Root Strength	Stalk Strength	Continuous Corn	Drought Prone	High-pH Performance	Highly Productive	Variable	Poorly Drained	Nitrogen Response	Starch	Protein	Oil	Beef Feed-to-Gain
NK8005	80	26.0	29.5	30.5	32.0	33.0	3	3	G	B	G	G	B	G	G	G	G	F	P
NEW NK8232	82	30.5	32.5	34.0	36.0	38.0	3	3	G	B	G	G	B	B	-	G	G	G	G
NK8519	85	22.0	27.0	32.0	37.0	40.0	4	3	B	B	F	B	B	G	B	G	G	F	B
NEW NK8558	85	31.5	32.5	34.0	35.0	36.5	3	4	F	G	G	B	G	G	-	G	G	G	G
NK8618	86	24.5	29.5	34.5	40.0	44.0	3	2	G	B	F	B	B	B	G	B	F	F	G
NK8760	87	20.0	25.5	29.0	31.5	34.0	3	4	G	B	G	B	B	G	-	G	G	G	F
NEW NK9021	90	26.0	28.0	29.5	31.5	33.5	3	4	G	G	G	B	G	G	-	G	G	G	G
NEW NK9044	90	30.5	31.5	32.0	33.5	34.5	4	3	G	G	G	B	B	B	-	G	G	G	G
NK9175	91	24.0	29.0	30.5	32.5	34.0	5	4	F	B	F	B	B	G	-	G	P	G	G
NK9231	92	19.5	25.0	28.5	31.0	33.5	5	3	B	B	G	G	B	F	-	G	F	P	F
NK9347	93	26.0	32.0	33.5	35.0	36.5	3	2	G	G	F	B	B	B	-	F	G	G	G
NK9535	95	24.5	28.0	31.0	34.5	38.0	3	2	G	B	G	B	B	B	G	B	G	G	G
NEW NK9771	97	30.5	33.0	34.5	37.0	39.5	3	3	G	G	B	B	G	G	-	G	G	G	G
NEW NK9832	98	30.5	32.0	33.0	34.5	36.0	3	4	G	G	G	B	B	G	-	G	G	G	G
NK9991	99	26.0	33.0	34.0	35.0	36.0	2	3	G	G	G	B	G	B	-	G	G	F	F
NK0007	100	21.0	25.0	29.5	33.5	37.5	2	3	B	G	G	B	B	B	-	B	F	G	F

BRAND	MATURITY	AGRONOMIC MANAGEMENT AND PLACEMENT TRAITS													END-USE TRAITS			
		SEEDING RATE (×1,000K)					CHARAC-TERISTICS		ADAPTATION TO SOIL TYPES AND YIELD ENVIRONMENTS									
NK Hybrid Series	Relative Maturity	150 Bu	190 Bu	220 Bu	260 Bu	300 Bu	Root Strength	Stalk Strength	Continuous Corn	Drought Prone	High-pH Performance	Highly Productive	Variable	Poorly Drained	Nitrogen Response	Starch	Protein	Oil	Beef Feed-to-Gain
NK0243	102	28.5	32.5	35.5	38.0	41.0	3	2	G	B	F	B	B	B	G	G	G	B	B
NEW NK0295	102	31.0	32.5	34.0	35.5	37.5	3	3	G	G	G	B	G	G	-	G	G	G	G
NK0314	103	17.0	21.5	26.5	32.0	37.0	3	4	G	G	G	G	G	G	-	F	G	F	P
NK0330	103	21.5	24.5	28.0	31.5	35.0	4	4	F	B	F	B	B	F	G	G	F	B	G
NEW NK0367	103	30.0	30.5	31.0	31.5	32.0	3	3	G	G	F	G	G	G	-	G	G	G	G
NK0440	104	26.0	28.5	30.5	32.5	34.5	5	3	G	G	P	B	B	G	B	B	F	F	B
NK0472	104	20.5	25.5	31.0	36.0	41.0	2	2	G	G	G	B	G	B	B	G	G	B	F
NK0696	106	19.0	24.0	27.0	29.5	35.0	2	3	G	F	G	G	B	B	F	B	P	P	G
NK0748	107	19.0	24.0	27.0	30.5	35.0	3	3	G	G	G	B	G	G	-	F	F	B	G
NK0760	107	20.5	25.0	29.5	34.0	38.5	3	2	G	B	P	B	B	G	G	G	F	B	B
NEW NK0798	107	31.0	34.0	36.5	39.5	42.5	3	3	B	F	F	G	G	F	-	F	G	G	G
NK0821	108	24.0	27.0	30.0	33.0	36.0	3	3	B	B	F	B	B	G	-	G	F	B	G
NEW NK0835	108	31.5	33.0	34.0	35.5	36.5	3	3	B	F	F	B	G	G	-	G	G	G	G
NK0877	108	28.5	33.5	36.0	39.0	41.5	2	2	G	B	G	F	G	G	-	B	G	P	G
NEW NK0922	109	29.0	31.0	32.0	34.0	36.0	4	4	G	B	G	B	B	G	-	G	G	G	G
NK0962	109	23.5	26.0	28.5	31.0	34.0	4	4	F	B	P	B	B	G	G	G	G	B	F
NEW NK1040	110	31.0	32.5	33.5	34.5	36.0	2	3	B	G	F	B	G	G	-	G	G	G	G
NK1082	110	25.5	30.5	32.0	33.0	34.5	5	4	G	B	F	B	G	G	-	G	F	G	G
NK1188	111	26.5	29.0	31.0	33.5	35.5	3	4	G	G	G	G	B	G	-	B	G	P	F
NK1239	112	24.0	27.0	30.0	33.0	35.5	3	2	B	P	F	B	B	B	-	G	G	F	G
NEW NK1333	113	30.5	32.0	33.5	35.0	36.5	2	2	B	F	F	G	B	G	-	G	G	F	G
NK1349	113	19.0	24.0	27.0	29.5	33.0	3	2	G	G	G	G	F	G	-	F	F	G	-
NK1354	113	27.5	31.0	33.0	35.0	37.0	2	4	G	F	G	B	B	B	-	B	F	P	B
NK1364	113	26.0	28.5	29.5	31.0	32.0	5	4	B	G	G	B	G	F	P	F	G	F	B
NEW NK1402	114	30.5	31.5	32.5	33.5	35.0	2	2	G	G	G	F	F	F	-	G	G	G	G
NK1452	114	22.0	28.0	32.0	35.0	37.0	2	3	B	G	F	B	B	B	F	G	F	G	B
NK1460	114	24.5	27.0	30.0	32.5	35.0	2	4	G	G	G	B	G	B	-	B	F	F	B
NEW NK1480	114	30.0	32.0	33.5	35.4	37.0	3	4	G	G	F	G	G	F	-	G	G	G	G
NK1523	115	25.5	29.0	32.0	35.0	38.0	2	3	F	G	G	B	B	B	B	G	G	P	G
NK1573	115	26.0	30.5	31.5	32.5	34.0	3	4	G	F	B	B	G	G	G	B	F	G	B
NK1661	116	27.5	32.0	32.5	33.0	33.5	2	2	G	B	G	B	B	B	-	B	F	P	F
NK1677	116	26.0	29.0	30.5	32.0	33.5	3	2	G	F	F	B	G	G	-	F	G	B	F
NK1694	116	22.0	28.0	32.0	35.0	37.0	5	3	G	B	P	B	B	F	B	G	F	G	G
NK1701	117	20.5	26.0	29.5	32.0	34.5	3	3	G	F	G	G	G	B	-	B	F	P	G
NK1748	117	24.0	26.0	28.0	30.0	32.0	2	3	B	G	G	G	B	G	B	F	G	B	F
NK1755	117	21.0	26.5	30.5	33.0	35.5	4	4	F	F	B	B	G	F	-	G	G	G	G
NK1808	118	26.0	30.0	32.0	33.5	35.5	4	3	B	G	G	B	G	G	G	G	B	F	F
NK1838	118	29.0	29.5	30.0	30.5	31.5	3	3	G	G	G	B	B	G	-	-	-	-	-

Agronomy ratings are based on statistically analyzed results of studies conducted by Syngenta and are relative to other hybrids within the same maturity group.

= Field Forged Series

CHARACTERISTICS
1 = Best
9 = Worst
- = Not Available

ADAPTATION AND RESPONSES
B = Best
G = Good
F = Fair
P = Poor
- = Not Available

DROUGHT
Artesian® water-optimized hybrid

See next page for general interpretation of hybrid response to management and placement situations and end-use traits.

AGRONOMIC MANAGEMENT

ENOGEN CORN

BRAND	MATURITY	AGRONOMIC MANAGEMENT AND PLACEMENT TRAITS														END-USE TRAITS			
		SEEDING RATE (×1,000K)					CHARAC-TERISTICS		ADAPTATION TO SOIL TYPES AND YIELD ENVIRONMENTS										
Enogen Hybrid Series	Relative Maturity	150 Bu	190 Bu	220 Bu	260 Bu	300 Bu	Root Strength	Stalk Strength	Continuous Corn	Drought Prone	High-pH Performance	Highly Productive	Variable	Poorly Drained	Nitrogen Response	Starch	Protein	Oil	Beef Feed-to-Gain
E080Q1	80	26.0	29.5	30.5	32.0	33.0	3	3	G	B	G	G	B	G	G	G	G	F	P
NEW E085Z5	85	31.5	32.5	34.0	35.0	36.5	3	4	F	G	G	B	G	G	-	G	G	G	G
E092W5	92	24.0	29.0	30.5	32.5	34.0	5	4	F	B	F	B	B	G	-	G	P	G	G
NEW E094Z4	94	26.0	28.0	29.5	32.0	34.0	2	3	G	G	G	B	B	G	-	-	-	-	-
E095D3	95	24.5	28.0	31.0	34.5	38.0	3	2	G	B	G	B	B	B	G	B	G	G	G
E100A3	100	24.0	28.5	31.5	34.0	37.0	3	3	B	B	G	B	B	G	-	B	F	P	B
E105T1	105	23.0	27.0	30.0	34.0	38.5	5	2	G	B	G	B	B	B	B	B	F	F	G
NEW E105Z5	105	26.0	28.0	30.0	33.0	34.0	5	3	G	G	F	F	G	F	-	-	-	-	-
E107C1	107	26.0	32.0	33.5	35.5	37.5	2	3	G	G	P	F	G	G	-	G	F	F	G
E110F4	110	26.0	30.0	33.0	33.0	35.0	4	4	F	F	G	G	G	G	-	G	F	P	B
E111V7	111	26.5	29.0	31.0	33.5	35.5	3	4	G	G	G	G	B	G	-	B	G	P	F
E112S5	112	24.0	27.0	30.0	33.0	35.5	3	2	B	P	F	B	B	B	-	G	G	F	G
E113Z5	113	27.5	31.0	33.0	35.0	37.0	2	4	G	F	G	B	B	B	-	B	F	P	B
NEW E114Z4	114	24.0	26.0	30.0	32.0	35.0	4	3	F	G	F	B	G	G	-	-	-	-	-
E116K4	116	22.0	28.0	32.0	35.0	37.0	5	3	G	B	P	B	B	F	B	G	F	G	G
NEW E117Z7	117	26.0	28.0	30.0	33.0	34.0	4	4	G	G	G	B	B	G	-	-	-	-	-
E118D8	118	26.0	30.0	32.0	33.5	35.5	4	3	B	G	G	B	G	G	G	G	B	F	F

Agronomy ratings are based on statistically analyzed results of studies conducted by Syngenta and are relative to other hybrids within the same maturity group.

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1 = Best
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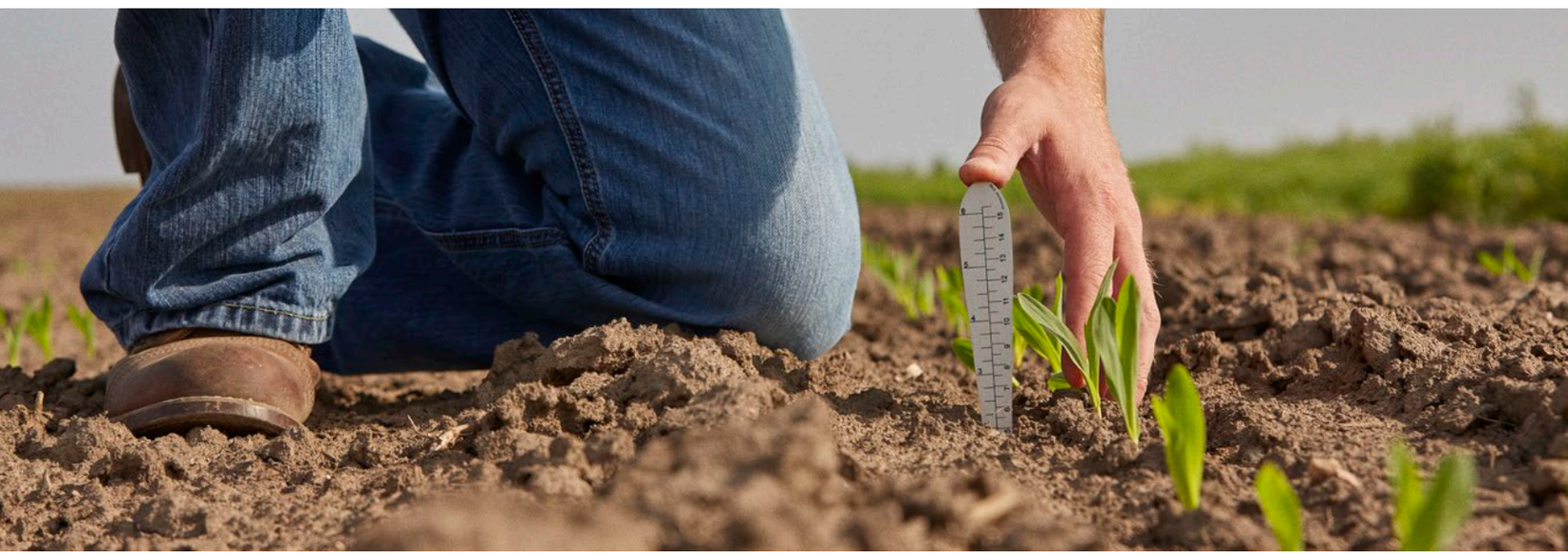
DROUGHT
Artesian® water-optimized hybrid



GENERAL INTERPRETATION OF HYBRID RESPONSE TO MANAGEMENT AND PLACEMENT SITUATIONS AND END-USE TRAITS

Seeding Rate (×1,000K): Provides an approximate economically optimal recommendation for seeding rate in a range of yield environments. Your specific growing conditions and practices may require further adjustment.

Adaptation to Soil Types and Yield Environments: Ratings and soil type classifications are based on interpretation of studies conducted by Syngenta.

Continuous Corn: Favorable ratings in this column indicate hybrids containing multiple agronomic phenotypic traits deemed important for fields where corn is being cultivated for consecutive years. Two key criteria are used to determine continuous corn crop rotation hybrid ratings:

1. *Continuous corn yield retention data, calculated by comparing each hybrid's yield potential in a continuous corn rotation versus a corn-on-soybean rotation, which was then compared with the average continuous corn yield retention potential of all hybrids tested.*

2. *Hybrid agronomic characteristics, including early-season vigor, root characteristics and disease tolerance.*

High-pH Performance: Ratings represent an assessment of stand establishment, chlorosis severity and yield performance.

Nitrogen Response: Nitrogen is a key element for yield potential and plant health. To help farmers get the most potential out of their corn acres, our agronomic research team provides Hybrid Nitrogen Response Ratings. To determine the ratings, hybrids were evaluated in both a nitrogen stress environment and a non-limiting nitrogen environment and then categorized according to relative response compared with other hybrids.

End-Use Traits: The Corn Hybrid Grain End-Use Ratings provide information that can help farmers who produce corn for livestock, the ethanol industry or other grain end uses where grain quality can be just as important as grain yield. Ratings are supported by collecting grain samples from internal company trials and sending them to an independent laboratory for protein, oil and starch analysis.

Beef Feed-to-Gain: Feed-to-gain is the average weight of food needed for each pound of animal weight gain. Lower feed-to-gain values are more desirable because animals consume less feed to produce the same amount of weight gain, potentially resulting in lower food input cost.

PROTECT AND PRESERVE

A strong stewardship program is essential for protecting and preserving the long-term value of insect-protected trait technology. Syngenta provides responsible agriculture programs and information regarding the safe handling and storage of product.

STEWARDSHIP REQUIREMENTS

Prior to planting corn hybrids with Syngenta traits, you are required to sign a Syngenta Seeds LLC Stewardship Agreement. This agreement outlines the terms and conditions of growing hybrids with Syngenta traits, including hybrid and trait packages that may have different Insect Resistance Management (IRM) and grain channeling requirements. **The deadline to send all completed agreements to Syngenta is June 30, annually.**

Agreements can be sent using the following four methods:

ONLINE
agcelerate.com
Register for an account or log in to an existing account and then electronically sign the agreements that are necessary to use your seed.
For support using the AgCelerate tool, please call AgCelerate Customer Service at 1-866-784-4630.

Electronic signatures will be accepted only through agcelerate.com. Any other forms of electronic signatures will be rejected.

EMAIL
agreements@agdata.com

FAX
1-704-919-5581

MAIL
AgCelerate
ATTN: Stewardship
P.O. Box 221679
Charlotte, NC 28222-1678

Use only one method; originals are not required. It is important that you keep a copy of the Syngenta Seeds LLC Stewardship Agreement for your records. If you have questions regarding the Stewardship Agreement or how to submit the form, please call 877-GRO-CORN (877-476-2676).

CORN REFUGE REQUIREMENTS

It is important to recognize that different hybrid or trait packages may have different IRM requirements. On-farm mixing of any seed is not an approved method to comply with stewardship requirements.

	TRAIT STACK	SIZE REQUIREMENT (CORN-GROWING REGION)[1]	SIZE REQUIREMENT (COTTON-GROWING REGION)[1]
ABOVE- AND BELOW-GROUND TRAIT STACKS	DuracadeViptera™	5% in the bag E-Z Refuge® seed E-Z Refuge	20% supplemental refuge[2]
	Duracade®		
	Agrisure® Total		
	Agrisure Viptera® 3111	20% in field/adjacent	20% in field/adjacent
ABOVE-GROUND TRAIT STACKS	Viptera®	5% in the bag E-Z Refuge seed E-Z Refuge	20% supplemental refuge[2]
	Agrisure® Above		
	Agrisure Viptera® 3110	20% within, adjacent or up to ½ mile away	20% within, adjacent or up to ½ mile away

TAKE CONTROL OF CORN ROOTWORM

Long-term Corn Rootworm (CRW) management is not a one-size-fits-all solution. It requires a multiyear, field-by-field approach. To be truly effective, farmers need to ***integrate multiple control strategies***.

CROP ROTATION

- Rotating to a non-host crop, such as soybeans, will quickly lower CRW field populations and is highly effective at reducing risk of insect adaptation.

TRAIT STACKS WITH MULTIPLE CRW TRAITS

- **DuracadeViptera™ trait stacks** are available with multiple CRW traits for excellent control.

Duracade Viptera | Duracade | Agrisure Total

SOIL-APPLIED INSECTICIDE

Force 6.5G

Force Evo

- **The Force® brand** of soil insecticides, when used in combination with CRW-traited hybrids, **maximizes yield** potential.
- Secondary insects or other agronomic reasons may influence the decision to use soil insecticide.

FOLIAR INSECTICIDE

Warrior II with Zeon Technology®

- Minimize egg laying from adult CRW females.
- Facilitate proper pollination by preventing silk clipping.

SEED TREATMENTS

- **CruiserMaxx® Corn 1250** seed treatment or **Avicta® Complete Corn 250** control early-season insects and seedborne and soilborne diseases.
- Both offering a higher rate of thiamethoxam for **enhanced CRW and billbug protection**.

CruiserMaxx® Corn 1250 | Avicta® Complete Corn 250

Contact your Syngenta representative to discuss a plan for managing Corn Rootworm in your operation.

[1] THE FOLLOWING STATES AND COUNTIES ARE CONSIDERED CORN-GROWING AREAS: AK, AZ, CA, CO, CT, DE, HI, ID, IL, IN, IA, KS, KY, ME, MD, MA, MI, MN, MO (all counties except Dunklin, New Madrid, Pemiscot, Scott and Stoddard), MT, NE, NV, NH, NJ, NM, NY, ND, OH, OK (all counties except Beckham, Caddo, Comanche, Custer, Greer, Harmon, Jackson, Kay, Kiowa, Tillman and Washita), OR, PA, RI, SD, TN (all counties except Carroll, Chester, Crockett, Dyer, Fayette, Franklin, Gibson, Hardeman, Hardin, Haywood, Lake, Lauderdale, Lincoln, Madison, Obion, Rutherford, Shelby and Tipton), TX (only the counties of Carson, Dallam, Hanford, Hartley, Hutchinson, Lipscomb, Moore, Ochiltree, Roberts and Sherman), UT, VT, VA (all counties except Dinwiddie, Franklin City, Greensville, Isle of Wight, Northampton, Southampton, Suffolk City, Surrey and Sussex), WA, WV, WI and WY. THE FOLLOWING STATES AND COUNTIES ARE CONSIDERED COTTON-GROWING AREAS: AL, AR, FL, GA, LA, MO (only the counties of Dunklin, New Madrid, Pemiscot, Scott and Stoddard), MS, NC, OK (only the counties of Beckham, Caddo, Comanche, Custer, Greer, Harmon, Jackson, Kay, Kiowa, Tillman and Washita), SC, TN (only the counties of Carroll, Chester, Crockett, Dyer, Fayette, Franklin, Gibson, Hardeman, Hardin, Haywood, Lake Lauderdale, Lincoln, Madison, Obion, Rutherford, Shelby and Tipton), TX (all counties except Carson, Dallam, Hanford, Hartley, Hutchinson, Lipscomb, Moore, Ochiltree, Roberts and Sherman) and VA (only the counties of Dinwiddie, Franklin City, Greensville, Isle of Wight, Northampton, Southampton, Suffolk City, Surrey and Sussex).

[2] Assumes a common corn borer and rootworm refuge. Alternatively, a separate rootworm refuge within or adjacent to the field and a corn borer refuge up to a half mile away could be planted.

Avicta Complete Corn 250, Force, Force Evo, Force CS, Force 3G, Force 6.5G and Warrior II with Zeon Technology are Restricted Use Pesticides.
For use by certified applicators only. Growers planting Avicta treated seed are not required to be certified applicators. Avicta technology is protected by U.S. Patent No. 6,875,727. Avicta® Complete Corn 1250 is an on-seed application of Avicta Complete Corn 250 in combination with sufficient Cruiser® 5FS to deliver 1.25 mg a.i./seed of insecticide. CruiserMaxx Corn 1250 is an on-seed application of Cruiser 5FS insecticide delivered at the 1.25 mg a.i./seed rate and Maxim Quattro fungicide.

STEP UP CORN PROTECTION

PROTECT YOUR CORN INVESTMENT WITH LEADING CROP PROTECTION

Acuron®

The season-long herbicide that outperforms and outyields all other corn herbicides.

- Includes four active ingredients: atrazine, *S*-metolachlor, mesotrione and the unique component bicyclopyrone.
- Unmatched burndown and residual control of 70+ grass and broadleaf weeds.
- A 5 to 15 Bu/A yield advantage against competitive herbicides when applied preemergence at the full label rate.[1]

Trivapro®

The hardest-working, longest-lasting fungicide.

- Three robust active ingredients — SOLATENOL® technology, azoxystrobin and propiconazole.
- Plant health benefits can help yield potential under high or low disease pressure.
- A proven 14.0 Bu/A average yield increase in corn treated with Trivapro® fungicide versus untreated.[2]

Miravis® Neo

Broader-spectrum disease control for a cleaner, greener crop you can see.

- Combination of ADEPIDYN® technology, azoxystrobin and propiconazole.
- Sets the standard in its class for broad-spectrum disease control and plant health.
- Helps crops reach full yield potential and stay healthier longer.

Acuron® GT

The ultimate post-emergence plus residual corn herbicide.

- The only glyphosate premix with bicyclopyrone.
- Faster knockdown, enhanced control and longer-lasting residual.
- Controls more than 90 yield-robbing grass and broadleaf weeds.

Acuron is a Restricted Use Pesticide.

[1] Acuron yield advantage based on 2016 Syngenta and university trials comparing Acuron to Corvus®, Resicore®, SureStart® II and Verdict® herbicide applied pre-emergence and at full label rates.

[2] Based on data from 368 non-replicated strip trials in AR, IA, IL, IN, KS, MN, MO, NE, SD and WI from 2016-2020.

OPTIMIZE PERFORMANCE FROM THE START

WITH PREFERRED SEED TREATMENTS

Start your season with ***greater peace of mind*** by protecting your corn from early-season plant pressures. The Syngenta portfolio of seed treatments is backed by world-class science and ***innovative crop solutions*** through the The Seedcare Institute™, supported by our network of experts and ***proven to perform*** through state-of-the-art testing.

Avicta® Complete Corn 250

The most comprehensive seed treatment option.

- Instant protection against early-season nematodes, insects and disease.
- Improved plant stand, vigor and yield potential.
- Consistent performance, even under variable soil pH, temperature and moisture levels.

CruiserMaxx® Vibrance® Corn

The insecticide and fungicide seed treatment with enhanced root health.

- Broad-spectrum, superior action against early-season insects with seed- and soil-borne disease protection.
- A third mode of action against *Rhizoctonia*.
- Comprehensive early-season insect and disease protection for healthy, vigorous seedlings, the strongest root system possible and the highest potential yields.

Vayantis®

Reinforce your *Pythium* protection.

- An extremely powerful and novel mode of action with no cross-resistance to existing oomycete chemistries — effective against all known *Pythium* species.
- The most robust *Pythium* protection ever provided by a seed treatment, compared with the existing protection molecules metalaxyl or ethaboxam.
- Increased seed germination, emergence and improved plant stand uniformity across variable soil types and environmental conditions

Learn more about our mission to provide you with better, more high-performing solutions. **SyngentaSeedcare.com**

Avicta Complete Corn 250 is a Restricted Use Pesticide. For use by certified applicators only. Farmers planting Avicta-treated seed are not required to be certified applicators. Avicta technology is protected by U.S. Patent No. 6,875,727. Avicta Complete Corn is an on-seed application of Avicta Complete Corn 250 alone or in combination with sufficient Cruiser 5FS insecticide to deliver 0.50 or 1.25 mg AI/seed insecticide.

CruiserMaxx Vibrance Corn is an on-seed application of Cruiser 5FS insecticide delivered at the 0.25, 0.50 or 1.25 mg AI/seed rate and Vibrance Cinco or MAXIM Quattro and Vibrance fungicides.

The Top Choice for Your Acre

More than 5 million soybean acres in the U.S. are NK soybeans. And we're not surprised. With consistent yield potential, flexible management and top herbicide trait choices, NK soybeans have continued to prove themselves as top performers, and they remain a trusted staple with a place in any soybean lineup.

Enlist E3® SOYBEANS

+

XTENDFLEX® SOYBEANS

SOYBEAN VARIETIES

HISTORY OF SUCCESS

With more than ***50 years of breeding experience*** and strong agronomics to protect yield potential in tough environments, our varieties are ***proven to perform***.

Through the Syngenta R&D engine, we have automated, high-speed phenotyping, larger plots, multi-year testing and the latest technology to contribute to intense product characterization.
All faster than ever before.

BEST-IN-CLASS FACILITIES

Syngenta R&D has created an innovation ecosystem with facilities placed strategically across the country.

Research Triangle Park, North Carolina
The first-of-its-kind facility is dedicated to research for yield improvements, increased crop value and fighting off stresses. By stimulating real-life scenarios in its “Acre Under Glass,” we’re able to advance new technologies and accelerate product commercialization. This offers farmers more solutions to help them protect their yield investment.

Innovation and Customer Experience Center — Malta, Illinois
Our brand-new 100,000-square-foot facility lets farmers experience Syngenta seed innovation firsthand. Through this farmer collaboration, we can now accelerate innovation and transform product development to get them the solutions they need faster than ever.

Trait Introgression Center — Clinton, Illinois
After recently tripling the size of soybean growth rooms with more than 60 acres of the nursery dedicated to soybeans, we can bring the latest trait packages and newest genetics to get from seed to seed in as little as seven weeks.

SEED TO SEED IN SEVEN WEEKS

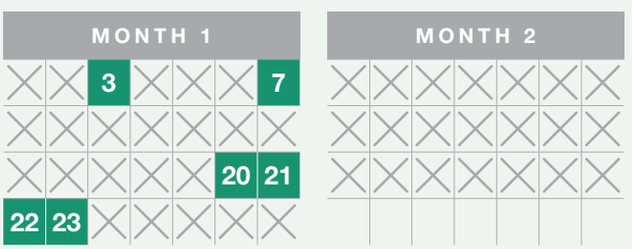
With state-of-the-art trait conversion, we're bringing the latest trait packages to market with the newest genetics bred to perform and optimized seed testing and development.

- **Year-round trait introgression** with simulated growing conditions.
- Removes unnecessary stages and **accelerates introgression of new traits** into high-performing germplasm.
- **Shortens path to commercial varieties** from the typical six to seven years — to as little as three years.

DAY 3: Traited seedlings emerge.

DAY 7: DNA analysis completed to ensure plant has desired defensive genes and traits.

DAYS 20–23: Fingerprinting is completed. Selected varieties are cross-pollinated.



Environment is adapted to push reproductive growth cycle and achieve first generation of seed rapidly.

The future of seed innovation is now.

SOYBEAN CHARACTERISTICS

Enlist E3® SOYBEANS

BRAND	PRODUCT TRAITS & MATURITY		AGRONOMIC/PLANT CHARACTERISTICS													ADAPTATION TO SOIL TYPES/YIELD ENVIRONMENTS				
NK Soybean Brand	Herbicide-Tolerant Trait	Relative Maturity	Emergence	Canopy/Plant Type	Plant Height	Growth Habit	Standability	Narrow Row	Wide Row	Flower Color	Pubescence Color	Pod Color	Hilum Color	Chloride Sensitivity	Green Stem	Drought Prone	High pH	Highly Productive	Variable	Poorly Drained
NK009-G7E3	E3	0.09	2	M	MS	IND	2	1	2	PUR	GR	TN	YEL	INC	1	B	G	B	B	B
NEW NK02-H6E3	E3	0.2	2	M	MS	IND	3	1	2	PUR	GR	TN	YEL	EXC	1	B	F	B	B	B
NK03-V5E3	E3	0.3	2	MB	MS	IND	3	1	1	PUR	GR	TN	IMB	EXC	2	G	G	B	G	B
NEW NK04-A9E3	E3	0.4	2	M	MS	IND	2	1	2	PUR	GR	TN	YEL	EXC	2	B	G	B	B	G
NK06-D9E3	E3	0.6	3	M	MS	IND	2	1	2	PUR	GR	TN	BF	EXC	3	G	G	G	B	B
NEW NK07-G5E3	E3	0.7	3	M	MS	IND	2	1	2	PUR	GR	TN	BF	INC	2	B	G	G	G	B
NK08-V9E3	E3	0.8	3	M	M	IND	2	1	2	PUR	GR	TN	BF	EXC	3	F	F	B	G	G
NK09-H7E3	E3	0.9	3	MB	MS	IND	2	1	1	PUR	GR	TN	BF	EXC	2	B	F	G	B	B
NEW NK11-A4E3	E3	1.1	2	M	MS	IND	2	1	2	WH	GR	TN	BF	INC	2	G	F	B	B	B
S13-E3	E3	1.3	3	MB	MT	IND	4	2	1	PUR	GR	TN	IMB	INC	3	G	G	B	G	G
NK14-W6E3	E3	1.4	2	M	M	IND	3	1	2	PUR	GR	TN	BF	EXC	1	G	G	B	G	G
NEW NK15-G9E3S	E3/STS	1.5	3	M	MS	IND	2	1	2	PUR	GR	BR	IMB	INC	2	B	P	G	G	B
NEW NK16-Z6E3	E3	1.6	1	MB	M	IND	3	2	1	PUR	GR	TN	IMB	INC	2	B	G	G	G	G
NK18-J7E3	E3	1.8	3	M	MT	IND	3	1	1	PUR	GR	BR	IMB	INC	2	B	G	G	B	G
NK19-T8E3S	E3/STS	1.9	3	M	M	IND	3	2	1	PUR	GR	BR	IMB	INC	2	B	F	B	B	B
NK19-Y5E3	E3	1.9	3	MT	MT	IND	3	1	1	PUR	LTW	BR	BL	-	2	F	G	B	G	G
NK20-B6E3S	E3/STS	2.0	2	MB	S	IND	2	2	1	PUR	GR	TN	IMB	INC	3	F	G	B	G	G
NEW NK21-C2E3	E3	2.1	3	M	M	IND	2	1	1	PUR	GR	BR	IMB	INC	3	G	G	B	B	B
NK22-C4E3	E3	2.2	3	M	M	IND	2	2	1	PUR	GR	BR	IMB	INC	2	G	G	B	B	G
NK24-A2E3S	E3/STS	2.4	3	M	MT	IND	3	1	1	PUR	GR	BR	BF	-	2	B	F	B	B	B
NEW NK26-M6E3	E3	2.6	3	M	M	IND	2	1	1	WH	GR	TN	BF	INC	2	B	F	G	B	B

Some product descriptions and ratings are sourced from the variety's genetic supplier and may change as additional information is gathered.

= Field Forged Series

HERBICIDE-TOLERANT TRAITS
E3 = Enlist E3® Soybean
E3/STS = Enlist E3® Soybean and STS®
XF = XtendFlex®
XF/STS = XtendFlex® and STS®
RR2X = Roundup Ready 2 Xtend®

AGRONOMIC CHARACTERISTICS
1 = Best
9 = Worst
- = Not Available

CANOPY/PLANT TYPE
B = Bush
MB = Medium-Bush
M = Medium
MT = Medium-Thin
T = Thin

PLANT HEIGHT
S = Short
MS = Medium-Short
M = Medium
MT = Medium-Tall
T = Tall

GROWTH HABIT
DET = Determinate
IND = Indeterminate

COLOR ABBREVIATIONS
BF = Buff
BL = Black
BR = Brown
GR = Gray
IMB = Imperfect Black
IMY = Imperfect Yellow
LTW = Light Tawny
PUR = Purple
TN = Tan
TW = Tawny
WH = White
YEL = Yellow

CHLORIDE SENSITIVITY
EXC = Excluder
INC = Includer
- = Not Available

ADAPTATION AND RESPONSES
B = Best
G = Good
F = Fair
P = Poor
- = Not Available

PROTEIN AND OIL
Ratings are based on two-year averages, except in cases where only one year of data is available.

GRAIN QUALITY		DISEASE/PEST RESISTANCE													BRAND
		PHYTOPHTHORA ROOT ROT		SOYBEAN CYST NEMATODE											
% Protein @ 13% mst.	% Oil @ 13% mst.	Gene Resistance	Field Tolerance	Gene Source	Race Resistance	Southern Stem Canker	Root Knot Nematode Incognita	Iron Deficiency Chlorosis	Brown Stem Rot	Charcoal Rot	Soybean White Mold	Pod & Stem Blight	Sudden Death Syndrome	Frogeye Leaf Spot	NK Soybean Brand
33.8	18.4	Rps1c, Rps3a	1	PI88788	MR3, MR14	1	-	3	4	-	5	-	-	-	NK009-G7E3
33.8	18.6	Rps1c, Rps3a	3	PI88788	MR3, MR14	1	-	4	5	-	4	5	-	-	NK02-H6E3 NEW
34.5	18.6	Rps1c	3	PI88788	MR3	1	-	3	3	-	5	7	-	-	NK03-V5E3
32.8	18.8	Rps1c	3	PI88788	MR3, MR14	1	-	3	5	-	6	5	-	-	NK04-A9E3 NEW
34.0	19.0	Rps3a	2	PI88788	MR3	1	-	3	4	-	5	6	2	-	NK06-D9E3
33.2	18.7	Rps1k, Rps3a	1	Peking	MR1, MR3	1	-	3	3	-	4	5	-	-	NK07-G5E3 NEW
34.5	18.3	S	3	PI88788	R3, MR14	-	-	4	-	-	3	2	4	-	NK08-V9E3
34.6	18.8	Rps1k	2	PI88788	MR3, MR14	1	-	4	3	-	5	5	3	2	NK09-H7E3
33.4	20.8	Rps1k, Rps3a	2	PI88788	MR3, MR14	1	-	4	3	-	4	-	4	2	NK11-A4E3 NEW
35.2	18.5	Rps1c	4	PI88788	MR3, MR14	-	-	3	3	-	5	5	4	5	S13-E3
34.3	19.0	Rps1c, Rps3a	4	Peking	MR1, R3, MR5	1	-	3	3	-	5	6	5	5	NK14-W6E3
33.6	19.6	Rps1k	3	Peking	MR1, R3	1	-	5	3	-	4	5	2	4	NK15-G9E3S NEW
34.3	18.6	Rps1c, Rps3a	2	Peking	R1, MR3, MR5	1	-	3	3	-	4	4	3	4	NK16-Z6E3 NEW
34.5	19.4	Rps1c	3	PI88788	R3	1	-	3	3	5	3	6	4	4	NK18-J7E3
33.9	19.4	Rps1k	3	Peking	MR1, MR3, MR5	1	-	4	3	-	4	5	4	4	NK19-T8E3S
33.8	19.5	Rps1k	4	PI88788	R3, MR14	1	-	3	-	-	3	4	3	5	NK19-Y5E3
33.1	20.1	Rps1c	4	PI88788	MR3, R14	-	-	3	4	4	5	2	3	4	NK20-B6E3S
34.0	19.2	Rps1c	2	PI88788	MR3	1	-	3	3	4	3	2	2	4	NK21-C2E3 NEW
33.4	19.8	Rps1c	3	PI88788	R3	1	-	3	3	5	3	4	3	3	NK22-C4E3
33.9	20.4	Rps1a	3	PI88788	R3, MR14	-	-	4	-	-	4	2	4	4	NK24-A2E3S
33.2	20.7	Rps1c	3	PI88788	MR3	-	-	4	5	-	4	-	3	4	NK26-M6E3 NEW

RESISTANCE RATING SYSTEM
Indicates when a variety is resistant to a specific disease or pest. For Soybean Cyst Nematode (SCN), the gene(s) conveying the resistance, race(s) the variety is resistant against, and degree of resistance are specified, when available. For Phytophthora Root Rot, the gene(s) conveying the resistance and general field tolerance rating are listed.

PHYTOPHTHORA ROOT ROT GENE RESISTANCE
The following genes confer resistance to the listed races of *Phytophthora*:
Rps1a = Resistant to races 1, 2, 11, 13-18, 26, 27, 31, 32, 36, 48, 50-52, 54, 55
Rps1c = Resistant to races 1-3, 6-9, 11, 13, 15, 17, 21, 23, 24, 26, 28-30, 32, 34, 36, 41, 42, 44, 48, 50, 52, 54, 55
Rps1k = Resistant to races 1-9, 11, 13-15, 17, 18, 21-24, 26, 36, 37, 42-44, 46-55
Rps3a = Resistant to races 1-5, 8, 9, 11, 13, 14, 16, 18, 23, 25, 27-29, 31-35, 40, 41, 43-45, 47-52, 54
S = Susceptible (no gene-specific tolerance)

PHYTOPHTHORA ROOT ROT FIELD TOLERANCE
Usually not as complete as race-specific resistance, but it offers general protection. Resistance is not expressed in early stages of plant development. Numerical rating scale of 1-9; 1 = Best.

SCN GENE SOURCE
The Peking genes confer varying resistances to certain races of SCN.
S = Susceptible (no gene-specific resistance).
Refer to the "Race Resistances" column for phenotypic (expressed) resistance ratings.

SCN RACE RESISTANCE
1, 3, 5, and/or 14 = SCN race(s) for which resistance is conferred
R = Resistant
MR = Moderately Resistant
S = Susceptible (no gene-specific resistance)
- = Not Available

DISEASE/PEST RESISTANCE
1 = Best
9 = Worst
- = Not Available

SOYBEAN CHARACTERISTICS

Enlist E3® SOYBEANS

BRAND	PRODUCT TRAITS & MATURITY		AGRONOMIC/PLANT CHARACTERISTICS													ADAPTATION TO SOIL TYPES/YIELD ENVIRONMENTS				
NK Soybean Brand	Herbicide-Tolerant Trait	Relative Maturity	Emergence	Canopy/Plant Type	Plant Height	Growth Habit	Standability	Narrow Row	Wide Row	Flower Color	Pubescence Color	Pod Color	Hilum Color	Chloride Sensitivity	Green Stem	Drought Prone	High pH	Highly Productive	Variable	Poorly Drained
S26-E3	E3	2.6	2	M	M	IND	2	1	2	PUR	GR	TN	BF	INC	2	F	G	B	G	G
NEW NK28-B9E3S	E3/STS	2.8	2	MB	M	IND	4	3	1	PUR	GR	BR	IMB	INC	2	G	F	G	B	B
NK29-Z4E3	E3	2.9	2	MB	M	IND	2	1	1	WH	GR	TN	BF	INC	3	B	G	G	G	B
NK30-B2E3	E3	3.0	2	MB	MS	IND	2	1	1	PUR	GR	TN	IMB	EXC	2	G	F	B	G	G
NK31-M7E3	E3	3.1	2	MB	M	IND	3	2	1	WH	GR	TN	BF	INC	3	G	G	G	G	G
NK33-W2E3S	E3/STS	3.3	2	MB	M	IND	2	1	1	PUR	GR	TN	IMB	INC	1	G	P	B	G	B
S35-E3	E3	3.5	2	M	M	IND	2	1	1	PUR	GR	TN	IMB	INC	2	B	P	B	G	G
NK36-H9E3S	E3/STS	3.6	2	M	M	IND	3	1	1	PUR	LTW	BR	BL	-	3	G	P	G	B	G
NEW NK37-C1E3	E3	3.7	2	M	MT	IND	2	1	1	WH	GR	BR	BF	INC	4	G	G	B	B	B
NK37-V4E3S	E3/STS	3.7	2	MB	MT	IND	4	2	1	WH	GR	TN	BF	EXC	2	B	G	G	B	G
NEW NK39-J2E3	E3	3.9	2	MT	MT	IND	2	1	2	PUR	GR	TN	BF	EXC	2	G	G	B	B	B
NK39-T5E3S	E3/STS	3.9	2	MB	T	IND	4	3	1	WH	GR	TN	BF	EXC	2	B	P	G	B	B
NK40-P5E3	E3	4.0	2	M	M	IND	2	1	1	PUR	GR	TN	BF	EXC	2	G	G	B	G	B
NEW NK42-A6E3S	E3/STS	4.2	1	MB	MT	IND	3	2	1	WH	GR	BR	BF	EXC	-	B	F	B	B	B
NK44-Q5E3S	E3/STS	4.4	2	MB	M	IND	4	3	1	WH	GR	BR	BF	INC	3	G	F	B	G	B
S46-E3S	E3/STS	4.6	1	M	T	IND	3	3	1	PUR	GR	BR	IMB	EXC	3	B	F	G	B	G
NK49-T6E3S	E3/STS	4.9	3	MB	MT	IND	3	2	1	WH	GR	BR	BF	EXC	4	G	P	F	G	B
NK52-D6E3	E3	5.2	2	MB	MT	IND	4	3	1	WH	GR	BR	BF	EXC	4	B	F	G	B	B
NK65-H5E3	E3	6.5	2	MB	MS	DET	3	1	3	WH	GR	TN	BF	EXC	4	F	P	G	G	B
NK68-G2E3S	E3/STS	6.8	2	MB	M	DET	2	1	1	PUR	GR	TN	IMB	INC	4	B	F	B	G	B

Some product descriptions and ratings are sourced from the variety's genetic supplier and may change as additional information is gathered.

= Field Forged Series

HERBICIDE-TOLERANT TRAITS
E3 = Enlist E3® Soybean
E3/STS = Enlist E3® Soybean and STS®
XF = XtendFlex®
XF/STS = XtendFlex® and STS®
RR2X = Roundup Ready 2 Xtend®

AGRONOMIC CHARACTERISTICS
1 = Best
9 = Worst
- = Not Available

CANOPY/PLANT TYPE
B = Bush
MB = Medium-Bush
M = Medium
MT = Medium-Thin
T = Thin

PLANT HEIGHT
S = Short
MS = Medium-Short
M = Medium
MT = Medium-Tall
T = Tall

GROWTH HABIT
DET = Determinate
IND = Indeterminate

COLOR ABBREVIATIONS
BF = Buff
BL = Black
BR = Brown
GR = Gray
IMB = Imperfect Black
IMY = Imperfect Yellow
LTW = Light Tawny
PUR = Purple
TN = Tan
TW = Tawny
WH = White
YEL = Yellow

CHLORIDE SENSITIVITY
EXC = Excluder
INC = Includer
- = Not Available

ADAPTATION AND RESPONSES
B = Best
G = Good
F = Fair
P = Poor
- = Not Available

PROTEIN AND OIL
Ratings are based on two-year averages, except in cases where only one year of data is available.

GRAIN QUALITY		DISEASE/PEST RESISTANCE													BRAND
		PHYTOPHTHORA ROOT ROT		SOYBEAN CYST NEMATODE											
% Protein @ 13% mst.	% Oil @ 13% mst.	Gene Resistance	Field Tolerance	Gene Source	Race Resistance	Southern Stem Canker	Root Knot Nematode Incognita	Iron Deficiency Chlorosis	Brown Stem Rot	Charcoal Rot	Soybean White Mold	Pod & Stem Blight	Sudden Death Syndrome	Frogeye Leaf Spot	NK Soybean Brand
31.5	20.5	Rps1k	4	Peking	CMH/P	-	-	3	4	3	4	-	3	4	S26-E3
34.8	19.9	Rps1c	3	PI88788	MR3	-	-	4	3	-	4	-	3	5	NK28-B9E3S NEW
34.7	19.4	Rps1k, Rps3a	4	PI88788	R3	1	-	3	3	4	4	-	3	3	NK29-Z4E3
33.3	20.0	Rps1c, Rps3a	3	PI88788	MR3, MR14	1	-	4	3	3	6	-	3	2	NK30-B2E3
34.7	19.3	Rps1k, Rps3a	4	PI88788	R3	1	-	3	3	4	5	-	3	-	NK31-M7E3
33.5	19.7	Rps1c	3	PI88788	R3, MR14	1	-	5	3	5	4	-	2	4	NK33-W2E3S
33.4	20.1	S	3	PI88788	R3, MR14	1	-	5	3	2	3	-	3	5	S35-E3
35.2	20.8	Rps1k	3	PI88788	R3, MR14	1	-	5	-	-	3	-	2	4	NK36-H9E3S
33.8	19.5	Rps1c, Rps3a	4	PI88788	R3, MR14	1	-	3	3	3	-	-	2	3	NK37-C1E3 NEW
34.1	19.3	Rps1c	3	PI88788	MR3	1	-	3	3	2	-	-	3	2	NK37-V4E3S
34.4	19.6	Rps1c	3	PI88788	MR3, MR14	1	-	3	5	3	-	-	3	2	NK39-J2E3 NEW
34.0	19.7	Rps1c	3	PI88788	R3	1	-	5	3	2	6	-	2	2	NK39-T5E3S
34.6	19.4	Rps1c	3	PI88788	MR3, MR14	1	-	3	3	4	-	-	2	4	NK40-P5E3
34.2	20.3	Rps1c	2	PI88788	MR3	1	4	4	-	-	-	-	2	2	NK42-A6E3S NEW
36.0	18.0	Rps1c	3	PI88788	MR3, MR14	1	2	4	3	3	-	-	2	2	NK44-Q5E3S
35.7	18.7	S	4	PI88788	MR3	1	3	4	3	3	-	-	3	4	S46-E3S
34.5	18.9	S	4	PI88788	R3, MR14	1	5	6	-	4	-	-	4	3	NK49-T6E3S
34.2	19.6	Rps1c	4	PI88788	R3	1	3	4	-	3	-	-	3	2	NK52-D6E3
33.6	19.2	Rps1c	2	PI88788	MR3, MR14	1	3	5	2	-	-	-	3	-	NK65-H5E3
32.1	19.6	S	3	PI88788	R3, MR14	1	3	4	3	-	-	-	4	2	NK68-G2E3S

RESISTANCE RATING SYSTEM
Indicates when a variety is resistant to a specific disease or pest. For Soybean Cyst Nematode (SCN), the gene(s) conveying the resistance, race(s) the variety is resistant against, and degree of resistance are specified, when available. For Phytophthora Root Rot, the gene(s) conveying the resistance and general field tolerance rating are listed.

PHYTOPHTHORA ROOT ROT GENE RESISTANCE
The following genes confer resistance to the listed races of *Phytophthora*:
Rps1a = Resistant to races 1, 2, 11, 13-18, 26, 27, 31, 32, 36, 48, 50-52, 54, 55
Rps1c = Resistant to races 1-3, 6-9, 11, 13, 15, 17, 21, 23, 24, 26, 28-30, 32, 34, 36, 41, 42, 44, 48, 50, 52, 54, 55
Rps1k = Resistant to races 1-9, 11, 13-15, 17, 18, 21-24, 26, 36, 37, 42-44, 46-55
Rps3a = Resistant to races 1-5, 8, 9, 11, 13, 14, 16, 18, 23, 25, 27-29, 31-35, 40, 41, 43-45, 47-52, 54
S = Susceptible (no gene-specific tolerance)

PHYTOPHTHORA ROOT ROT FIELD TOLERANCE
Usually not as complete as race-specific resistance, but it offers general protection. Resistance is not expressed in early stages of plant development. Numerical rating scale of 1-9; 1 = Best.

SCN GENE SOURCE
The Peking genes confer varying resistances to certain races of SCN.
S = Susceptible (no gene-specific resistance).
Refer to the "Race Resistances" column for phenotypic (expressed) resistance ratings.

SCN RACE RESISTANCE
1, 3, 5, and/or 14 = SCN race(s) for which resistance is conferred
R = Resistant
MR = Moderately Resistant
S = Susceptible (no gene-specific resistance)
- = Not Available

DISEASE/PEST RESISTANCE
1 = Best
9 = Worst
- = Not Available

SOYBEAN CHARACTERISTICS

XTENDFLEX® SOYBEANS

BRAND		PRODUCT TRAITS & MATURITY		AGRONOMIC/PLANT CHARACTERISTICS													ADAPTATION TO SOIL TYPES/YIELD ENVIRONMENTS				
NK Soybean Brand		Herbicide-Tolerant Trait	Relative Maturity	Emergence	Canopy/Plant Type	Plant Height	Growth Habit	Standability	Narrow Row	Wide Row	Flower Color	Pubescence Color	Pod Color	Hilum Color	Chloride Sensitivity	Green Stem	Drought Prone	High pH	Highly Productive	Variable	Poorly Drained
	NK008-P8XF	XF	0.08	3	M	MT	IND	3	1	1	PUR	GR	TN	YEL	INC	-	B	G	B	B	B
	NK009-T1XF	XF	0.09	3	M	M	IND	2	1	2	PUR	LTW	TN	BL	INC	1	G	G	B	B	G
	NK02-M4XF	XF	0.2	3	M	MT	IND	3	1	2	PUR	LTW	TN	BL	INC	2	G	G	B	B	G
NEW	NK03-J1XF	XF	0.3	1	MT	M	IND	2	1	3	PUR	LTW	TN	GR	INC	1	B	F	G	G	G
	NK05-W3XF	XF	0.5	3	M	M	IND	4	2	1	PUR	LTW	TN	IMY	INC	1	B	F	F	G	B
	NK06-P2XF	XF	0.6	3	M	M	IND	3	1	2	PUR	LTW	TN	BL	EXC	2	G	G	F	B	F
NEW	NK07-B1XF	XF	0.7	2	M	M	IND	3	1	2	WH	LTW	TN	BL	INC	3	B	F	B	B	G
	NK09-B5XF	XF	0.9	2	M	M	IND	3	1	1	PUR	LTW	BR	GR	INC	1	B	F	G	G	B
NEW	NK11-U2XF	XF	1.1	3	M	MT	IND	3	1	2	PUR	LTW	TN	BL	EXC	-	B	G	B	B	B
	NK13-Y4XF	XF	1.3	3	MT	MT	IND	2	1	2	PUR	LTW	BR	BR	INC	3	B	G	B	B	B
	NK14-C7XF	XF	1.4	3	M	MT	IND	3	1	1	PUR	LTW	BR	BR	INC	2	G	G	B	B	G
	NK17-M2XF	XF	1.7	3	M	MT	IND	2	1	2	PUR	LTW	BR	BR	INC	3	G	G	B	B	G
NEW	NK18-D1XF	XF	1.8	2	M	MS	IND	2	1	2	PUR	LTW	TN	BL	INC	2	G	F	G	G	B
NEW	NK20-K2XF	XF	2.0	3	M	MT	IND	3	3	1	WH	LTW	BR	BL	INC	4	B	G	B	B	B
	NK21-H4XF	XF	2.1	3	M	M	IND	4	3	1	WH	LTW	BR	BL	INC	3	B	G	G	G	B
	NK23-T9XF	XF	2.3	3	M	M	IND	3	2	1	WH	LTW	BR	BL	INC	2	B	F	G	B	B
	NK25-C9XF	XF	2.5	2	MB	MT	IND	3	2	1	WH	LTW	BR	BL	INC	3	B	F	G	G	B
	NK27-A7XF	XF	2.7	2	M	MT	IND	3	2	1	PUR	LTW	BR	BL	INC	3	B	P	G	B	B
NEW	NK28-P6XF	XF	2.8	2	M	MT	IND	3	2	1	PUR	LTW	TN	BL	INC	3	B	G	B	B	G
	NK30-U4XF	XF	3.0	2	M	M	IND	2	1	1	WH	LTW	BR	BL	INC	3	B	F	B	B	B
	NK31-J9XF	XF	3.1	3	MT	T	IND	4	2	2	PUR	LTW	TN	BL	INC	3	G	G	B	G	G
	NK34-G1XF	XF	3.4	3	MB	M	IND	3	2	1	PUR	LTW	BR	BL	INC	3	B	F	G	B	B
NEW	NK37-B7XFS	XF/STS	3.7	2	MB	MT	IND	3	2	1	PUR	LTW	BR	BL	INC	-	B	F	B	G	B
	NK38-G9XF	XF	3.8	1	MB	MT	IND	3	2	1	PUR	LTW	TN	BL	INC	2	G	F	B	B	G

Some product descriptions and ratings are sourced from the variety's genetic supplier and may change as additional information is gathered.

= Field Forged Series

HERBICIDE-TOLERANT TRAITS
E3 = Enlist E3® Soybean
E3/STS = Enlist E3® Soybean and STS®
XF = XtendFlex®
XF/STS = XtendFlex® and STS®
RR2X = Roundup Ready 2 Xtend®

AGRONOMIC CHARACTERISTICS
1 = Best
9 = Worst
- = Not Available

CANOPY/PLANT TYPE
B = Bush
MB = Medium-Bush
M = Medium
MT = Medium-Thin
T = Thin

PLANT HEIGHT
S = Short
MS = Medium-Short
M = Medium
MT = Medium-Tall
T = Tall

GROWTH HABIT
DET = Determinate
IND = Indeterminate

COLOR ABBREVIATIONS
BF = Buff
BL = Black
BR = Brown
GR = Gray
IMB = Imperfect Black
IMY = Imperfect Yellow
LTW = Light Tawny
PUR = Purple
TN = Tan
TW = Tawny
WH = White
YEL = Yellow

CHLORIDE SENSITIVITY
EXC = Excluder
INC = Includer
- = Not Available

ADAPTATION AND RESPONSES
B = Best
G = Good
F = Fair
P = Poor
- = Not Available

PROTEIN AND OIL
Ratings are based on two-year averages, except in cases where only one year of data is available.

GRAIN QUALITY		DISEASE/PEST RESISTANCE													BRAND
		PHYTOPHTHORA ROOT ROT		SOYBEAN CYST NEMATODE											
% Protein @ 13% mst.	% Oil @ 13% mst.	Gene Resistance	Field Tolerance	Gene Source	Race Resistance	Southern Stem Canker	Root Knot Nematode Incognita	Iron Deficiency Chlorosis	Brown Stem Rot	Charcoal Rot	Soybean White Mold	Pod & Stem Blight	Sudden Death Syndrome	Frogeye Leaf Spot	NK Soybean Brand
36.2	18.8	Rps1c, Rps3a	3	S	S	1	-	3	-	-	3	-	-	-	NK008-P8XF NEW
32.8	19.4	Rps1c	3	PI88788	MR3	1	-	3	3	-	3	5	2	-	NK009-T1XF
32.6	19.9	Rps1c	3	PI88788	MR3	1	-	3	3	-	3	5	2	-	NK02-M4XF
33.7	19.4	Rps3a	3	S	S	1	-	4	4	-	3	5	-	-	NK03-J1XF NEW
34.5	18.2	Rps1c	3	PI88788	MR3	1	-	4	5	-	4	4	3	-	NK05-W3XF
33.7	19.6	Rps1c	5	PI88788	MR3	1	-	3	3	-	3	7	-	-	NK06-P2XF
31.3	20.2	Rps3a	2	PI88788	MR3	1	-	4	3	-	5	4	2	-	NK07-B1XF NEW
35.2	18.4	Rps1c, Rps3a	2	PI88788	MR3, MR14	1	-	4	3	-	3	4	3	-	NK09-B5XF
36.0	19.1	Rps3a	3	PI88788	MR3	1	-	3	2	-	3	-	2	-	NK11-U2XF NEW
35.1	18.6	Rps1c, Rps3a	1	PI88788	MR3, MR14	1	-	3	3	-	2	3	3	4	NK13-Y4XF
34.5	18.8	Rps1c	2	PI88788	MR3	1	-	3	2	-	2	4	2	-	NK14-C7XF
34.3	19.2	Rps1c	4	PI88788	MR3	1	-	3	2	-	3	4	3	5	NK17-M2XF
35.8	20.3	Rps1k, Rps3a	3	PI88788	MR3	1	-	4	3	-	3	-	2	2	NK18-D1XF NEW
33.1	20.2	Rps1c	3	PI88788	MR3	1	-	3	3	-	3	4	2	4	NK20-K2XF NEW
33.8	19.7	Rps1c	2	PI88788	MR3	1	-	3	5	4	3	6	3	4	NK21-H4XF
33.5	20.0	Rps1c	3	PI88788	MR3	1	-	4	3	3	3	4	4	5	NK23-T9XF
32.9	20.9	Rps1c	2	PI88788	R3, MR14	1	-	4	4	3	3	3	2	5	NK25-C9XF
34.5	19.7	Rps1c	3	PI88788	MR3	1	-	5	3	4	3	3	2	5	NK27-A7XF
34.7	20.0	Rps1c	4	PI88788	MR3	1	-	3	4	-	3	-	3	5	NK28-P6XF NEW
34.5	19.2	Rps1c	3	PI88788	R3	1	-	4	3	4	3	-	2	2	NK30-U4XF
34.2	19.9	Rps1k	4	PI88788	MR3	1	-	3	3	2	5	4	3	2	NK31-J9XF
33.7	19.8	Rps1c	4	PI88788	MR3	1	-	4	3	4	4	3	3	2	NK34-G1XF
34.6	20.2	Rps1c	3	PI88788	MR3	1	-	4	4	-	-	-	3	2	NK37-B7XFS NEW
32.5	20.9	Rps1c	4	PI88788	MR3, MR14	1	-	4	3	3	-	-	4	3	NK38-G9XF

RESISTANCE RATING SYSTEM
Indicates when a variety is resistant to a specific disease or pest. For Soybean Cyst Nematode (SCN), the gene(s) conveying the resistance, race(s) the variety is resistant against, and degree of resistance are specified, when available. For Phytophthora Root Rot, the gene(s) conveying the resistance and general field tolerance rating are listed.

PHYTOPHTHORA ROOT ROT GENE RESISTANCE
The following genes confer resistance to the listed races of *Phytophthora*:
Rps1a = Resistant to races 1, 2, 11, 13-18, 26, 27, 31, 32, 36, 48, 50-52, 54, 55
Rps1c = Resistant to races 1-3, 6-9, 11, 13, 15, 17, 21, 23, 24, 26, 28-30, 32, 34, 36, 41, 42, 44, 48, 50, 52, 54, 55
Rps1k = Resistant to races 1-9, 11, 13-15, 17, 18, 21-24, 26, 36, 37, 42-44, 46-55
Rps3a = Resistant to races 1-5, 8, 9, 11, 13, 14, 16, 18, 23, 25, 27-29, 31-35, 40, 41, 43-45, 47-52, 54
S = Susceptible (no gene-specific tolerance)

PHYTOPHTHORA ROOT ROT FIELD TOLERANCE
Usually not as complete as race-specific resistance, but it offers general protection. Resistance is not expressed in early stages of plant development. Numerical rating scale of 1-9; 1 = Best.

SCN GENE SOURCE
The Peking genes confer varying resistances to certain races of SCN.
S = Susceptible (no gene-specific resistance). Refer to the "Race Resistances" column for phenotypic (expressed) resistance ratings.

SCN RACE RESISTANCE
1, 3, 5, and/or 14 = SCN race(s) for which resistance is conferred
R = Resistant
MR = Moderately Resistant
S = Susceptible (no gene-specific resistance)
- = Not Available

DISEASE/PEST RESISTANCE
1 = Best
9 = Worst
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SOYBEAN CHARACTERISTICS

XTENDFLEX® SOYBEANS

ROUNDUP READY 2 XTEND® SOYBEANS

	BRAND	PRODUCT TRAITS & MATURITY		AGRONOMIC/PLANT CHARACTERISTICS													ADAPTATION TO SOIL TYPES/YIELD ENVIRONMENTS				
	NK Soybean Brand	Herbicide-Tolerant Trait	Relative Maturity	Emergence	Canopy/Plant Type	Plant Height	Growth Habit	Standability	Narrow Row	Wide Row	Flower Color	Pubescence Color	Pod Color	Hilum Color	Chloride Sensitivity	Green Stem	Drought Prone	High pH	Highly Productive	Variable	Poorly Drained
ⓔ	NK39-M8XF	XF	3.9	2	MB	T	IND	3	2	1	PUR	GR	BR	IMB	INC	3	B	G	B	B	B
ⓔ	NK42-T5XF	XF	4.2	3	M	MT	IND	2	1	1	PUR	LTW	BR	BL	INC	3	B	F	B	B	G
	NK43-V8XF	XF	4.3	3	M	MT	IND	4	3	2	PUR	LTW	BR	BL	INC	4	B	G	B	G	G
	NK43-Y9XFS	XF/STS	4.3	1	MB	MT	IND	2	1	1	WH	GR	BR	BF	INC	3	B	F	B	B	B
ⓔ	NK44-J4XFS	XF/STS	4.4	2	M	MT	IND	3	1	2	WH	GR	BR	BF	INC	4	B	P	B	B	B
	NK46-B4XFS	XF/STS	4.6	2	MB	MT	IND	3	2	1	WH	LTW	BR	BL	INC	3	B	F	B	B	G
	NK47-Z1XF	XF	4.7	3	MB	T	IND	2	2	1	PUR	LTW	BR	BL	EXC	2	G	F	G	B	G
NEW	NK48-A8XFS	XF/STS	4.8	3	MB	T	IND	3	3	1	WH	LTW	BR	BR	INC	3	G	G	B	B	B
	NK48-H3XFS	XF/STS	4.8	2	M	MT	IND	3	1	1	WH	GR	BR	BF	INC	4	G	F	B	G	B
ⓔ NEW	NK49-C2XFS	XF/STS	4.9	2	MB	MT	IND	2	1	1	PUR	LTW	TN	BL	EXC	3	G	G	B	B	B
NEW	NK49-N7XF	XF	4.9	2	M	MT	IND	3	2	2	PUR	LTW	BR	BL	EXC	3	G	G	B	G	B
	S49-F5X	RR2X	4.9	3	MB	MT	IND	3	2	2	PUR	LTW	TN	BL	EXC	2	G	F	G	B	G
ⓔ NEW	NK52-V1XF	XF	5.2	2	MB	MT	IND	2	1	1	PUR	LTW	BR	BL	INC	2	G	G	B	B	G
	S53-F7X	RR2X	5.3	2	M	T	IND	2	1	2	PUR	GR	BR	IMB	INC	1	F	G	G	G	B
NEW	NK54-J9XFS	XF/STS	5.4	2	MB	T	IND	3	2	1	WH	TW	TN	BL	INC	3	B	G	B	B	B
NEW	NK56-Z6XFS	XF/STS	5.6	2	MB	S	DET	2	1	3	WH	LTW	BR	BL	INC	-	G	G	B	G	B
NEW	NK57-H5XF	XF	5.7	2	MB	MT	DET	5	3	1	PUR	LTW	BR	BL	EXC	1	B	G	F	G	F
	NK64-C5XF	XF	6.4	3	MB	MT	DET	3	2	1	WH	LTW	BR	BL	INC	-	G	P	B	G	B
ⓔ NEW	NK67-P1XF	XF	6.7	2	M	M	DET	2	1	1	PUR	TW	TN	BL	EXC	2	B	F	G	B	B
	NK69-Q4XF	XF	6.9	3	MB	M	DET	2	1	1	PUR	TW	BR	BL	INC	1	B	F	G	G	G
	NK72-B2XF	XF	7.2	3	MB	M	DET	3	2	1	PUR	TW	TN	BL	INC	1	G	P	G	G	G
	NK77-Y8XF	XF	7.7	2	MB	MT	DET	2	1	1	PUR	TW	BR	BL	INC	2	G	P	F	B	F

Some product descriptions and ratings are sourced from the variety's genetic supplier and may change as additional information is gathered.

ⓔ = Field Forged Series

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GRAIN QUALITY		DISEASE/PEST RESISTANCE													BRAND
		PHYTOPHTHORA ROOT ROT		SOYBEAN CYST NEMATODE											
% Protein @ 13% mst.	% Oil @ 13% mst.	Gene Resistance	Field Tolerance	Gene Source	Race Resistance	Southern Stem Canker	Root Knot Nematode Incognita	Iron Deficiency Chlorosis	Brown Stem Rot	Charcoal Rot	Soybean White Mold	Pod & Stem Blight	Sudden Death Syndrome	Frogeye Leaf Spot	NK Soybean Brand
34.5	19.2	Rps1c	3	PI88788	MR3, MR14	1	-	3	3	3	-	-	2	3	NK39-M8XF
34.0	19.5	S	3	PI88788	MR3	1	8	4	3	4	-	-	2	4	NK42-T5XF
34.1	19.4	S	3	PI88788	MR3	1	8	3	3	3	-	-	3	2	NK43-V8XF
34.5	19.1	Rps1c	2	PI88788	MR3	1	5	3	3	-	-	-	3	5	NK43-Y9XFS
34.5	19.3	Rps1c	3	PI88788	MR3	1	5	5	3	3	-	-	5	4	NK44-J4XFS
34.1	19.8	Rps1k	3	PI88788	R3	1	5	4	3	3	-	-	5	4	NK46-B4XFS
35.7	19.1	Rps1c	3	PI88788	MR3	1	6	4	3	5	-	-	3	2	NK47-Z1XF
35.1	19.2	Rps1c	2	PI88788	MR3	1	3	3	-	3	-	-	3	5	NK48-A8XFS NEW
33.8	20.0	Rps1k	4	PI88788	MR3, MR14	3	6	4	-	4	-	-	3	2	NK48-H3XFS
34.6	19.3	Rps1k	3	PI88788	R3	1	7	3	-	4	-	-	3	4	NK49-C2XFS NEW
35.4	19.7	Rps1c	3	PI88788	MR3, MR14	2	7	3	-	-	-	-	5	2	NK49-N7XF NEW
34.9	19.8	Rps1k	4	PI88788	MR3, MR14	3	7	4	3	4	-	-	4	3	S49-F5X
35.8	19.9	Rps1c	3	PI88788	MR3	1	3	3	-	-	-	-	2	2	NK52-V1XF NEW
33.7	20.1	S	4	PI88788	MR3	3	6	3	3	5	-	-	3	2	S53-F7X
35.0	20.8	S	3	PI88788	MR3, MR14	1	5	3	-	-	-	-	-	2	NK54-J9XFS NEW
33.2	20.6	Rps3a	3	PI88788	MR3	1	2	3	-	-	-	-	-	-	NK56-Z6XFS NEW
35.6	18.0	S	4	PI88788	MR3	3	6	3	-	-	-	-	-	2	NK57-H5XF NEW
33.7	19.5	S	3	PI88788	MR3	1	6	5	3	-	-	-	4	2	NK64-C5XF
34.3	19.0	S	3	PI88788	R3, MR14	1	2	4	-	-	-	-	3	2	NK67-P1XF NEW
33.8	19.2	S	4	PI88788	R3	1	2	4	4	-	-	-	3	2	NK69-Q4XF
33.2	18.8	S	4	PI88788	MR3, MR14	1	3	6	4	-	-	-	5	2	NK72-B2XF
33.3	19.3	S	4	PI88788	MR3	1	2	5	4	-	-	-	3	2	NK77-Y8XF

RESISTANCE RATING SYSTEM
Indicates when a variety is resistant to a specific disease or pest. For Soybean Cyst Nematode (SCN), the gene(s) conveying the resistance, race(s) the variety is resistant against, and degree of resistance are specified, when available. For Phytophthora Root Rot, the gene(s) conveying the resistance and general field tolerance rating are listed.

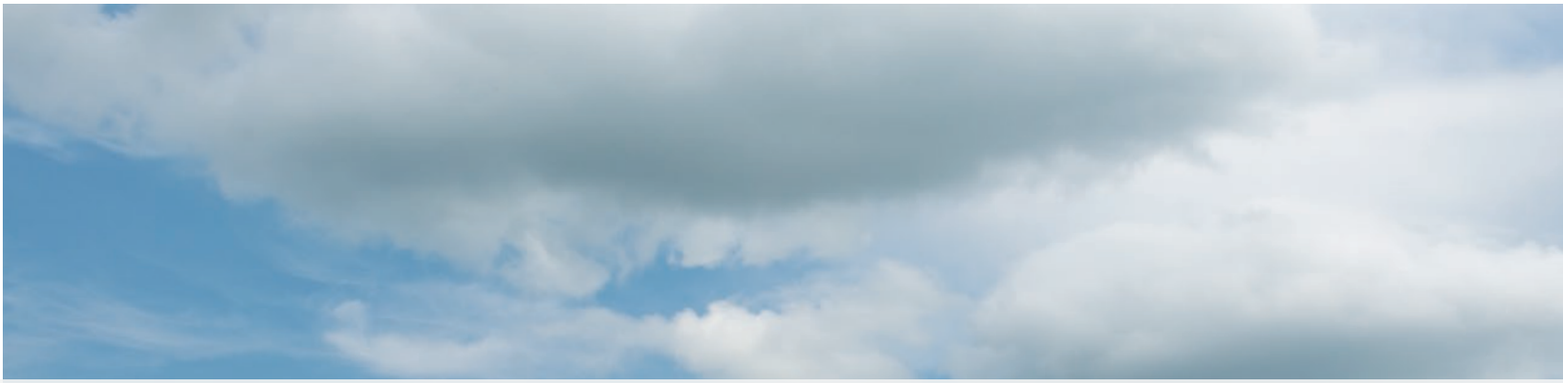
PHYTOPHTHORA ROOT ROT GENE RESISTANCE
The following genes confer resistance to the listed races of *Phytophthora*:
Rps1a = Resistant to races 1, 2, 11, 13-18, 26, 27, 31, 32, 36, 48, 50-52, 54, 55
Rps1c = Resistant to races 1-3, 6-9, 11, 13, 15, 17, 21, 23, 24, 26, 28-30, 32, 34, 36, 41, 42, 44, 48, 50, 52, 54, 55
Rps1k = Resistant to races 1-9, 11, 13-15, 17, 18, 21-24, 26, 36, 37, 42-44, 46-55
Rps3a = Resistant to races 1-5, 8, 9, 11, 13, 14, 16, 18, 23, 25, 27-29, 31-35, 40, 41, 43-45, 47-52, 54
S = Susceptible (no gene-specific tolerance)

PHYTOPHTHORA ROOT ROT FIELD TOLERANCE
Usually not as complete as race-specific resistance, but it offers general protection. Resistance is not expressed in early stages of plant development. Numerical rating scale of 1-9; 1 = Best.

SCN GENE SOURCE
The Peking genes confer varying resistances to certain races of SCN.
S = Susceptible (no gene-specific resistance).
Refer to the "Race Resistances" column for phenotypic (expressed) resistance ratings.

SCN RACE RESISTANCE
1, 3, 5, and/or 14 = SCN race(s) for which resistance is conferred
R = Resistant
MR = Moderately Resistant
S = Susceptible (no gene-specific resistance)
- = Not Available

DISEASE/PEST RESISTANCE
1 = Best
9 = Worst
- = Not Available



NK SOYBEAN VARIETY DESCRIPTION KEY

S or **NK** indicates NK soybeans.

Indicates **maturity group and relative maturity** within the group, on a scale of 0-7 (0 = early, 7 = late).

Randomly designated digits.

Denotes **herbicide technology.**

Designates an **STS variety.**

Indicates product is part of the **Field Forged Series.**

Indicates **new product for 2023.**

Specific **relative maturity** for this variety.

NK42-A6E3S Brand

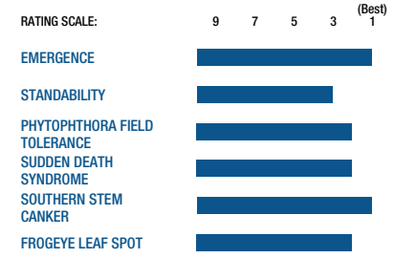
FIELD FORGED SERIES

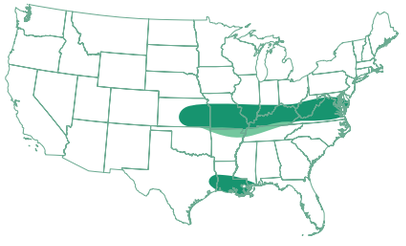
NEW

RM **4.2**

Superb performance with great agronomics

- Broadly adapted across soil types and drainage classes
- STS Excluder with robust plant type for first crop or double crop acres
- Excellent disease tolerance to maximize yield potential





Enlist E3 SOYBEANS | STS

Herbicide tolerance traits.

Primary (dark green) and, where applicable, secondary (light green) **areas of adaptation** for this variety. Areas are suggested; performance may vary.

Herbicide Technology

E3 = Enlist E3 SOYBEANS

XF = XTENDFLEX SOYBEANS

X = ROUNDUP READY 2 XTEND SOYBEANS

EXCEPTIONAL WEED CONTROL FOR EXCELLENT YIELD POTENTIAL

Enlist E3® SOYBEANS

NK Seeds offers elite soybean herbicide trait choices to offer on your acre. NK soybeans with the Enlist E3® soybean trait technology combine elite genetics with the most advanced trait technology available. Enlist E3® soybeans provide tolerance to glyphosate, glufosinate and 2,4-D choline — three distinct modes of action that help farmers and applicators manage tough-to-control weeds.

Glyphosate | Glufosinate | 2,4-D Choline

NK009-G7E3 | **+7.0 Bu/A advantage** over Pioneer® varieties
North Dakota | N=28 | 2022

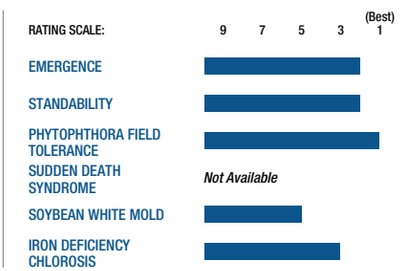
NK009-G7E3 Brand

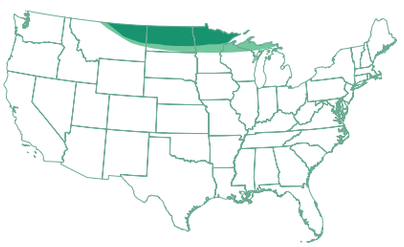
FIELD FORGED SERIES

RM **0.09**

Excellent agronomics with top-end yield potential

- Very good Iron Deficiency Chlorosis tolerance combined with Soybean Cyst Nematode resistance
- Excellent Phytophthora Root Rot field tolerance with Rps1c/3a gene stack
- Good stress tolerance and performance across yield environments





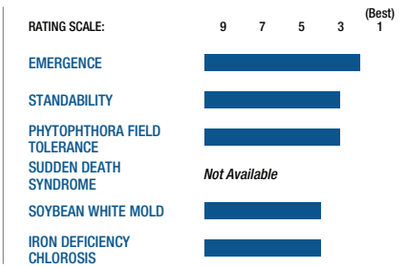
Enlist E3 SOYBEANS

NK02-H6E3 Brand

NEW RM **0.2**

Stable performance across environments with strong drought tolerance

- Stacked Rps1c/3a genes with great Phytophthora field tolerance
- Great choice for variable acres with outstanding emergence
- SCN resistance in a geography where Cyst pressure is increasing



Enlist E3 SOYBEANS

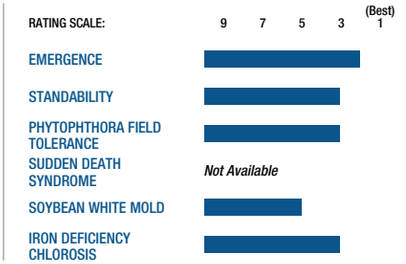
NK03-V5E3 Brand

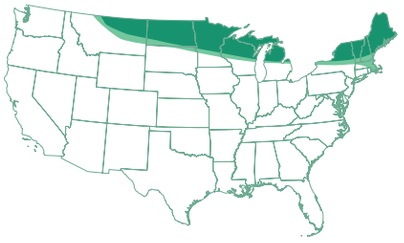
FIELD FORGED SERIES

RM 0.3

Proven standability with strong yield potential

- Good stress bean suitable for all yield environments
- Rps1c gene with strong field tolerance to Phytophthora Root Rot
- Very good tolerance to Iron Deficiency Chlorosis





Enlist E3 SOYBEANS

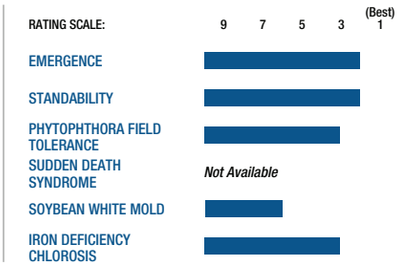
NK04-A9E3 Brand

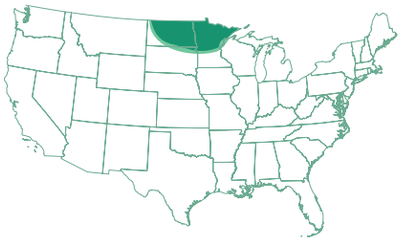
NEW

RM 0.4

Excellent performance across environments with top-end yield potential

- Strong IDC tolerance
- Solid Phytophthora field tolerance
- Great option for variable acres with consistent performance





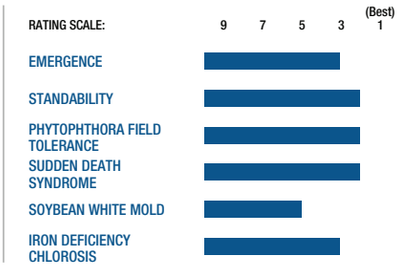
Enlist E3 SOYBEANS

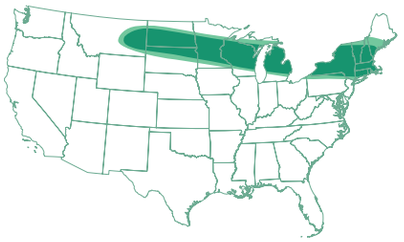
NK06-D9E3 Brand

RM 0.6

Strong agronomic package with great yield potential

- Rps3a gene for resistance to Phytophthora Root Rot
- Reliable tolerance to Iron Deficiency Chlorosis with the Excluder gene
- Great standability in a medium-short plant type





Enlist E3 SOYBEANS

NK07-G5E3 Brand

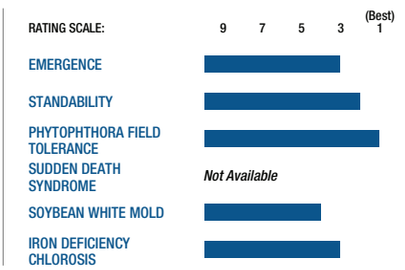
FIELD FORGED SERIES

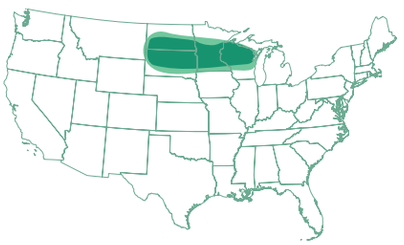
NEW

RM **0.7**

Peking bean with an exciting disease and agronomic package

- Consistent yield performance across environments with strong drought tolerance
- Great choice for fields with Iron Deficiency Chlorosis
- Rps1k/3a gene stack with excellent Phytophthora field tolerance





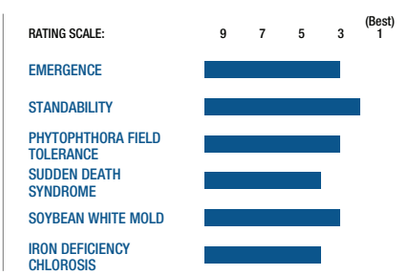
Enlist E3 SOYBEANS

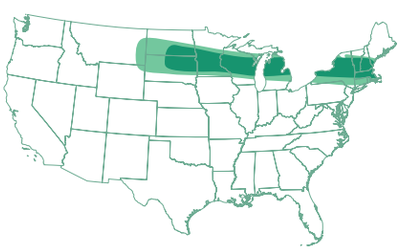
NK08-V9E3 Brand

RM **0.8**

Exciting yield potential on the Enlist E3 soybean trait platform

- Good agronomics for high yielding environments
- Excellent standability with strong tolerance to Soybean White Mold
- Good tolerance to Iron Deficiency Chlorosis





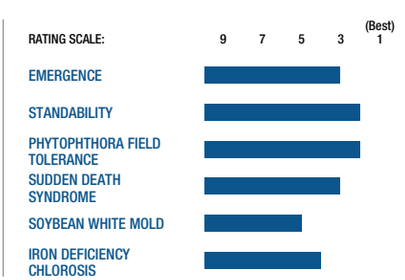
Enlist E3 SOYBEANS

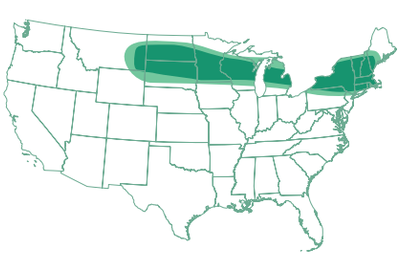
NK09-H7E3 Brand

RM **0.9**

Yield stability across changing environments

- Excellent standability with a medium-short plant type
- Very strong field tolerance to Phytophthora Root Rot with the Rps1k gene
- Good performance in all yield environments including stress acres





Enlist E3 SOYBEANS

NK11-A4E3 Brand

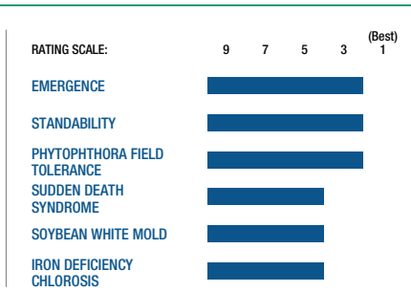
FIELD FORGED SERIES

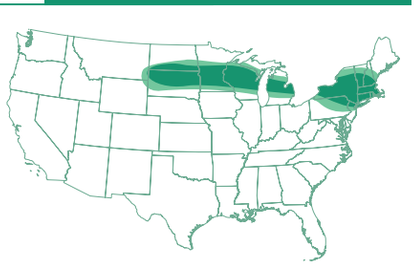
NEW

RM **1.1**

Achieve your yield goals with NK11-A4E3

- Well suited to high yield environments
- Rps1k/3a gene stack for Phytophthora Root Rot protection
- Great emergence and good performance in poorly drained soils





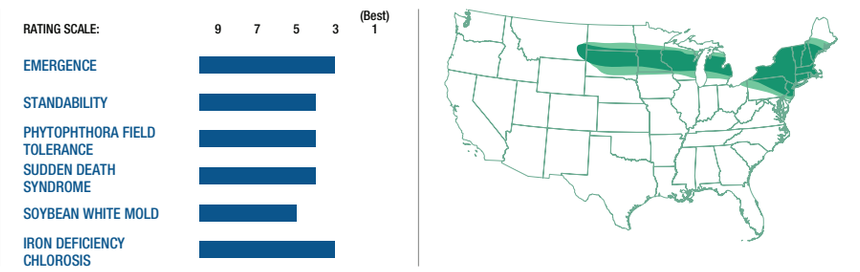
Enlist E3 SOYBEANS

S13-E3 Brand

RM 1.3

Strong performance across a wide geography

- SCN protection with very good tolerance to Iron Deficiency Chlorosis
- Rps1c gene with solid Phytophthora Root Rot field tolerance
- Medium-bush canopy helps close the row



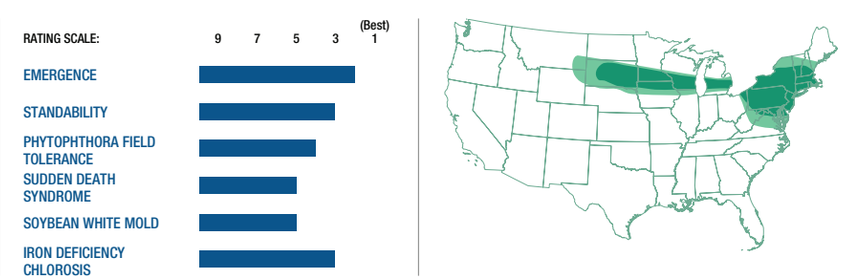
Enlist E3 SOYBEANS

NK14-W6E3 Brand

RM 1.4

Peking Cyst Nematode protection with very good yield potential

- Stacked Rps1c/3a genes provide sound tolerance to Phytophthora Root Rot
- Solid standability
- Performs well on tough ground and highly productive acres



Enlist E3 SOYBEANS

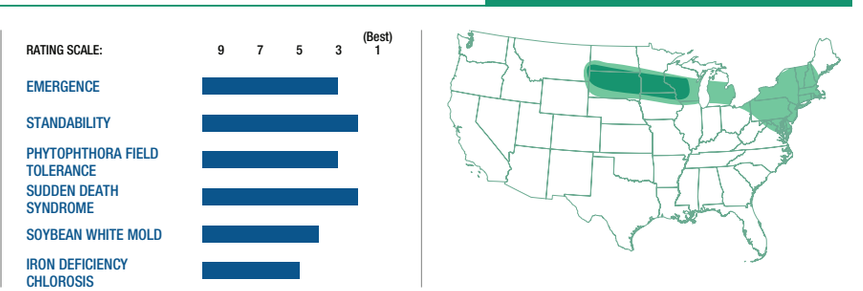
NK15-G9E3S Brand

NEW

RM 1.5

Peking SCN with excellent performance in the Central and Western US

- Handles the tough acre well with strong performance in moderate to low yield environments
- Well rounded disease package allows flexibility to place across acres
- Avoid fields where Iron Deficiency Chlorosis is a concern



Enlist E3 SOYBEANS | STS

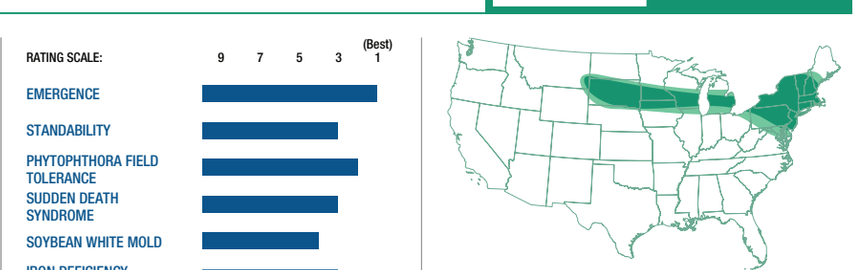
NK16-Z6E3 Brand

NEW

RM 1.6

Peking source of SCN resistance with strong agronomics

- Well suited to high pH soils with strong tolerance to IDC
- Solid drought stress tolerance
- Rps1c/3a gene stack with great Phytophthora field tolerance



Enlist E3 SOYBEANS

We've planted NK beans for at least 10 years. They've been consistent and yield very well. And the plant health on them is excellent. We've been extremely happy with NK soybeans."

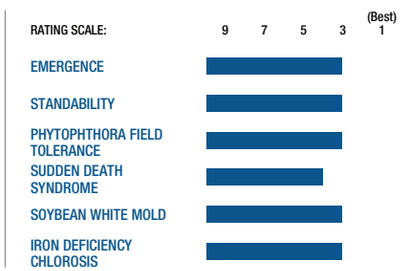
SAM HANSEN | FARMER
SARGEANT, MINNESOTA

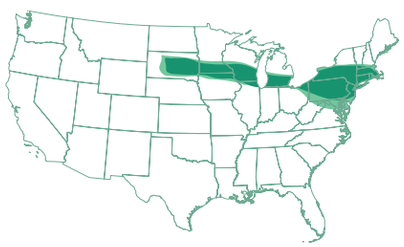
NK18-J7E3 Brand

RM **1.8**

Strong genetics for the Enlist E3 soybean trait platform

- Performs well across yield environments including highly productive fields
- Solid standability with very good tolerance to Soybean White Mold
- Dependable drought tolerance





Enlist E3 SOYBEANS

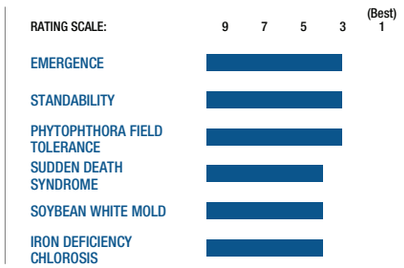
NK19-T8E3S Brand

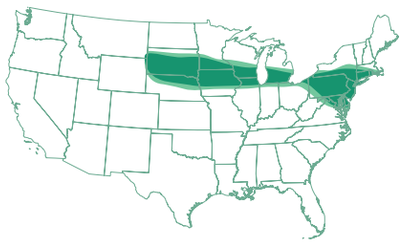
FIELD FORGED SERIES

RM **1.9**

Peking SCN resistance coupled with great yield potential

- Broadly adapted for production on all soil and drainage types
- Very good standability for high yield environments
- Excellent drought tolerance with a strong response to irrigation





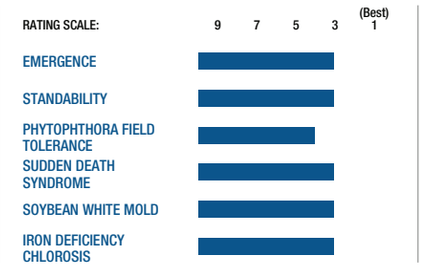
Enlist E3 SOYBEANS | STS

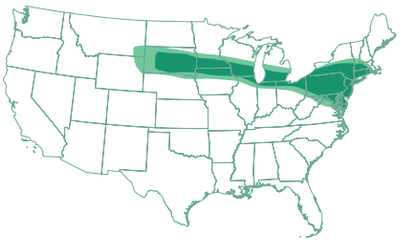
NK19-Y5E3 Brand

RM 1.9

Top-end yield potential with solid agronomics

- Very good tolerance to Sudden Death Syndrome
- Rps1k gene with sound field tolerance to Phytophthora Root Rot
- Medium-tall plant type with good stress tolerance





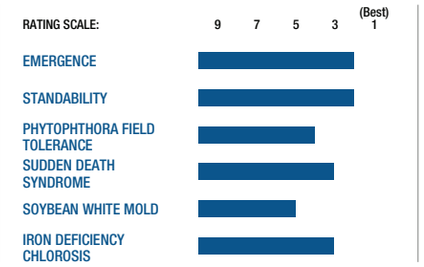
Enlist E3 SOYBEANS

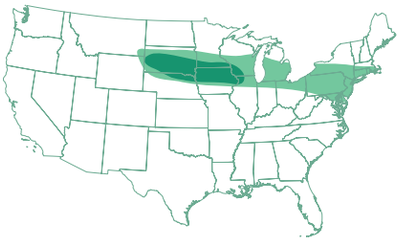
NK20-B6E3S Brand

RM 2.0

Excellent standability with great yield potential on highly productive acres

- Excelling on soils with high organic matter and water holding capacity
- Very good SDS tolerance
- Responds well to early planting





Enlist E3 SOYBEANS | STS

KEEP IT REAL WITH #TEAMNK

Don't take our word for it — take theirs.

Our social media influencers, **#TeamNK**, are always keeping it real and telling you exactly what it's like to plant NK seeds. Follow along to see how we perform on their acres.

@marypatsass

@nyfarmgirls

@kipsiegler_farming

@thatfitagvocate

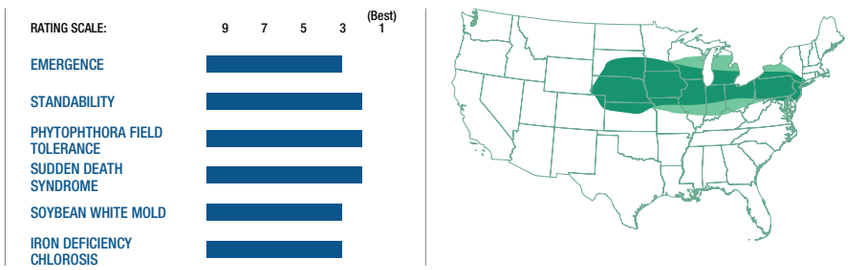
@tarheelfarmer

NK21-C2E3 Brand

FIELD FORGED SERIES | NEW | RM 2.1

Reliable genetics with great yield potential and solid agronomics

- Broadly adapted for production on all soil types
- Brings great SDS and PRR field tolerance
- Strong standability and SWM tolerance for use on highly productive acres



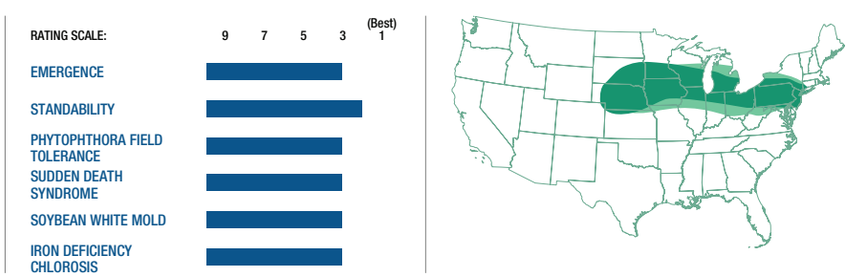
Enlist E3 SOYBEANS

NK22-C4E3 Brand

RM 2.2

Strong yield potential with broad adaptation

- Performs well at any yield level and across soil types
- Rps1c gene for resistance to Phytophthora Root Rot with strong field tolerance
- Recommended for high pH acres



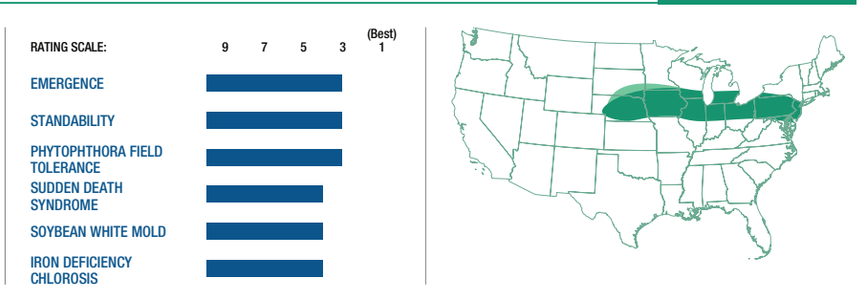
Enlist E3 SOYBEANS

NK24-A2E3S Brand

RM 2.4

Exciting yield potential for mid Group 2

- Broadly adapted with good North to South movement
- Excellent choice for fine textured and poorly drained soils
- Medium-tall plant type with good standability



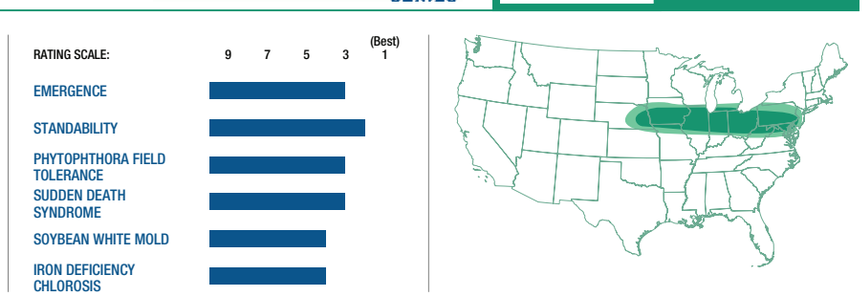
Enlist E3 SOYBEANS | STS

NK26-M6E3 Brand

FIELD FORGED SERIES | NEW | RM 2.6

Broadly adapted with great yield potential on any acre

- Handles variable and poorly drained soils with solid Phytophthora field tolerance
- Maintains performance North and South of zone
- Outstanding performance on drought stressed and highly productive acres



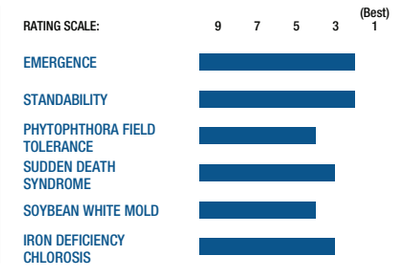
Enlist E3 SOYBEANS

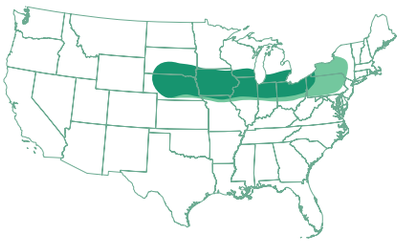
S26-E3 Brand

RM **2.6**

Dependable SDS tolerance with Peking source of Cyst Nematode resistance

- Best performance in zone and North
- Recommended for Iron Deficiency Chlorosis acres
- Rps1k gene with good Phytophthora Root Rot field tolerance





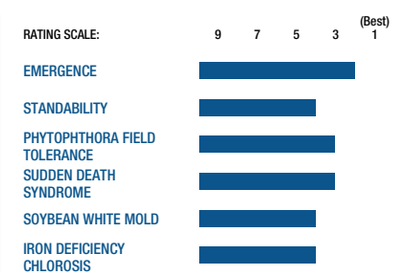
Enlist E3 SOYBEANS

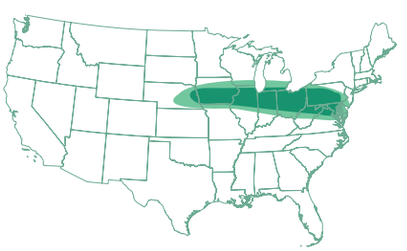
NK28-B9E3S Brand

NEW RM **2.8**

Breakout genetics providing stability and performance

- Well suited to variable soils including fine textured and poorly drained
- Consistent across all yield levels; performs best in the East
- Maintains height in drought prone conditions





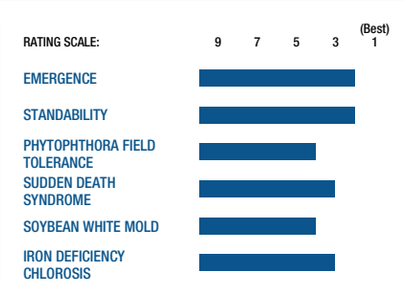
Enlist E3 SOYBEANS | STS

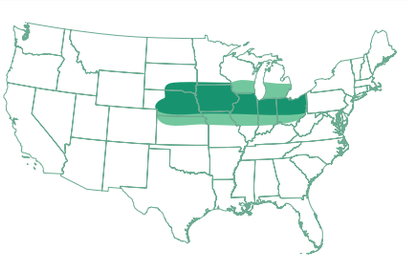
NK29-Z4E3 Brand

RM **2.9**

Great yield potential, stability and complete disease package

- Performs equally well across group 2; excels in soils with high water holding capacity
- Features stacked Rps genes and proven Sudden Death Syndrome, Iron Deficiency Chlorosis, and Frogeye Leaf Spot tolerance
- Recommended for high pH soils





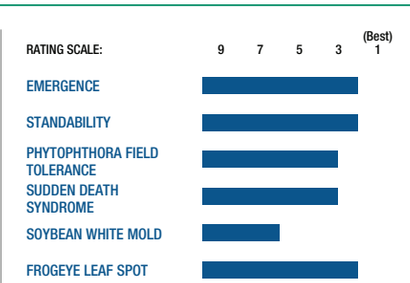
Enlist E3 SOYBEANS

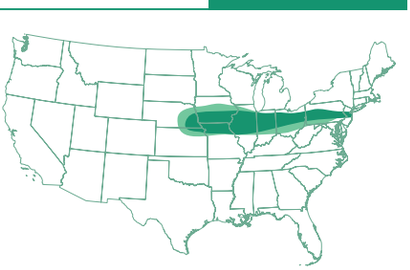
NK30-B2E3 Brand

RM **3.0**

Awesome yield potential with superb standability

- Excellent choice for productive soils and well managed acres
- Performs best in high yield environments
- Rps1c/3a gene stack for Phytophthora Root Rot protection





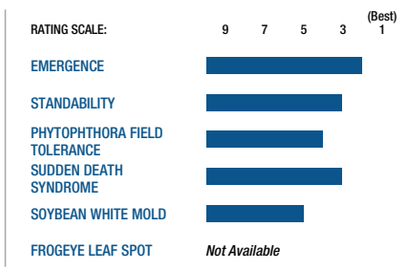
Enlist E3 SOYBEANS

NK31-M7E3 Brand

RM 3.1

Broadly adapted with defensive traits

- Stacked Rps1k/3a Phytophthora Root Rot genes
- Good choice for fine textured soils with high water holding capacity
- Performs North or South of zone



Enlist E3 SOYBEANS

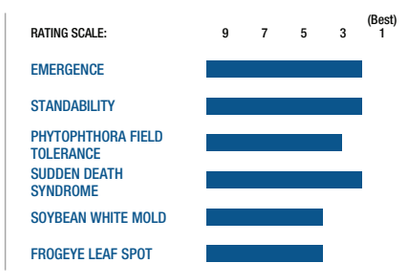
NK33-W2E3S Brand

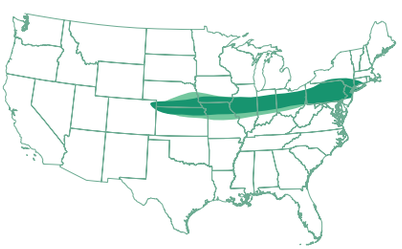
FIELD FORGED SERIES

RM 3.3

Proven top-end yield potential with stability across acres

- Broadly adapted with great performance on highly productive acres
- Excellent choice for any soil type including fine textured and poorly drained soils
- Outstanding tolerance to SDS allows for early planting





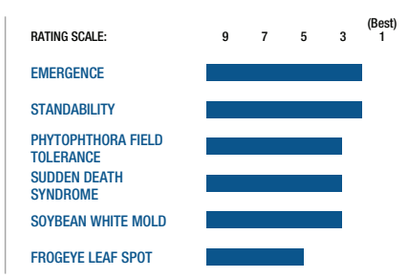
Enlist E3 SOYBEANS | STS

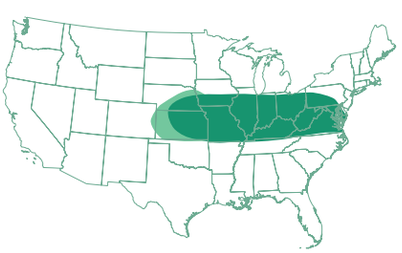
S35-E3 Brand

RM 3.5

Superior performance across geographies

- Very strong yield potential across multiple years
- Reliable Sudden Death Syndrome tolerance
- Exceptional Southern Stem Canker protection





Enlist E3 SOYBEANS

NK has earned my acres because I see consistency in standability for harvesting, and it can handle dry spells quite well and still hold itself together. That's pretty important to me."

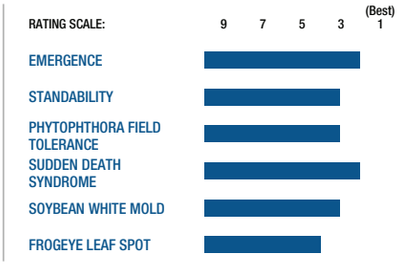
ALLAN RIECK | FARMER
LAKE PRESTON, SOUTH DAKOTA

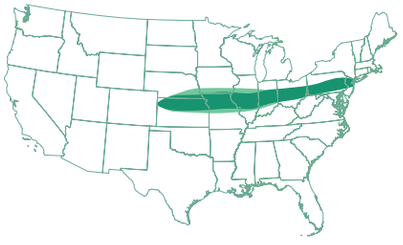
NK36-H9E3S Brand

RM **3.6**

Broadly adapted with stable performance across environments

- Superb Sudden Death Syndrome tolerance
- Dependable standability all season long
- Rps1k gene with reliable Phytophthora Root Rot field tolerance





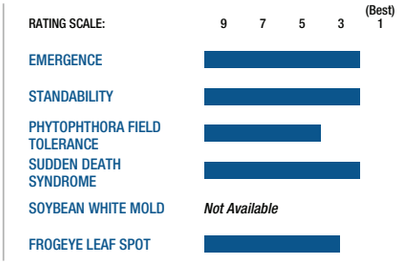
Enlist E3 SOYBEANS | STS

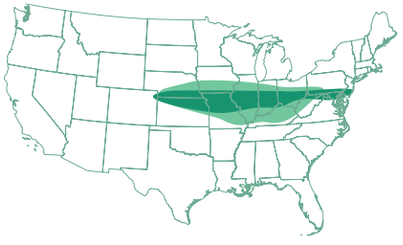
NK37-C1E3 Brand

NEW RM **3.7**

Excellent standability with top-end yield potential

- Superb SDS tolerance with proven IDC protection
- Versatile to plant on any soil or drainage type
- Great choice for highly productive acres





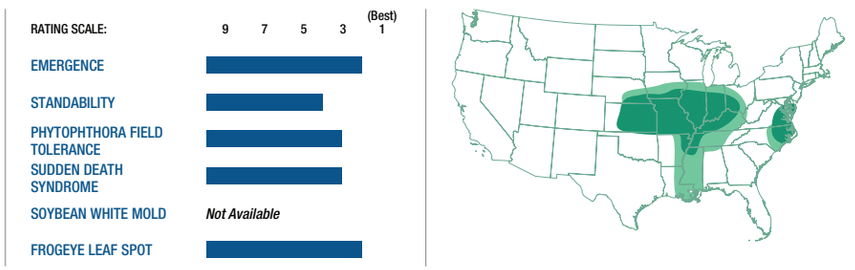
Enlist E3 SOYBEANS

NK37-V4E3S Brand

RM 3.7

Outstanding performance protected by a great defensive package

- Excellent tolerance to Frogeye Leaf Spot and solid SDS protection
- Robust plant type with STS tolerance for double crop acres
- Stable yield potential in all drainage situations



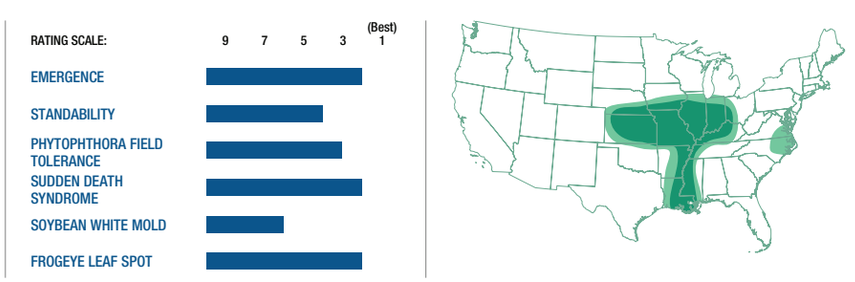
Enlist E3 SOYBEANS | STS

NK39-T5E3S Brand

RM 3.9

Versatile product with exceptional yield potential on tough acres

- Rugged plant type with STS tolerance and Excluder gene
- Superb protection from SDS, Frogeye Leaf Spot and Southern Stem Canker
- Excellent choice for stress acres



Enlist E3 SOYBEANS | STS

NK39-J2E3 Brand

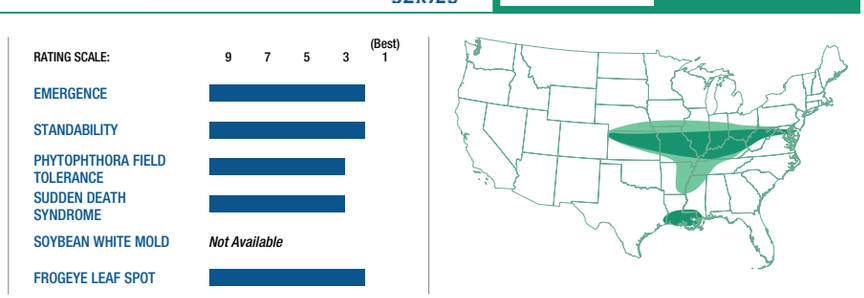
FIELD FORGED SERIES

NEW

RM 3.9

Exciting performance across the entire MG 3 growing area

- Stable performance regardless of soil or drainage type
- Reliable protection against PRR, SDS, FELS, and IDC
- Good choice to move South of zone



Enlist E3 SOYBEANS

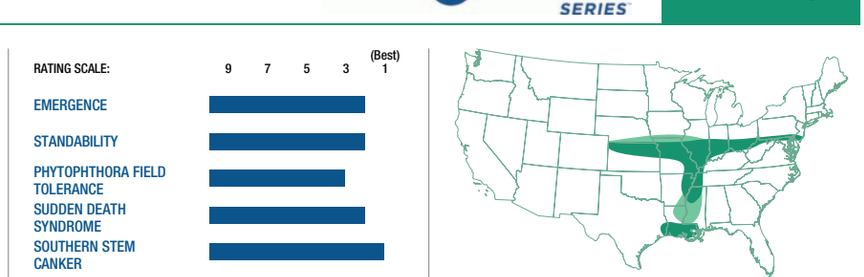
NK40-P5E3 Brand

FIELD FORGED SERIES

RM 4.0

Workhorse reliability with top-end yield potential

- Very good Phytophthora Root Rot and SDS tolerance
- Excels on poorly drained, fine textured soils
- Great standability with the Excluder gene



Enlist E3 SOYBEANS

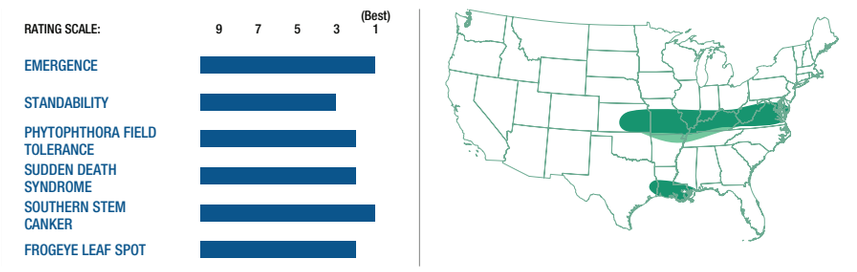
NK42-A6E3S Brand

FIELD FORGED SERIES

NEW RM **4.2**

Superb performance with great agronomics

- Broadly adapted across soil types and drainage classes
- STS Excluder with robust plant type for first crop or double crop acres
- Excellent disease tolerance to maximize yield potential



Enlist E3 SOYBEANS | STS

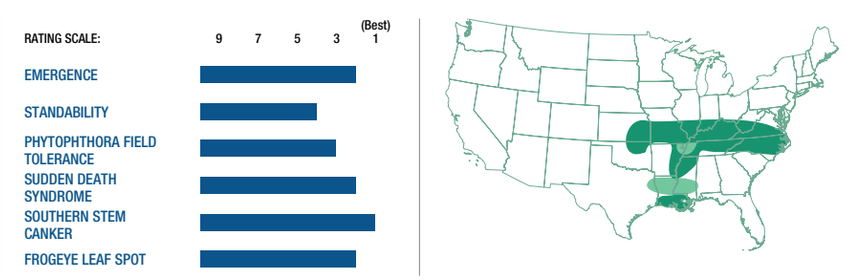
NK44-Q5E3S Brand

FIELD FORGED SERIES

RM **4.4**

Widely adapted with STS tolerance

- Excellent performance on fine to medium textured soils
- Robust defensive package for tough acres
- Great choice for either dryland or irrigated acres



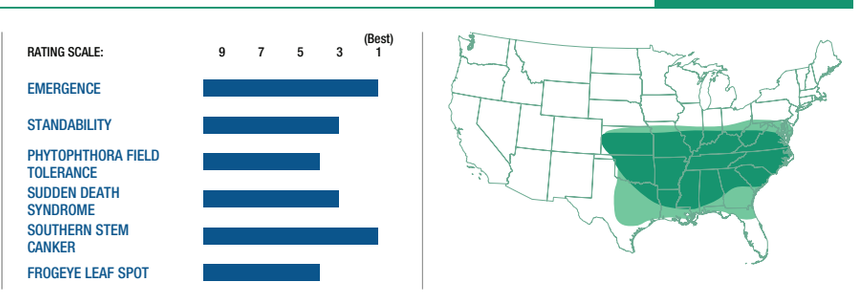
Enlist E3 SOYBEANS | STS

S46-E3S Brand

RM **4.6**

Top performance with STS tolerance and Chloride Excluder

- Well suited for either dryland or irrigated acres
- Excellent choice for clay soils
- Tremendous Southern Stem Canker tolerance



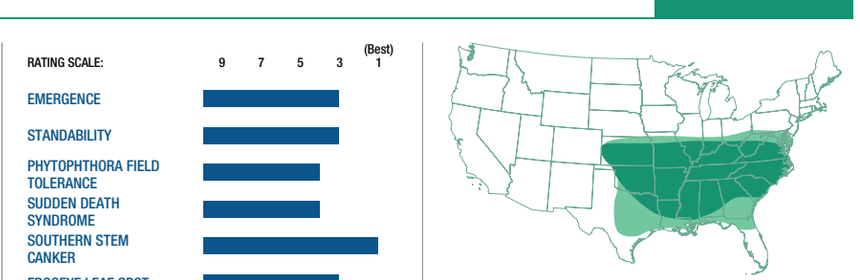
Enlist E3 SOYBEANS | STS

NK49-T6E3S Brand

RM **4.9**

Great combination of STS tolerance, Excluder gene, and performance

- Robust plant type for drought stressed acres
- Very good Frogeye Leaf Spot tolerance
- Excels on fine textured, poorly drained soils



Enlist E3 SOYBEANS | STS

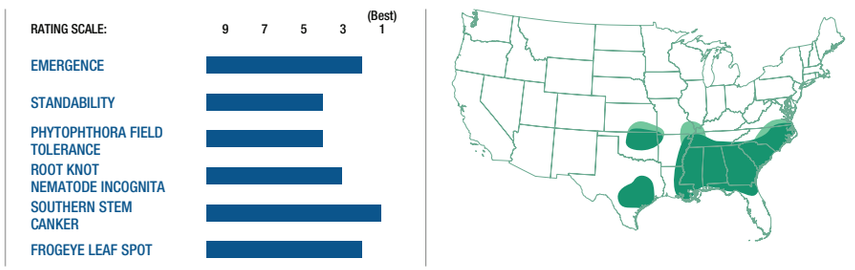
NK52-D6E3 Brand

FIELD FORGED SERIES

RM 5.2

Fantastic yield potential with RKN tolerance and the Excluder gene

- Unique genetics for all MG 5 Enlist E3 soybean acres
- Broadly adapted to any soil type and drainage class
- Rugged plant type that delivers exceptional stress tolerance



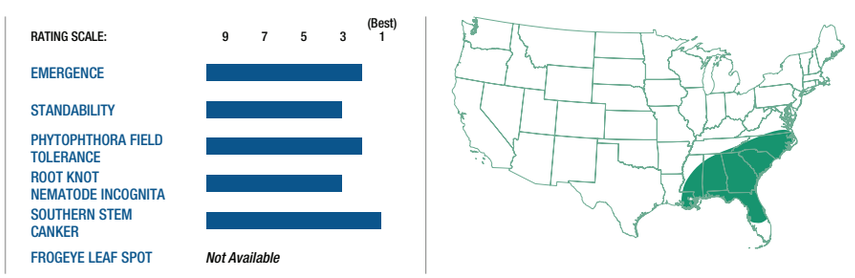
Enlist E3 SOYBEANS

NK65-H5E3 Brand

RM 6.5

Determinate Enlist E3 soybean with good Root Knot Nematode tolerance

- Great performance on medium to coarse textured soil types
- Adapted to dryland and irrigated acres
- Well suited for narrow and wide row applications



Enlist E3 SOYBEANS

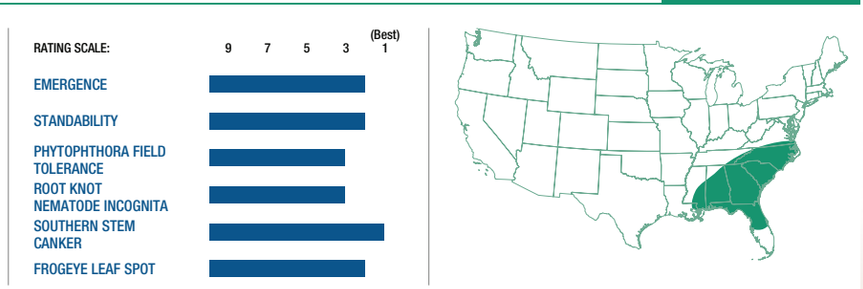
NK68-G2E3S Brand

FIELD FORGED SERIES

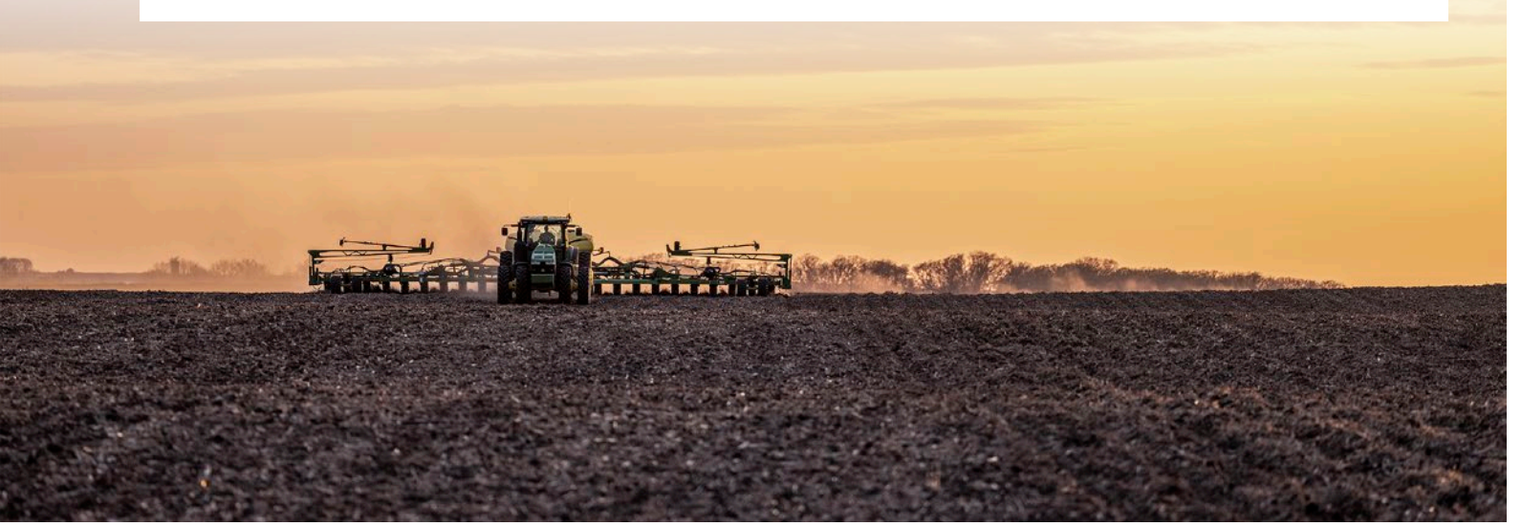
RM 6.8

Exciting new determinate Enlist E3 soybean for the East Coast

- Fantastic performance on medium to coarse textured soils
- Strong Root Knot Nematode tolerance with top-end yield potential
- Adapted to dryland and irrigated acres



Enlist E3 SOYBEANS | STS



FLEXIBLE WEED CONTROL

XtendFlex® soybeans from NK Seeds combines our proven, high-performing soybean genetics with the industry's first triple-stacked herbicide tolerance for greater application flexibility.

XTENDFLEX® SOYBEANS

- Tolerance to dicamba, glyphosate and glufosinate herbicides.
- Application flexibility for managing tough-to-control weeds, preemergence and post-emergence.

NK42-T5XF | **+4.2 Bu/A advantage** over Asgrow® variety AG42XF2
Mississippi | N=29 | 2022

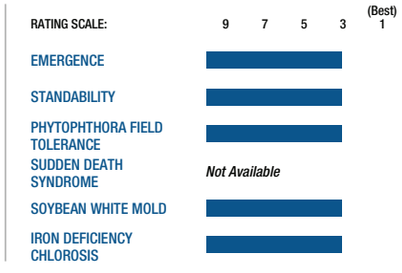
NK008-P8XF Brand

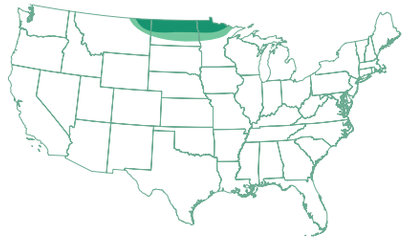
FIELD FORGED SERIES

NEW RM **0.08**

Strong agronomics with top-end yield potential

- Strong combination of IDC and Phytophthora field tolerance
- Broadly adapted across environments and soil types
- Solid standability and tolerance to Soybean White Mold





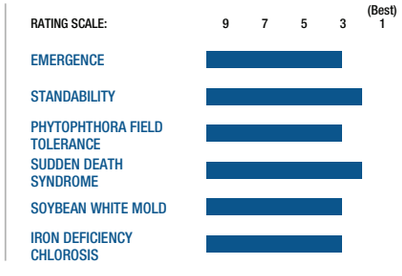
XTENDFLEX® SOYBEANS

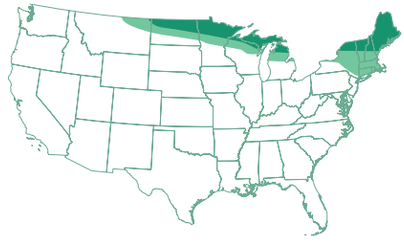
NK009-T1XF Brand

RM **0.09**

Early Soybean Cyst Nematode product with great performance

- Solid Phytophthora Root Rot tolerance enables placement on poorly drained soils
- Genetic background that brings strong tolerance to Soybean White Mold
- Moves South of zone well





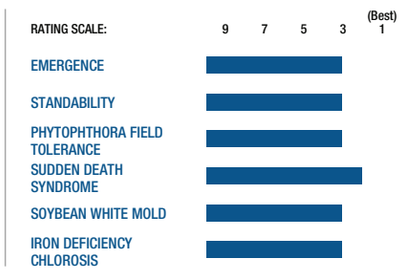
XTENDFLEX® SOYBEANS

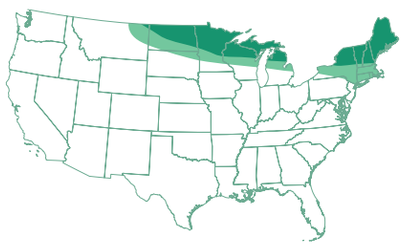
NK02-M4XF Brand

RM **0.2**

S01-C4X type performance with Soybean Cyst Nematode resistance

- Dependable standability and strong tolerance to Soybean White Mold
- Solid Phytophthora Root Rot field tolerance
- Good fit for both highly productive and stress acres





XTENDFLEX SOYBEANS

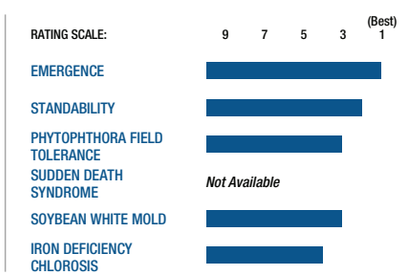
NK03-J1XF Brand

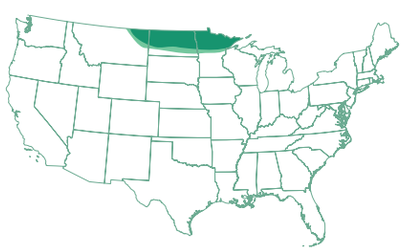
NEW

RM **0.3**

Western adapted product with strong drought tolerance

- Excellent emergence for acres with tougher seedbeds
- Rps3a gene with very good Phytophthora field tolerance
- Strong Soybean White Mold tolerance





XTENDFLEX SOYBEANS

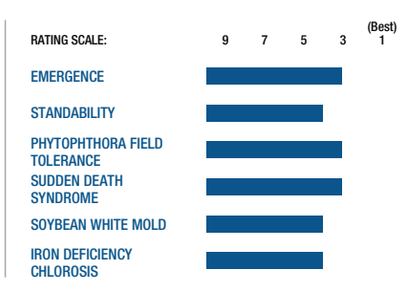
NK05-W3XF Brand

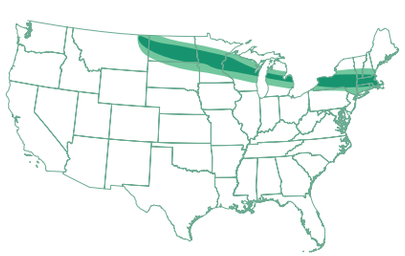
FIELD FORGED SERIES

RM **0.5**

Excellent yield potential with stress tolerance

- Rps1c gene with strong field tolerance to Phytophthora Root Rot
- Great performance on poorly drained and drought prone soils
- Good stem dry down and pod height for easy cutting





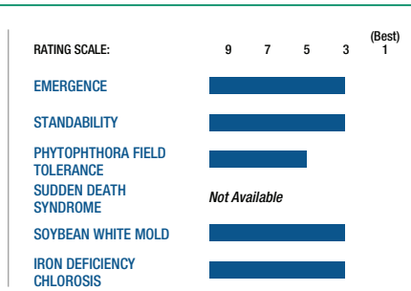
XTENDFLEX SOYBEANS

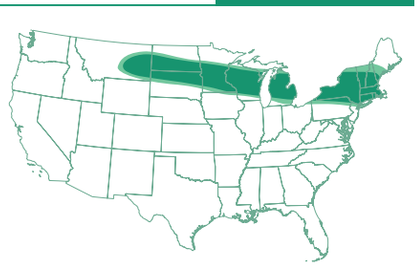
NK06-P2XF Brand

RM **0.6**

Proven genetics with stable performance

- Very good Iron Deficiency Chlorosis tolerance with the Excluder gene
- Solid tolerance to Soybean White Mold
- Moderate plant height with dependable standability





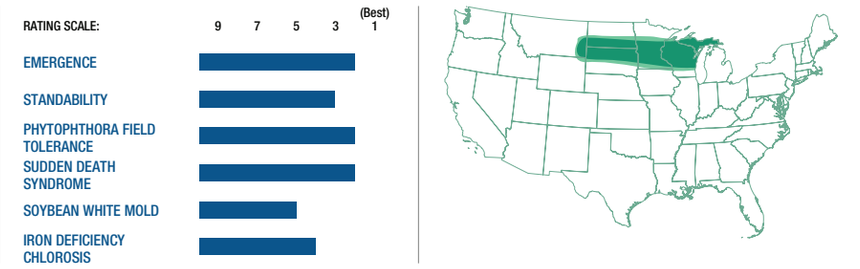
XTENDFLEX SOYBEANS

NK07-B1XF Brand

NEW RM **0.7**

Great performance across yield levels with very good drought tolerance

- Rps3a gene with excellent Phytophthora field tolerance and outstanding emergence
- Moves South of zone well with great SDS tolerance
- Top-end yield potential with strong standability



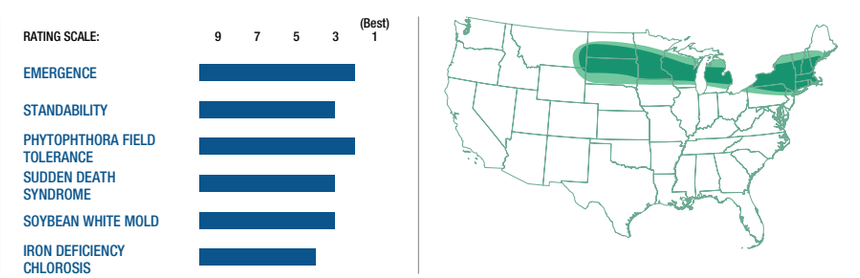
TENDFLEX SOYBEANS

NK09-B5XF Brand

RM **0.9**

Fresh genetics with broad placement

- Medium-short plant type with very good standability
- Rps1c/3a gene stack provides excellent Phytophthora Root Rot protection
- Strong tolerance to Soybean White Mold



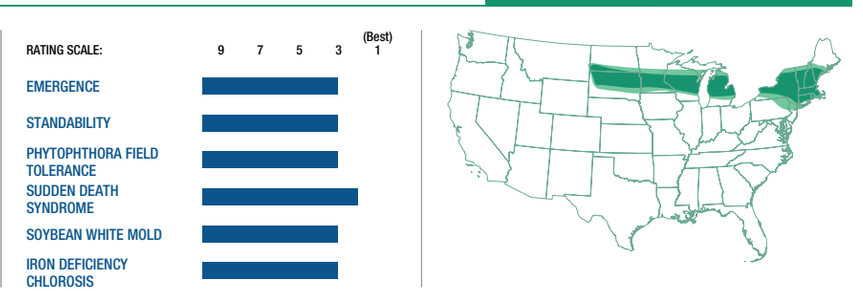
TENDFLEX SOYBEANS

NK11-U2XF Brand

NEW RM **1.1**

The next generation of high performing genetics

- Strong tolerance to IDC paired with the Chloride Excluder gene
- Rps3a with dependable field tolerance to Phytophthora Root Rot
- Medium-tall plant type with very good standability and tolerance to White Mold



TENDFLEX SOYBEANS

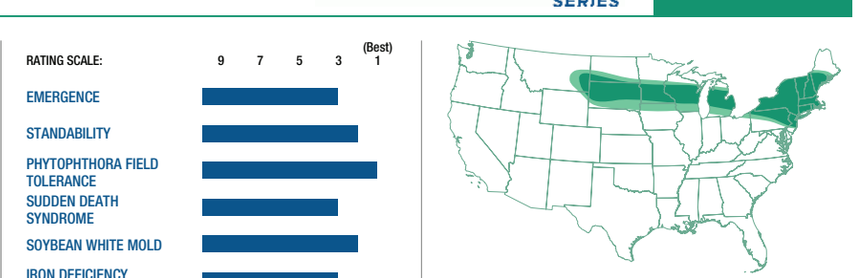
NK13-Y4XF Brand

FIELD FORGED SERIES

RM **1.3**

Trusted genetics with impressive agronomics

- Broadly adapted across soil types to allow for easy placement
- Rps1c/3a gene stack with strong performance in saturated soils
- Very strong Soybean White Mold tolerance with excellent standability



TENDFLEX SOYBEANS

I've seen over the last few years some new NK products that have come to fruition that have performed very well for us, and therefore I think that's why we'll continue to use those products on our farm."

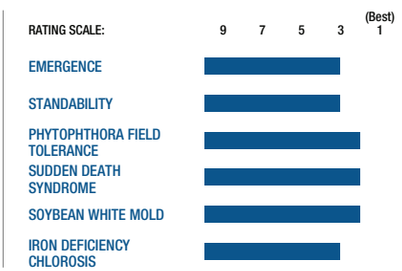
VADEN HELLERICH | FARMER
VALPARAISO, NEBRASKA

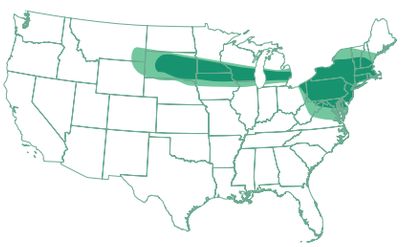
NK14-C7XF Brand

RM **1.4**

Consistent performance with a complete defensive package

- Proven genetics that are broadly adapted across soil types
- Strong standability with excellent tolerance to Soybean White Mold
- Good choice for poorly drained soils





XTENDFLEX SOYBEANS

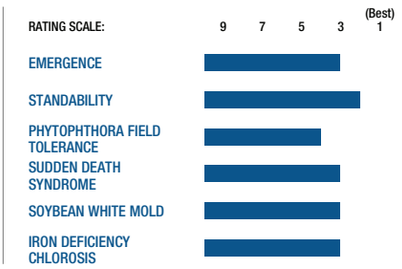
NK17-M2XF Brand

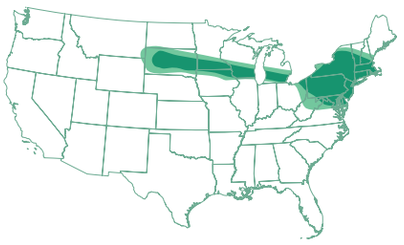
FIELD FORGED SERIES

RM **1.7**

Trusted genetics bring excellent yield potential for maturity

- Medium-tall plant type with great standability
- Very good tolerance to Sudden Death Syndrome
- Strong performance across yield environments





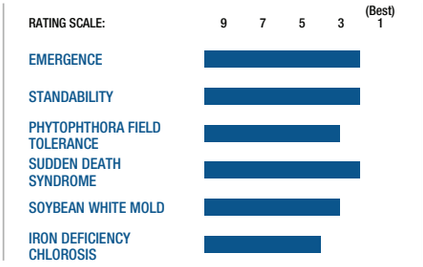
XTENDFLEX SOYBEANS

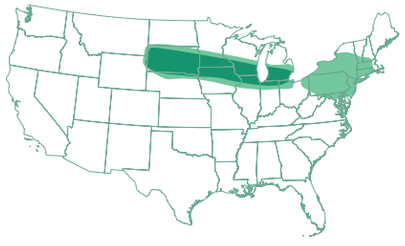
NK18-D1XF Brand

NEW RM **1.8**

New genetic combination delivers big yield potential

- Rps1k/3a gene stack provides solid tolerance to Phytophthora Root Rot
- Excellent standability paired with strong tolerance to Soybean White Mold
- Great tolerance to Sudden Death Syndrome





TENDFLEX SOYBEANS

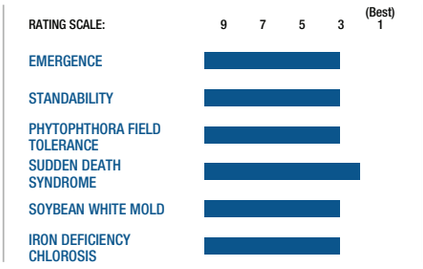
NK20-K2XF Brand

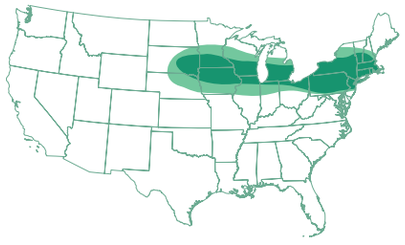
FIELD FORGED SERIES

NEW RM **2.0**

Proven high performing genetics with IDC tolerance

- Broadly adapted with best performance in high yielding environments
- Solid defensive package with with very good PRR tolerance for use on poorly drained acres
- Excellent drought stress tolerance and very good standability





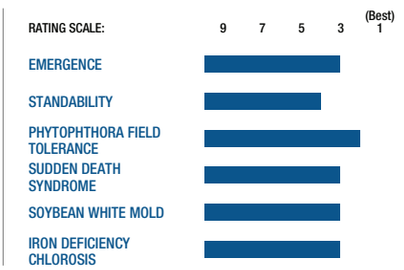
TENDFLEX SOYBEANS

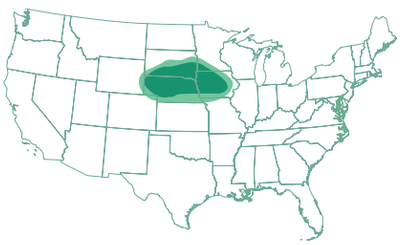
NK21-H4XF Brand

RM 2.1

Exceptional yield potential with great defensive traits

- Widely adapted while thriving on poorly drained soils
- Very good protection against Phytophthora Root Rot, Sudden Death Syndrome and Iron Deficiency Chlorosis
- Strong performance moving South of zone





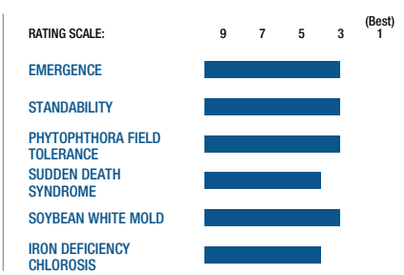
TENDFLEX SOYBEANS

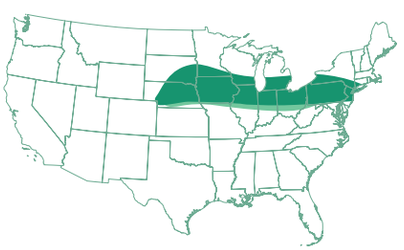
NK23-T9XF Brand

RM 2.3

Exciting Soybean White Mold genetics protect yield potential

- Widely adapted with best performance on fine and medium textured soils
- Dependable standability all season long
- Good choice to move South of zone





TENDFLEX SOYBEANS

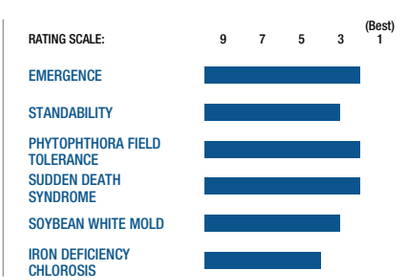
NK25-C9XF Brand

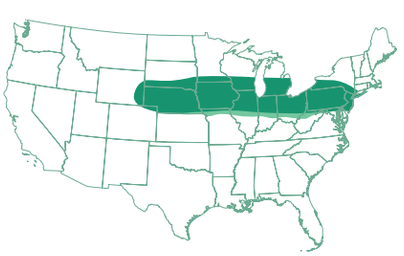
FIELD FORGED SERIES

RM 2.5

Excellent performance with great SDS protection

- Versatile, performing well North and South of zone
- Superb SDS tolerance paired with strong Cyst Nematode resistance
- Sound option for Cyst IDC acres





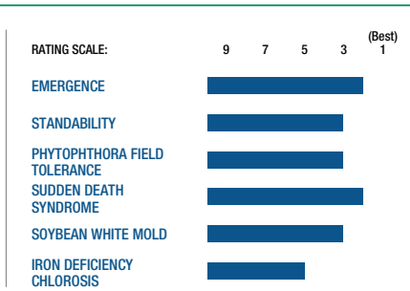
TENDFLEX SOYBEANS

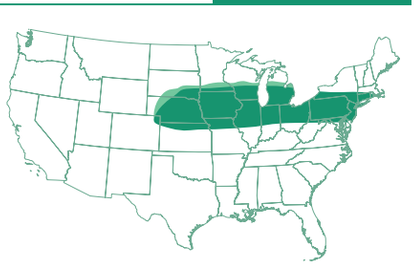
NK27-A7XF Brand

RM 2.7

Exciting genetics with top-end yield potential

- Widely adapted with outstanding Sudden Death Syndrome tolerance
- Strong Phytophthora Root Rot field tolerance with Rps1c gene
- Very good standability for productive acres





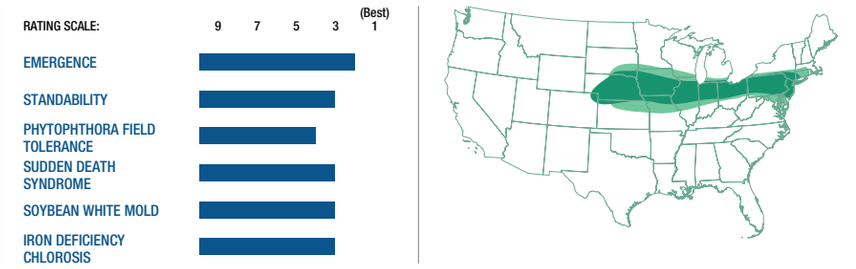
TENDFLEX SOYBEANS

NK28-P6XF Brand

NEW RM **2.8**

Exciting tank bean for any MG 2 acre

- Broadly adapted with strong top-end yield potential
- Excels in fine textured and poorly drained soils
- Excellent choice for fields with a history of SDS, SWM or IDC



XTENDFLEX SOYBEANS

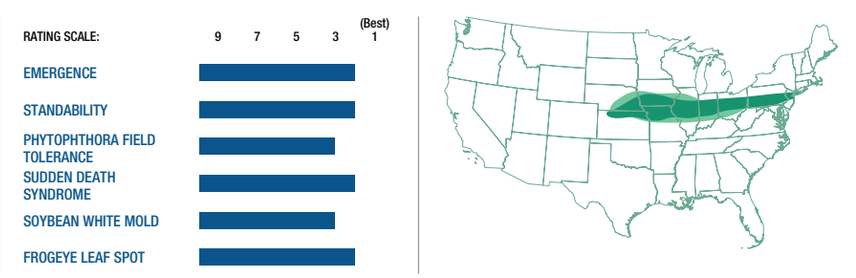
NK30-U4XF Brand

FIELD FORGED SERIES

RM **3.0**

Spectacular bulk tank bean with broad adaptation

- Excellent standability and top-end yield punch
- Excels in highly productive soils
- Dependable agronomics enable easy placement



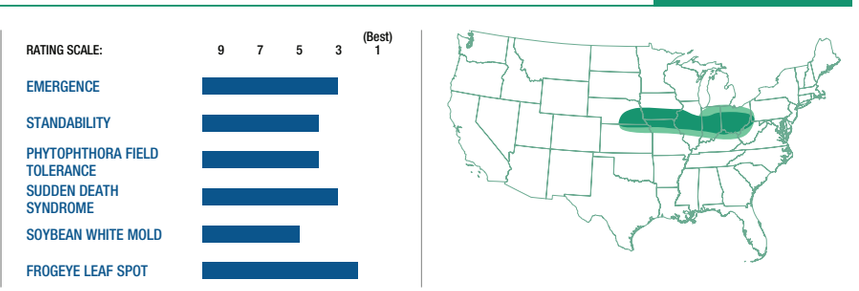
XTENDFLEX SOYBEANS

NK31-J9XF Brand

RM **3.1**

Versatile product with exceptional yield potential

- Best performance in high yield environments
- Handles any soil type, texture or drainage situation
- Solid SDS tolerance with the Frogeye Leaf Spot gene to protect bushels



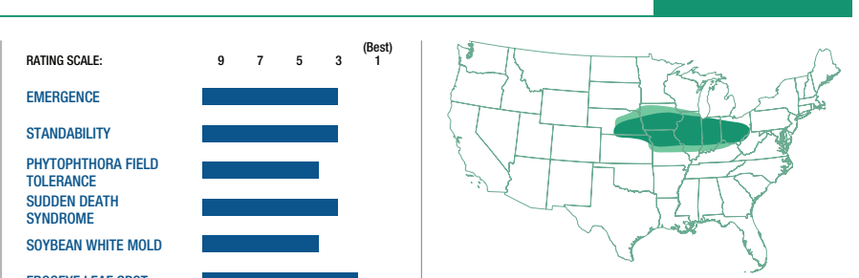
XTENDFLEX SOYBEANS

NK34-G1XF Brand

RM **3.4**

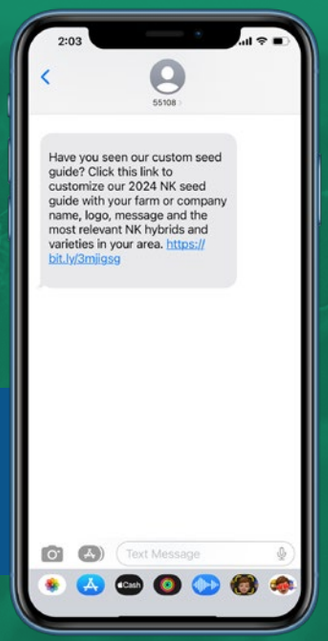
Maximizes yield potential across environments

- Great performance both North and South of zone
- Solid disease package supports top-end yield potential
- Broadly adapted across soil types



XTENDFLEX SOYBEANS

GET REAL-TIME UPDATES STRAIGHT TO YOUR PHONE



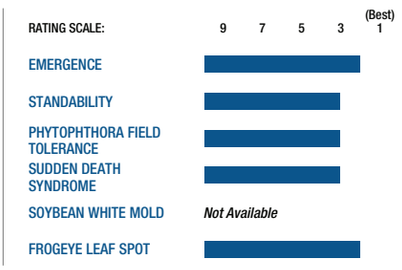
Sign up for text messages from NK by texting JOIN to 55108.

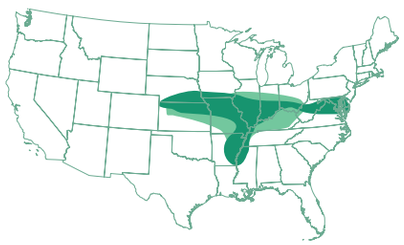
NK37-B7XFS Brand

NEW RM **3.7**

Excellent performance in broadly adapted genetics

- Top-end yield potential with rugged stress tolerance
- Ability to handle fine textured and poorly drained soils
- Versatile product suited for any management style





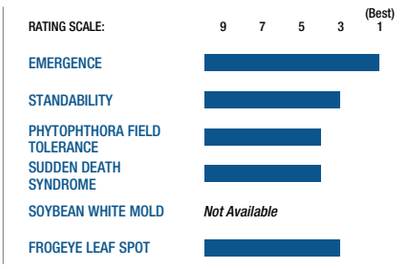
XTENDFLEX SOYBEANS | STS

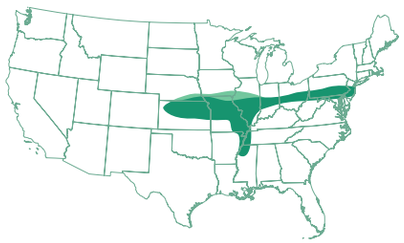
NK38-G9XF Brand

RM **3.8**

Stable across all environments with strong Western adaptation

- Major parent provides good stress tolerance
- Versatile product to plant on any soil type
- Dependable Charcoal Root Rot tolerance to protect yield potential





XTENDFLEX SOYBEANS

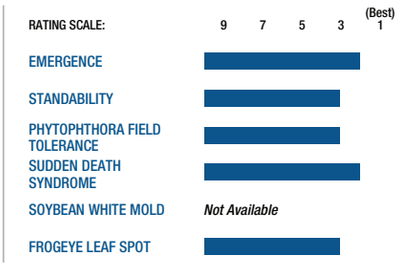
NK39-M8XF Brand

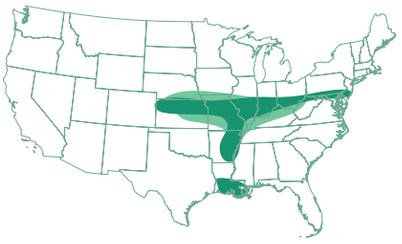
FIELD FORGED SERIES

RM 3.9

Awesome top-end yield potential and proven defensive package

- Broadly adapted genetic background with proven Charcoal Root Rot tolerance
- Flexible for placement on all soil types
- Outstanding tolerance to SDS





TENDFLEX SOYBEANS

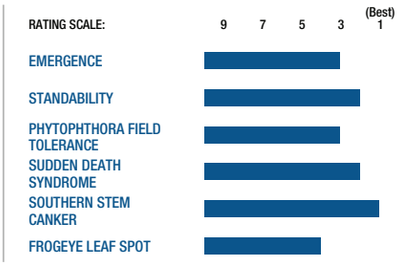
NK42-T5XF Brand

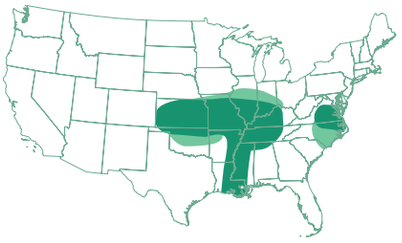
FIELD FORGED SERIES

RM 4.2

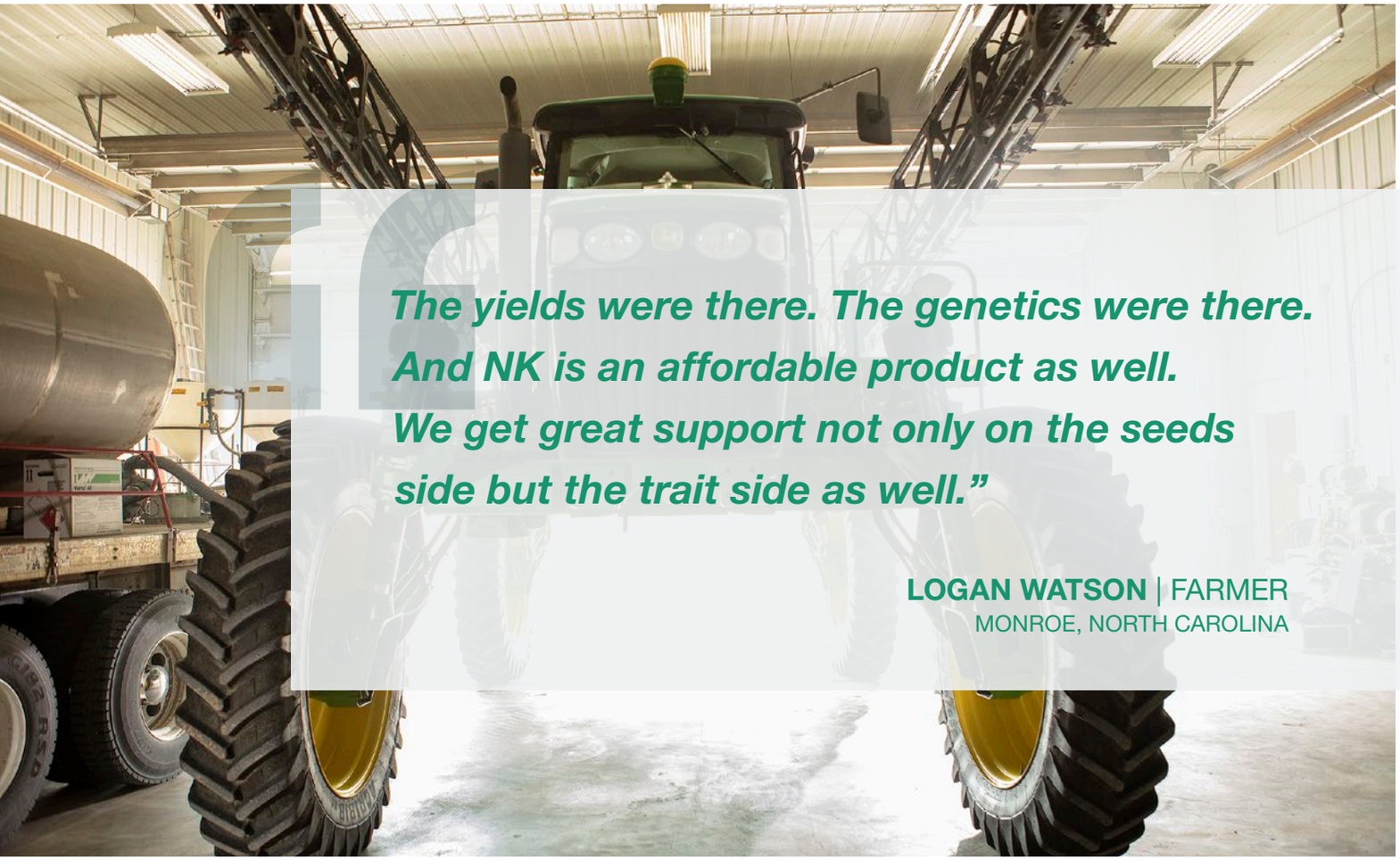
Widely adapted with top-end yield potential

- Great standability with solid Sudden Death Syndrome tolerance
- Recommended for both irrigated and dryland acres
- Reliable performance across all soil types





TENDFLEX SOYBEANS



The yields were there. The genetics were there. And NK is an affordable product as well. We get great support not only on the seeds side but the trait side as well."

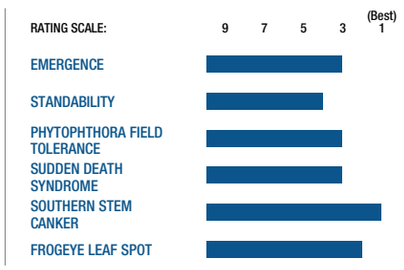
LOGAN WATSON | FARMER
MONROE, NORTH CAROLINA

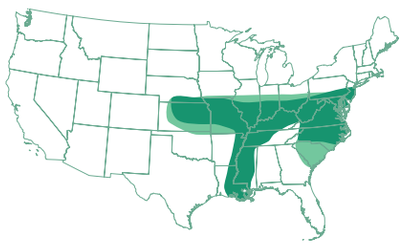
NK43-V8XF Brand

RM 4.3

Proven genetics with great defense

- Excellent tolerance to Frogeye Leaf Spot
- Equally impressive on both dryland and irrigated acres
- Broadly adapted with strong SDS tolerance





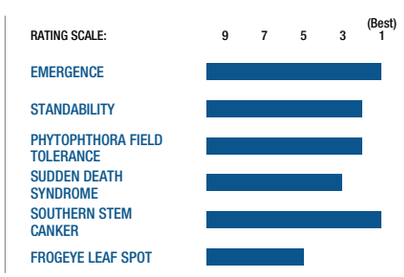
TENDFLEX SOYBEANS

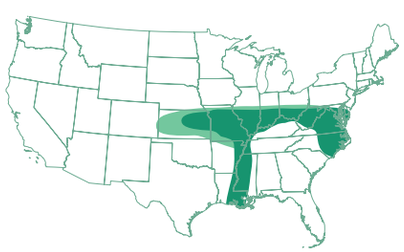
NK43-Y9XFS Brand

RM 4.3

Exciting STS tolerant variety with excellent yield potential

- Excellent standability for the highly productive acre
- Impressive performance on any soil type
- Broadly adapted to dryland and irrigated acres





TENDFLEX SOYBEANS | STS

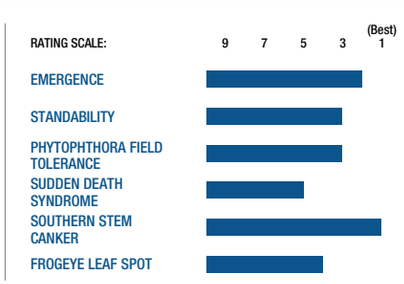
NK44-J4XFS Brand

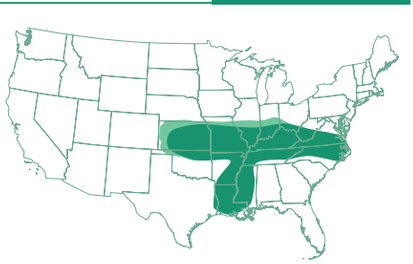
FIELD FORGED SERIES

RM 4.4

Proven genetics that deliver top-end yield potential

- Strong standability for an easy harvest
- STS tolerance with great double crop yields
- Broad adaptation allows for easy placement





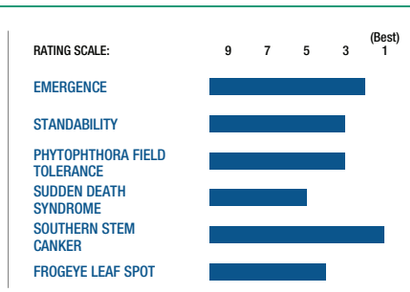
TENDFLEX SOYBEANS | STS

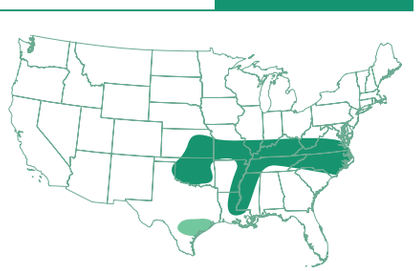
NK46-B4XFS Brand

RM 4.6

Top-end yield potential with STS tolerance

- Adapted to all soil types with impressive performance from West to East
- Great choice for highly productive environments
- Excels on dryland or double crop acres





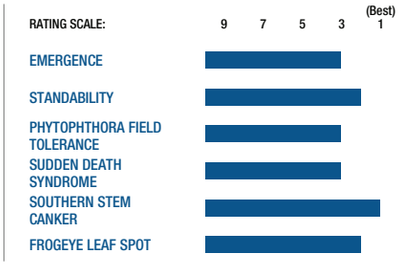
TENDFLEX SOYBEANS | STS

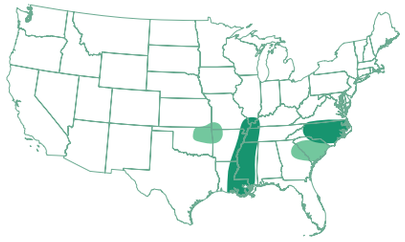
NK47-Z1XF Brand

RM **4.7**

Chloride Excluder bean with superb agronomics

- Great performance on medium to fine textured soils
- Solid Phytophthora Root Rot tolerance for poorly drained soils
- Excellent Frogeye Leaf Spot and Southern Stem Canker tolerance





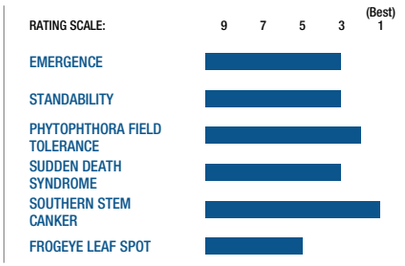
TENDFLEX SOYBEANS

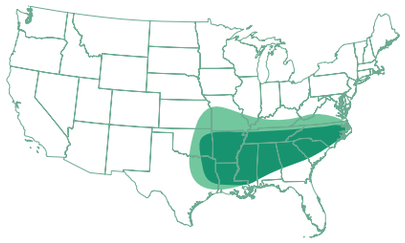
NK48-A8XFS Brand

NEW RM **4.8**

Fantastic combination of RKN and STS tolerance with dependable performance

- Broadly adapted across soil types and drainage classes
- Great choice for dryland or irrigated acres
- Very good tolerance to IDC, PRR, and SDS





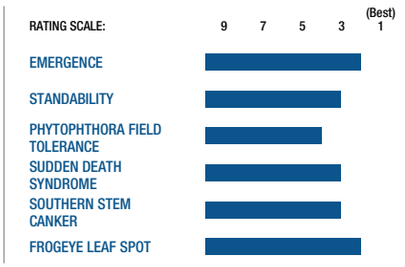
TENDFLEX SOYBEANS | STS

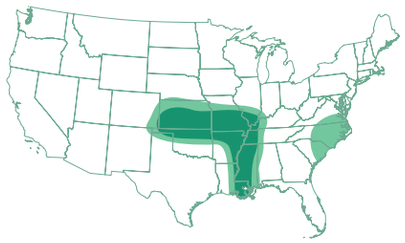
NK48-H3XFS Brand

RM **4.8**

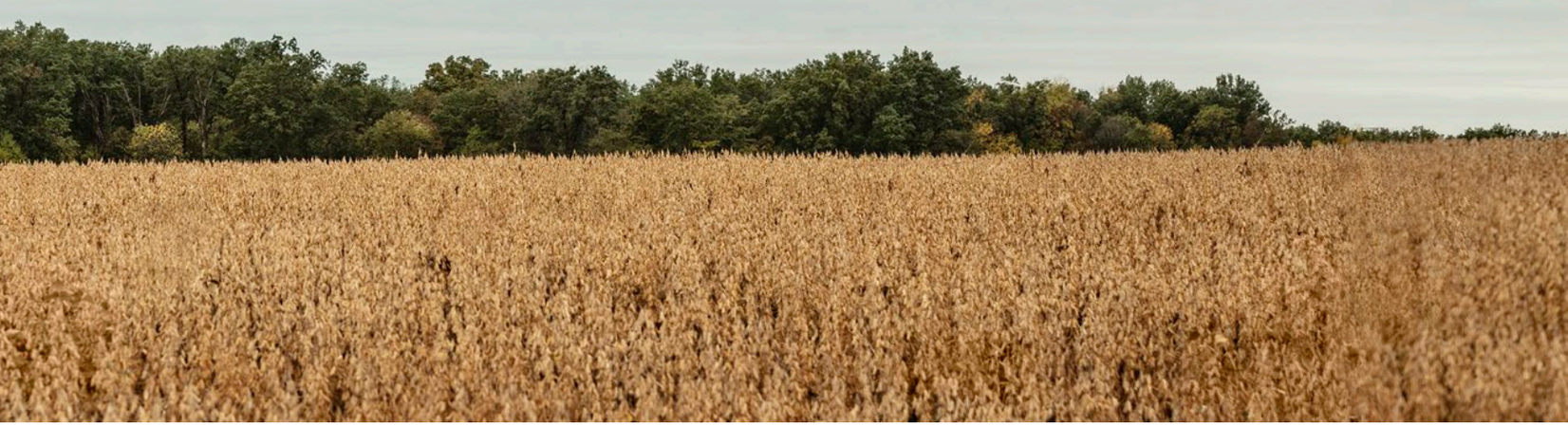
Fantastic yield potential with STS tolerance

- Widely adapted to all soil types
- Great performance on poorly drained soils
- Excellent tolerance to Frogeye Leaf Spot





TENDFLEX SOYBEANS | STS



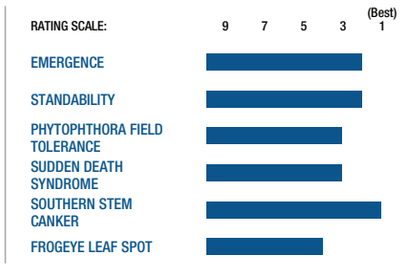
NK49-C2XFS Brand

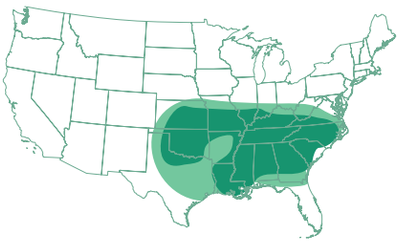
FIELD FORGED SERIES

NEW RM 4.9

Loaded with defensive options to protect top-end yield potential

- Exciting combination of STS and Chloride Excluder
- Great standability with very good Phytophthora Root Rot tolerance
- Broadly adapted to all soil and drainage types





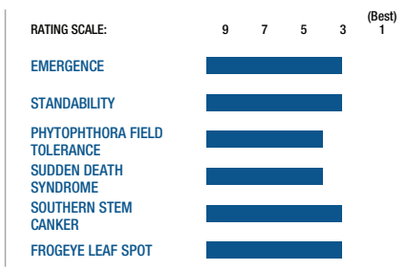
XTENDFLEX SOYBEANS | STS

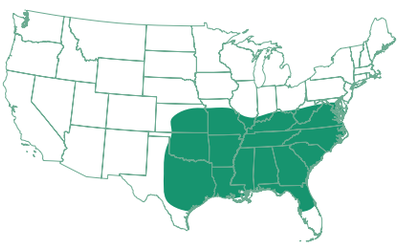
S49-F5X Brand

RM 4.9

Fantastic yields with the Excluder gene

- Broadly adapted with strong tolerance to Frogeye Leaf Spot
- Performs equally well on dryland or irrigated acres
- Rps1k gene with solid tolerance to Southern Stem Canker





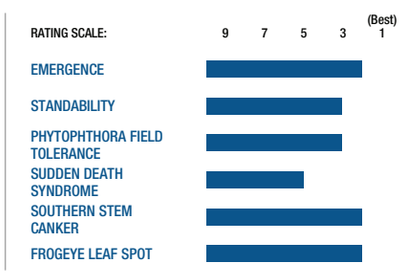
ROUNDUP READY 2 XTEND SOYBEANS

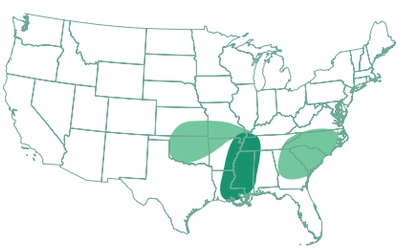
NK49-N7XF Brand

NEW RM 4.9

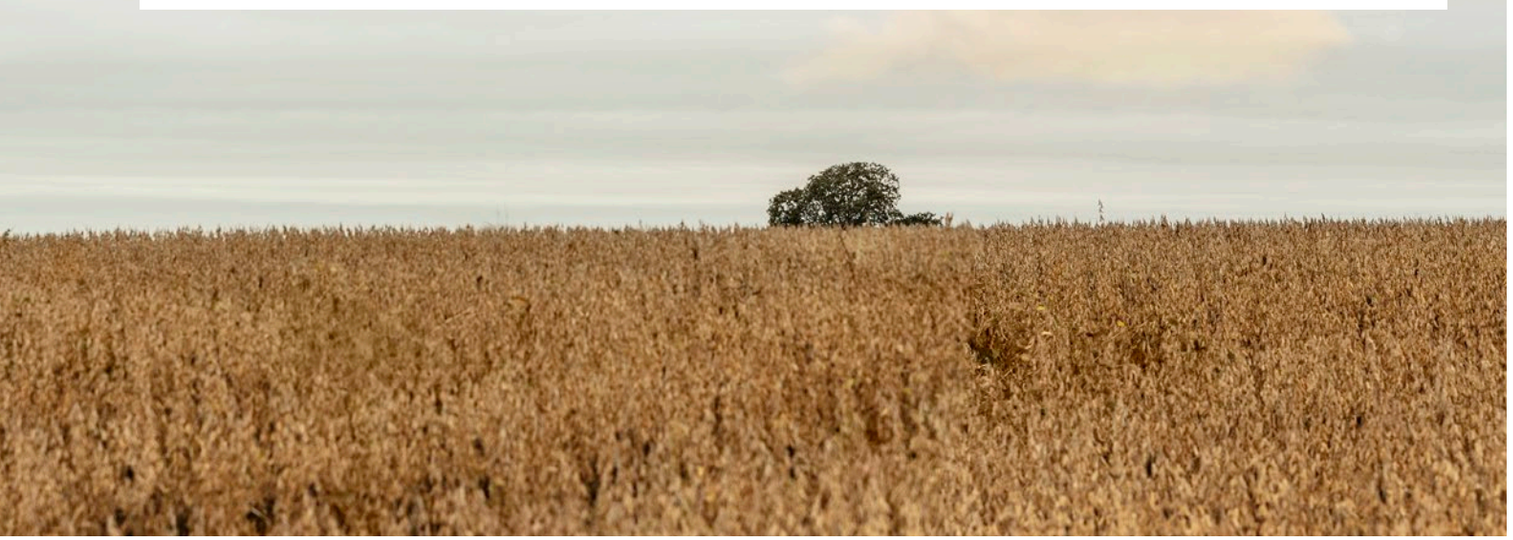
Excluder variety that excels on heavy clay soils

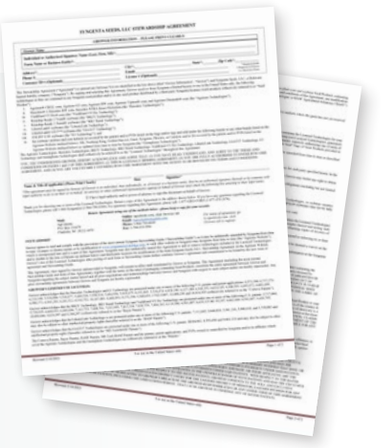
- Proven genetics that are broadly adapted across soil types
- Excellent tolerance to Frogeye Leaf Spot and Southern Stem Canker
- Rps1c with very good field tolerance to Phytophthora Root Rot





XTENDFLEX SOYBEANS





PROTECT AND PRESERVE

Prior to planting NK® soybean varieties with the Enlist E3® soybean, Roundup Ready 2 Xtend® soybean and XtendFlex® soybean traits, farmers are required to sign a Syngenta Stewardship Agreement. This agreement outlines the terms and conditions of growing soybean varieties with Enlist E3, Roundup Ready 2 Xtend and XtendFlex soybean traits.

Farmers must sign and have on file the US03 version of the Syngenta Stewardship Agreement by June 30, annually.

Agreements can be sent using the one of the following four methods:

ONLINE	EMAIL	FAX	MAIL
agcelerate.com	agreements@agdata.com	1-704-919-5581	AgCelerate ATTN: Stewardship P.O. Box 221679 Charlotte, NC 28222-1678

Use only one method; originals are not required. It is important that you keep a copy of the Syngenta Seeds Stewardship Agreement for your records.

NK52-V1XF Brand

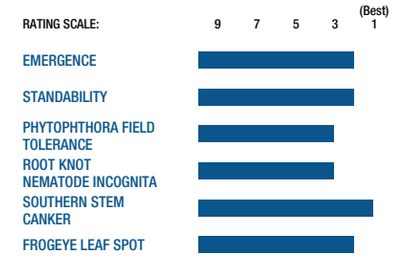
FIELD FORGED SERIES

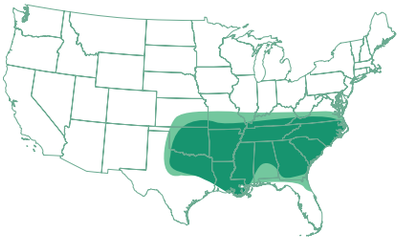
NEW

RM 5.2

Root Knot Nematode tolerance with fantastic yield potential

- Excellent SDS and Frogeye Leaf Spot tolerance
- Excels on medium to coarse textured soils
- Adapted to dryland or irrigated acres





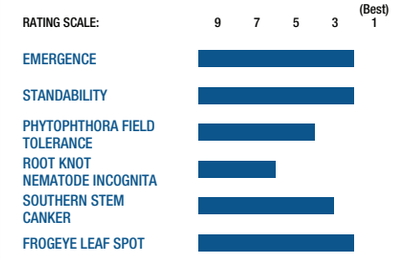
XTENDFLEX SOYBEANS

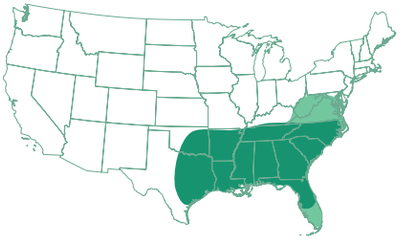
S53-F7X Brand

RM 5.3

Superb performance with great agronomics

- Great combination of Sudden Death Syndrome and Frogeye Leaf Spot tolerance
- Strong tolerance to Iron Deficiency Chlorosis
- Indeterminate growth habit to maximize yields on any acre





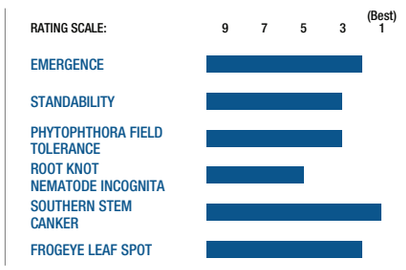
ROUNDUP READY 2 XTEND SOYBEANS

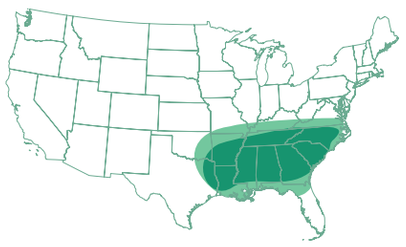
NK54-J9XFS Brand

NEW RM **5.4**

Exciting new genetics for all MG 5 acres

- Well suited to both irrigated and dryland acres
- Attractive tawny tan variety with STS tolerance
- Impressive yield potential with great defense





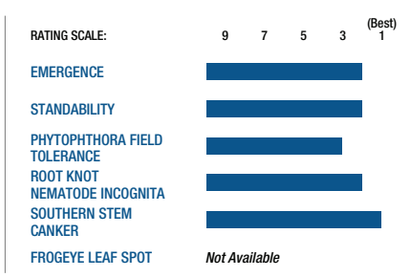
TENDFLEX SOYBEANS | STS

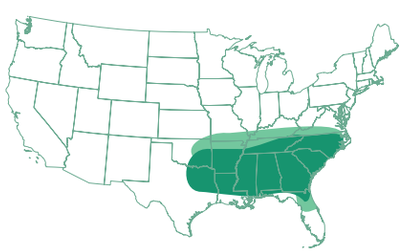
NK56-Z6XFS Brand

NEW RM **5.6**

Workhorse dependability with exciting yield potential

- Broadly adapted to all soil types
- Great choice for either dryland or irrigated acres
- Outstanding Root Knot Nematode tolerance





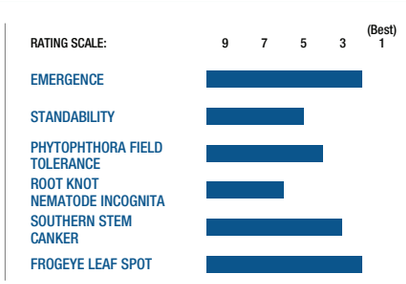
TENDFLEX SOYBEANS | STS

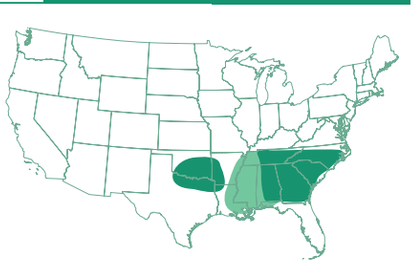
NK57-H5XF Brand

NEW RM **5.7**

Excluder variety with workhorse dependability

- Attractive tawny tan variety that excels on the tough acre
- Great choice for 30 inch or wider row spacing
- Best performance on dryland acres





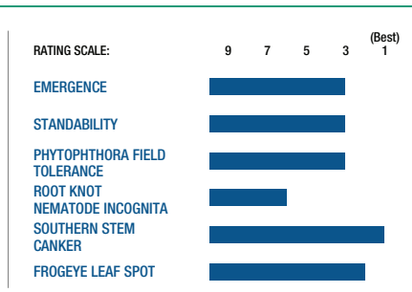
TENDFLEX SOYBEANS

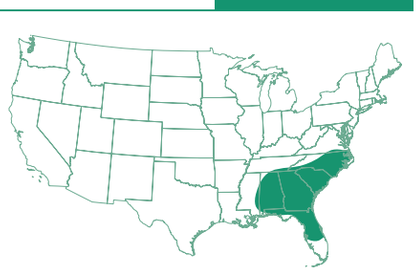
NK64-C5XF Brand

RM **6.4**

Racehorse performance with solid agronomics

- Delivers stable performance across the East Coast growing area
- Performs equally well across soil types
- Great choice for either dryland or irrigated acres





TENDFLEX SOYBEANS

NK67-P1XF Brand

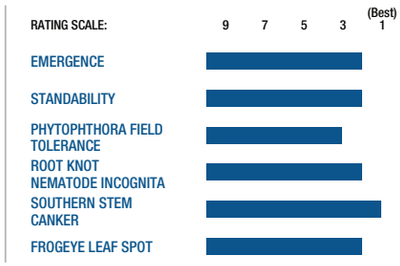
FIELD FORGED SERIES

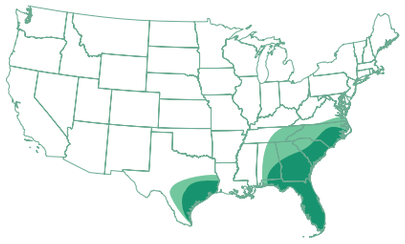
NEW

RM **6.7**

Root Knot Nematode tolerance with top-end yield potential

- Well suited to any MG 6 acre
- Chloride Excluder with excellent tolerance to Frogeye Leaf Spot
- Great choice for first crop or double crop acres





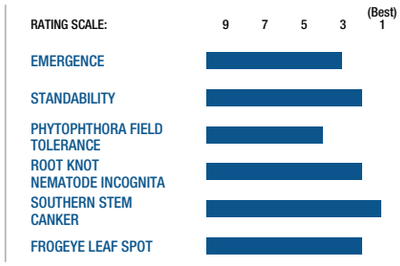
XTENDFLEX SOYBEANS

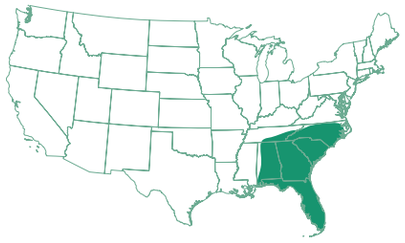
NK69-Q4XF Brand

RM **6.9**

Exciting balance between performance and defense

- Outstanding tolerance to Root Knot Nematode
- Excellent tolerance to Frogeye Leaf Spot and Southern Stem Canker
- Superb standability for an easy harvest





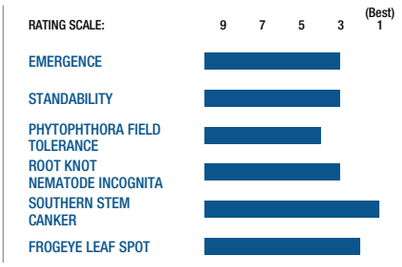
XTENDFLEX SOYBEANS

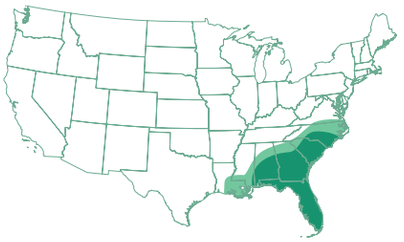
NK72-B2XF Brand

RM 7.2

Reliable performance with great defense

- Solid agronomics for late season storms
- Great choice for Root Knot Nematode acres
- Excellent tolerance to Southern Stem Canker





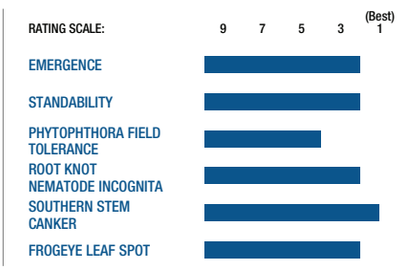
XTENDFLEX SOYBEANS

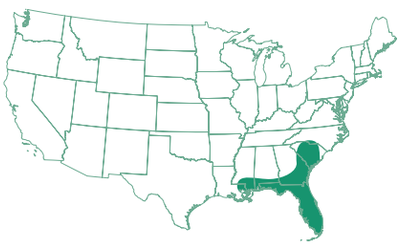
NK77-Y8XF Brand

RM 7.7

Rugged dependability with great Root Knot Nematode tolerance

- Great choice for double crop acres
- Performs best on medium to coarse textured soils
- Excellent standability with excellent tolerance to Southern Stem Canker





XTENDFLEX SOYBEANS

I would say try it. They've got the traits. Whether you want to go Enlist or XtendFlex, NK has it. I like the dealer platform that they're on, and I like the service I get. And the price is always comparable."

ROB SHAFFER | FARMER
EL PASO, ILLINOIS

Maximize Your Bean Potential

The best way to protect your investment is prevention. Maximize your soybean potential with leading Syngenta crop protection and seed treatments to prevent pests and diseases from robbing their yield potential.

SOYBEAN SOLUTIONS

SAFEGUARD YOUR SOYBEANS

WITH LEADING CROP PROTECTION

Tendovo®

Preemergence weed control without compromise.

- Broad-spectrum performance keeps fields cleaner longer and reduces crop stress.
- First-of-its-kind premix combines *S*-metolachlor, metribuzin and cloransulam-methyl.
- Increased potential yield of 4 to 5 Bu/A compared with competitive herbicide brands.[1]

Miravis® Neo

Unmistakably superior disease control and plant health.

- Broader disease control that defends against the top yield-reducing foliar and soil-borne soybean diseases better than competitive brands.
- Helps grow a stronger, healthier crop for more bushels more often, maximizing profit potential at the end of the year.
- A combination of azoxystrobin, propiconazole and ADEPIDYN® technology — one of the highest-performing SDHI molecules on the market.

Miravis® Top

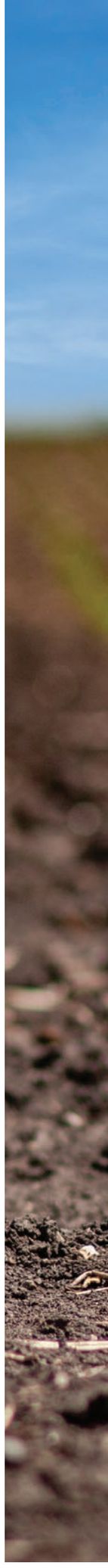
Powerful disease control built for the toughest conditions.

- A new standard for disease control, plant-health benefits and resistance management helps maximize yield and ROI potential.
- Two active ingredients and modes of action to control the toughest soybean diseases, including Frogeye Leaf Spot, Target Spot and Brown Spot.
- Extended residual control and rainfastness to protect foliage throughout the canopy, resulting in optimal photosynthesis and maximal pod fill.

Endigo® ZCX

Better knockdown and longer residual control.

- Optimized formulation with two modes of action: thiamethoxam and lambda-cyhalothrin.
- Broad-spectrum control of insects, including pyrethroid-resistant pests and invasive species.
- Zeon® Technology encapsulation protects the active ingredient for extended residual control.



Endigo ZCX is a Restricted Use Pesticide.

[1] 2020 University trials in AR, IL, MI, MO and OH.

OPTIMIZE PERFORMANCE FROM THE START

WITH PREFERRED SEED TREATMENTS

The Syngenta seed treatment portfolio helps ensure ***maximum performance*** of our advanced genetics by ***providing exceptional protection*** against the early-season diseases, insects and nematodes that threaten your total investment.

Saltro®

Superior SDS protection without the stress.

- Gain +4.0 Bu/A yield improvement over ILEVO® seed treatment under SDS pressure.[2]
- Consistently superior protection from SDS without signs of plant stress, including phytotoxicity, stunting, reduced plant stands, susceptibility to pests or weather and reduced plant growth above and below ground.
- Robust activity against soybean cyst, root knot, reniform, lesion and lance nematodes.

CruiserMaxx® APX

Supercharged protection against early-season diseases and insects from day one.

- Features PCBX — the most powerful *Pythium*- and *Phytophthora*-fighting molecule.
- Protects against *Fusarium*, *Rhizoctonia*, all major seedborne diseases and early-season insects.
- Increased plant vigor and enhanced root health deliver an average 3 to 5 Bu/A yield advantage in moderate to high *Pythium* pressure.[3]

[2] U.S. trials with SDS pressure; 2015-2019. Trial locations = AR, IL, IA, KS, KY, MI, MN, MO, TN and WI.
[3] 2018 Syngenta internal and external trials (TNA054A3-2018US); n = 7: IL, IA, KY, MI, MN, NE and OH.

TOP PRODUCTS

CORN HYBRIDS	SOYBEAN VARIETIES

QUESTIONS/NOTES:

Get answers.
Find your local retailer or NK sales representative.

PLANT POPULATIONS FOR VARIOUS ROW SPACINGS

Plants/Row ft	7.5" Drill	8" Drill	10" Drill	15" Row	30" Row	36" Row	38" Row
1.00	69,696	65,340	52,272	34,848	17,424	14,520	13,756
1.25	87,120	81,675	65,340	43,560	21,780	18,150	17,195
1.50	104,544	98,010	78,408	52,272	26,136	21,780	20,634
1.75	121,968	114,345	91,476	60,984	30,492	25,410	24,073
2.00	139,392	130,680	104,544	69,696	34,848	29,040	27,512
2.25	156,816	147,015	117,612	78,408	39,204	32,670	30,951
2.50	174,240	163,350	130,680	87,120	43,560	36,300	34,389
2.75	191,664	179,685	143,748	95,832	47,916	39,930	37,828
3.00	209,088	196,020	156,816	104,544	52,272	43,560	41,267
3.25	226,512	212,355	169,884	113,256	56,628	47,190	44,706
3.50	243,936	228,690	182,952	121,968	60,984	50,820	48,145
3.75	261,360	245,025	196,020	130,680	65,340	54,450	51,584
4.00	278,784	261,360	209,088	139,392	69,696	58,080	55,023
4.25	296,208	277,695	222,156	148,104	74,052	61,710	58,462
4.50	313,632	294,030	235,224	156,816	78,408	65,340	61,901
4.75	331,056	310,365	248,292	165,528	82,764	68,970	65,340
5.00	348,480	326,700	261,360	174,240	87,120	72,600	68,779
5.25	365,904	343,035	274,428	182,952	91,476	76,230	72,218
5.50	383,328	359,370	287,496	191,664	95,832	79,860	75,657
5.75	400,752	375,705	300,564	200,376	100,188	83,490	79,096
6.00	418,176	392,040	313,632	209,088	104,544	87,120	82,535
6.25	435,600	408,375	326,700	217,800	108,900	90,750	85,974
6.50	453,024	424,710	339,768	226,512	113,256	94,380	89,413
6.75	470,448	441,045	352,836	235,224	117,612	98,010	92,852
7.00	487,872	457,380	365,904	243,936	121,968	101,640	96,291
7.25	505,296	473,715	378,972	252,648	126,324	105,270	99,729
7.50	522,720	490,050	392,040	261,360	130,680	108,900	103,168
7.75	540,144	506,385	405,108	270,072	135,036	112,530	106,607
8.00	557,568	522,720	418,176	278,784	139,392	116,160	110,046
8.25	574,992	539,055	431,244	287,496	143,748	119,790	113,485
8.50	592,416	555,390	444,312	296,208	148,104	123,420	116,924
8.75	609,840	571,725	457,380	304,920	152,460	127,050	120,363
9.00	627,264	588,060	470,448	313,632	156,816	130,680	123,802
9.25	644,688	604,395	483,516	322,344	161,172	134,310	127,241
9.50	662,112	620,730	496,584	331,056	165,528	137,940	130,680
9.75	679,536	637,065	509,652	339,768	169,884	141,570	134,119
10.00	696,960	653,400	522,720	348,480	174,240	145,200	137,558
10.25	714,384	669,735	535,788	357,192	178,596	148,830	140,997
10.50	731,808	686,070	548,856	365,904	182,952	152,460	144,436
10.75	749,232	702,405	561,924	374,616	187,308	156,090	147,875
11.00	766,656	718,740	574,992	383,328	191,664	159,720	151,314
11.25	784,080	735,075	588,060	392,040	196,020	163,350	154,753
11.50	801,504	751,410	601,128	400,752	200,376	166,980	158,192
11.75	818,928	767,745	614,196	409,464	204,732	170,610	161,631
12.00	836,352	784,080	627,264	418,176	209,088	174,240	165,069

Suggested Soybean Final Stand

Suggested Corn Final Stand

FIELD LIST				PLANTING INFORMATION				
FARM/FIELD	ACRES	CROP TYPE	NK PRODUCT	PLANT DATE	PLANTING RATE	DEPTH	TREATMENT	REPLANT/ SPOT PLANT DATE

	STAND/POPULATION INFORMATION		HARVEST INFORMATION						
	EMERGENCE DATE	STAND COUNT	DATE	RATES	DRAIN DATE	HARVEST DATE	MOISTURE	GREEN YIELD	DRY YIELDS

NOTES

All photos are either the property of Syngenta or used with permission.

Product performance assumes disease presence. Performance assessments are based upon results or analysis of public information, field observations and/or internal Syngenta evaluations. Trial reflects treatment rates commonly recommended in the marketplace.

 Important: Always read and follow label instructions. Some products may not be registered for sale or use in all states or counties. Please check with your local extension service to ensure registration status. AAtrex 4L, AAtrex Nine-0, Acuron, Agri-Flex, Agri-Mek 0.15 EC, Agri-Mek SC, Avicta 500FS, Avicta Complete Beans 500, Avicta Complete Corn 250, Avicta Duo Corn, Avicta Duo 250 Corn, Avicta Duo COT202, Avicta Duo Cotton, Besiege, Bicep II Magnum, Bicep II Magnum FC, Bicep Lite II Magnum, Callisto Xtra, Denim, Endigo ZC, Endigo ZCX, Epi-Mek 0.15EC, Expert, Force, Force 3G, Force CS, Force 6.5G, Force Evo, Gramoxone SL 2.0, Gramoxone SL 3.0, Karate, Karate with Zeon Technology, Lamcap, Lamcap II, Lamdec, Lexar EZ, Lumax EZ, Medal II ATZ, Minecto Pro, Proclaim, Tavium Plus VaporGrip Technology, Voliam Xpress and Warrior II with Zeon Technology are Restricted Use Pesticides.

Some seed treatment offers are separately registered products applied to the seed as a combined slurry. **Always read individual product labels and treater instructions before combining and applying component products.** Orondis Gold may be sold as a formulated premix or as a combination of separately registered products: Orondis Gold 200 and Orondis Gold B.

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 · Viptera z3 · Duracade · Duracade Viptera

LIBERTY LINK · HERCULEX I HX · HERCULEX XTRA HX · ROUNDUP READY 2 XTEND SOYBEANS · TENDFLEX SOYBEANS · Enlist E3 SOYBEANS · Insect Resistance Management

THE RESULTS

ARE IN THE BAG

NKSEEDS.COM