

2025 EASTERN CANADA  
**SEED GUIDE**

**1410** YEARS

OUR LEGACY IS GROWING YOURS



syngenta®

# 140 YEARS

OUR LEGACY IS GROWING YOURS

1884



2024

At NK, everything we do is centered around one thing: farmer success.

Our commitment goes back to 1884, when we first began selling seed corn. Not many competitors made it this long, and of them, we were the first. We were also the first private seed company with a formal research program, and the first to commercialize a biotech trait in corn.

Leading is in our DNA. So is a dedication to research and innovation. Our high-performing hybrids, strong varieties, and reliability in the field exemplify our focus on your achievements. They are cornerstones of our history, and our future.

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# CORN HYBRIDS





# OUR LARGEST CORN LAUNCH CLASS IN 10+ YEARS IS HERE

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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.



# CORN

STEPP TRIALS

## Speed, precision and power

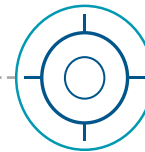
At Syngenta, we are relentlessly focused on getting new seeds and traits to farmers faster than ever. That's why **we reinvest 9% of every \$1 in profit** — more than \$1.4 billion — into further investments in R&D globally. And our investments are yielding results. Today, we're using **enhanced testing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



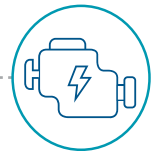
Behind every corn hybrid, you can trust that there is an ever-growing team of breeders focused on bringing you the strongest seed yet.



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.



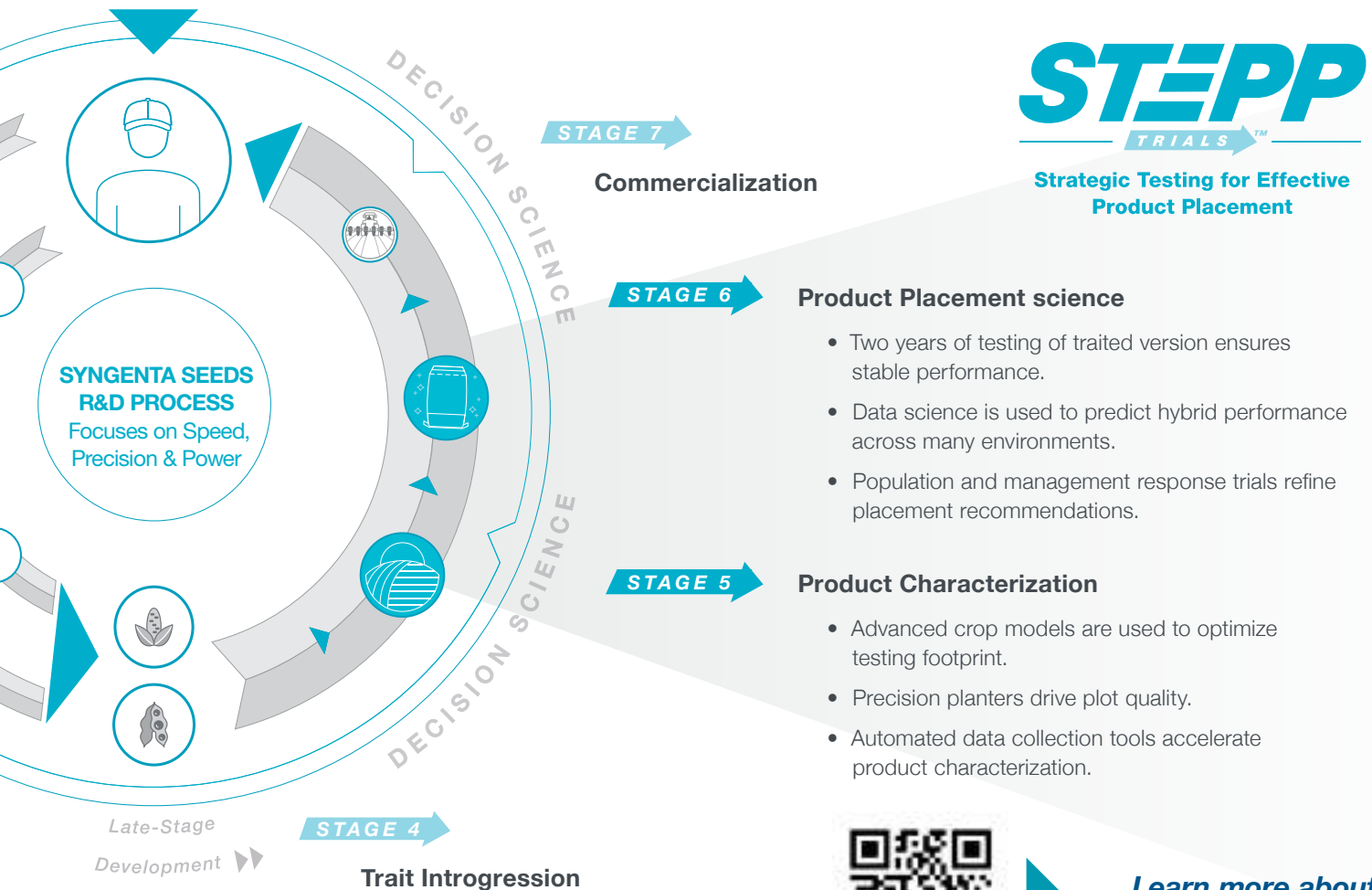


## Getting stronger hybrids on the right acre, faster

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.



**STEPP TRIALS**  
Strategic Testing for Effective Product Placement







Learn more about  
**STEPP Trials**

# CORN

## CORN TRAITS

### Corn traits

Syngenta is uniquely positioned in the market as the only company that offers a complete trait package of insect control technologies, providing comprehensive, season-long control of more corn pests.

		Above-ground insect protection		Above-and below-ground	
Heat units	Relative maturity	 Agrisure Above	 Viptera	 Duracade™	 Duracade Viptera™
≤ 2550	≤ 82		NK7837-V NK8005-V		
2600-2700	83 - 87	NK8558-AA (NEW)	NK8711-V (NEW)		NK8519-DV
2725-2775	88 - 93	NK9044-AA (NEW)			NK9023-DV NK9175-DV
2800-2950	94 - 98	NK9601-AA (NEW)	NK9400-V (NEW) NK9535-V		NK9653-DV
2975-3225	99 - 108	NK0007-AA NK0123-AA (NEW)	NK0880-V (NEW)	NK9991-D NK0243-D NK0252-D (NEW) NK0696-D	

### Premium insect control

With Syngenta trait stacks, you get built-in control of yield-robbing pests.

#### Above-ground

#### Agrisure Above

Agrisure® Above trait stack provides two modes of action against above-ground pests while also providing glyphosate tolerance.

#### Viptera™

The Viptera™ trait is the only trait currently available that effectively controls western bean cutworm and also protects the crop from key above-ground insects like corn earworm, cutworm and armyworm.

#### Above- and below-ground

#### Duracade™

Duracade™ features a unique mode of action that controls corn rootworm differently than other traits on the market and acts as an excellent foundation for an effective corn rootworm control strategy.

#### Duracade Viptera™

DuracadeViptera™ features a unique mode of action that controls corn rootworm differently than other traits on the market and it also has Viptera built-in for effective control of western bean cutworm and other key above-ground insects like corn earworm, black cutworm and armyworm.

### Drought protection

Many corn trait stacks are also available in hybrids with Artesian™ technology to maximize yield when it rains and increase yield when it doesn't.

#### Artesian™

Artesian includes scientifically selected genes for water optimization, raising the bar for drought tolerance versus standard hybrids. Growers can count on Artesian to maximize yield when it rains and increase yield by up to 15 percent when it doesn't.



# Control more insects for increased yield potential

## Viptera controls a broad spectrum of above-ground pests

	Viptera	Agrisure Above	Optimum <sup>®</sup> AcreMax <sup>®</sup>	Optimum AcreMax Leptra <sup>®</sup>	PowerCore <sup>®</sup>	Trecepta <sup>®</sup>	VT Double PRO <sup>®</sup> RIB Complete <sup>®</sup>
Corn earworm	****	**	**	****	***	****	***
Black cutworm	****	***	***	****	***	****	*
Fall armyworm	****	*	*	****	***	****	***
Western bean cutworm	****	*	*	****	*	****	*
Common stalk borer	***	*	*	***	*	***	*
European corn borer	****	****	****	****	****	****	****

## Duracade trait stacks provide comprehensive above-and below-ground insect control

	Duracade Viptera	Duracade	Optimum <sup>®</sup> AcreMax <sup>®</sup> XTreme/Qrome <sup>®</sup>	Vorceed <sup>™</sup> Enlist <sup>®</sup>	SmartStax <sup>®</sup> / SmartStax PRO RIB Complete <sup>®</sup>
Corn earworm	****	**	**	***	***
Black cutworm	****	***	***	***	***
Fall armyworm	****	*	*	***	***
Western bean cutworm	****	*	*	*	*
Common stalk borer	***	*	*	*	*
European corn borer	****	****	****	****	****
Western and northern corn rootworm	***	***	***	***	***

**Legend** - None, \* Some, \*\* Good, \*\*\* Very good, \*\*\*\* Excellent

If you are concerned about trait-resistant insects, please contact your NK Rep to discuss which trait is right for you.

Performance evaluations are based on internal trials, field observations and/or public information. Data from multiple locations and years should be consulted whenever possible. Individual results may vary depending on local growing, soil and weather conditions. Always read and follow label directions.

## Description key

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

The first two digits - 85 - represent the hybrid's relative maturity (RM). In this example, we're looking at an 85-day RM.

The last two digits - 19 - are randomized numbers, to differentiate between hybrids with the same RM.

Corn trait package designator indicating trait versions available in this hybrid series.

RM  
85

NK8519-DV

**Consistent Performance Across Environments**

- Strong stalks for season-long standability
- Outstanding drought tolerance for consistent yields
- Dependable emergence with excellent seedling vigour

CHU  
2650

**Duracade Viptera**

QR code to product page

↑ **CHU:** Specific crop heat unit for this hybrid series.

↑ Corn trait stack brand name

↑

**Relative maturity:** The number of days before the plant reaches physiological maturity (blacklayer).

# CORN

2025 HYBRIDS

## Agronomic characteristics

PRODUCT						MATURITY INFORMATION				AGRONOMIC / PLANT CHARACTERISTICS									
Hybrid	Trait	Artesian	E-Z-1 Refuge	LibertyLink®	Glyphosate tolerance	Relative maturity (RM)	CHU	RM to silk	RM to blacklayer	Emergence	Seedling vigour	Plant height	Ear height	Staygreen	Drydown	Test weight	Root strength	Stalk strength	Ear flex
NK7837	V		✓	✓	✓	78	2350	78	78	3	3	4	3	2	3	2	3	2	SF
NK8005	V	✓	✓	✓	✓	80	2400	78	77	3	3	5	4	1	4	2	3	3	SF
NK8558 <b>NEW</b>	AA		✓	✓	✓	85	2625	86	85	3	3	3	4	3	2	3	3	3	SD
NK8519	DV		✓	✓	✓	85	2650	86	85	3	2	3	4	3	3	3	4	3	SF
NK8711 <b>NEW</b>	V		✓	✓	✓	87	2675	87	86	3	3	4	4	3	3	3	3	2	SF
NK9044 <b>NEW</b>	AA		✓	✓	✓	90	2725	90	90	2	2	3	4	3	2	3	4	3	SD
NK9023	DV		✓	✓	✓	90	2725	91	90	3	3	3	2	4	3	3	4	3	SD
NK9175	DV	✓	✓	✓	✓	91	2750	91	91	2	3	3	4	4	3	3	5	4	SD
NK9400 <b>NEW</b>	V		✓	✓	✓	94	2800	95	95	3	3	3	4	3	2	2	3	3	SF
NK9535	V		✓	✓	✓	95	2850	95	95	3	3	3	4	3	3	2	3	2	F
NK9601 <b>NEW</b>	AA		✓	✓	✓	96	2875	96	96	2	2	3	3	4	3	2	3	3	SF
NK9653	DV		✓	✓	✓	96	2875	96	95	2	2	2	2	3	3	2	3	2	SF
NK9991	D		✓	✓	✓	99	2975	98	100	3	2	3	3	3	3	3	4	3	SF
NK0007	AA	✓	✓	✓	✓	100	3000	99	100	4	3	5	5	2	3	3	2	2	SD
NK0123 <b>NEW</b>	AA	✓	✓	✓	✓	101	3025	100	101	2	2	4	6	4	3	2	2	3	SF
NK0243	D		✓	✓	✓	102	3075	101	102	3	3	5	5	3	3	5	3	3	F
NK0252 <b>NEW</b>	D	✓	✓	✓	✓	102	3100	100	102	3	2	4	6	4	3	2	2	3	SF
NK0696	D		✓	✓	✓	106	3175	107	107	3	2	5	4	3	3	4	1	4	SD
NK0880 <b>NEW</b>	V		✓	✓	✓	108	3225	107	108	3	2	3	3	3	5	3	2	4	SF

### CORN CHART KEY

#### TRAIT

V = Viptera      DV = DuracadeViptera  
D = Duracade      AA = Agrisure Above

#### AGRONOMIC/PLANT CHARACTERISTIC AND DISEASE TOLERANCE RATINGS

1 = Best      SD = Semi-determinate  
9 = Worst      SF = Semi-flex  
- = Under evaluation      F = Flex  
D = Determinate

#### SEEDING AND ADAPATION RATINGS

- ★ Above average performance
- Average performance
- ▼ Hybrid may not perform consistently
- ✘ Hybrid not recommended
- Data not available

#### PLANT AND EAR HEIGHT RATINGS

1 = Tallest, highest  
9 = Shortest, lowest



SEEDING RATE					ADAPTATION TO SOIL TYPES/ YIELD ENVIRONMENTS				DISEASE TOLERANCE		
-20%	-10%	0	+10%	+20%	Drought prone	Highly productive	Variable soils	Poorly drained	Grey leaf spot	Northern corn leaf blight	Tar spot
●	●	★	★	★	●	★	●	★	-	3	-
●	●	★	★	●	★	●	★	●	-	5	2
▼	●	★	★	★	●	★	●	●	4	4	-
●	★	★	★	●	★	★	★	●	-	3	3
▼	●	★	★	●	●	★	●	●	-	4	-
▼	●	★	★	●	●	★	★	★	5	5	5
▼	●	★	★	★	▼	★	★	●	-	3	4
●	●	★	★	●	★	★	★	●	-	3	3
▼	●	★	★	★	●	★	●	●	3	4	4
●	★	★	★	●	★	★	★	★	4	4	4
▼	●	★	★	●	●	●	●	●	4	4	3
●	●	★	★	★	★	●	●	★	3	2	2
●	●	★	★	●	●	★	●	★	2	2	4
●	●	★	★	★	●	★	★	★	3	3	4
▼	●	★	★	●	●	★	●	●	4	4	4
●	●	★	★	●	★	★	★	★	3	4	4
▼	●	★	★	★	★	★	●	●	4	4	4
●	★	★	★	●	▼	●	★	★	4	4	5
●	●	★	★	●	★	★	●	●	5	4	2



Seed products with the LibertyLink® (LL) trait are resistant to the herbicide glufosinate ammonium, an alternative to glyphosate in corn, and combine high-yielding genetics with the powerful, non-selective, post-emergent weed control of Liberty® herbicide for optimum yield and excellent weed control.

Consult bag tags for E-Z Refuge product herbicide options. Only those labeled E-Z-1 may be sprayed with glufosinate ammonium based herbicides, including Liberty® herbicide.

# CORN

2025 HYBRIDS | CHU 2350-2675



RM 78	<b>NK7837-V</b> 	<b>Broad Adaptation Across Yield Environments</b> <ul style="list-style-type: none"><li>• Very good emergence and vigour</li><li>• Heavy test weight with good grain quality</li><li>• Great drought tolerance for consistent yields</li></ul>	
CHU 2350			
RM 80	<b>NK8005-V</b> 	<b>Consistent Potential Across a Wide Range of Yield Environments</b> <ul style="list-style-type: none"><li>• Proven stalks and roots allows for season-long standability</li><li>• Early flowering for good northern adaptation</li><li>• Semi-flex ear provides population flexibility</li></ul>	
CHU 2400			
RM 85	<b>NK8558-AA</b> 	<b>Outstanding Yield Potential and Versatility on a Wide Range of Soil Types</b> <ul style="list-style-type: none"><li>• Solid emergence and vigour allows for earlier planting</li><li>• Best performance in medium to high populations</li><li>• Good drydown will lead to Northern movement</li></ul>	 
CHU 2625			
RM 85	<b>NK8519-DV</b> 	<b>Consistent Performance Across Environments</b> <ul style="list-style-type: none"><li>• Strong stalks for season-long standability</li><li>• Outstanding drought tolerance for consistent yields</li><li>• Dependable emergence with excellent seedling vigour</li></ul>	
CHU 2650			
RM 87	<b>NK8711-V</b> 	<b>Broadly Adapted Product that Provides Top-end Yield Potential Across a Range of Environments</b> <ul style="list-style-type: none"><li>• Solid roots and late-season stalks</li><li>• Consistent ear placement with nice grain quality and test weight</li><li>• Strong drought tolerance delivers dependable performance</li></ul>	 
CHU 2675			

Notes:

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RM 90	<b>NK9044-AA</b>	<b>Great Yield Potential Across all Soil Types</b>	<ul style="list-style-type: none"> <li>• Solid late-season stalks</li> <li>• Very strong emergence and great seedling vigour</li> <li>• Semi-determinate ear performs best in medium to high populations</li> </ul>	
CHU 2725				
RM 90	<b>NK9023-DV</b>	<b>Excellent Yield Potential in High Management Systems</b>	<ul style="list-style-type: none"> <li>• Excellent emergence with good seedling vigour</li> <li>• Dependable stalks for season-long standability</li> <li>• Great yield response to increased plant populations and strong soil fertility</li> </ul>	
CHU 2725				
RM 91	<b>NK9175-DV</b>	<b>Top-end Yield Potential with Broad Adaptation</b>	<ul style="list-style-type: none"> <li>• Exceptional early disease package with strong emergence and seedling vigour</li> <li>• Consistent performance and drought tolerance</li> <li>• Outstanding dual-purpose hybrid</li> </ul>	
CHU 2750				
RM 94	<b>NK9400-V</b>	<b>Outstanding Yield Potential and Versatility Across Variable Soils</b>	<ul style="list-style-type: none"> <li>• Very good emergence and proven seedling vigour for a great early planting option</li> <li>• Strong roots and very good stalks for season-long standability</li> <li>• Dependable fit for drought-prone environments</li> </ul>	
CHU 2800				
RM 95	<b>NK9535-V</b>	<b>Proven Yield Performance</b>	<ul style="list-style-type: none"> <li>• Broad adaptation across yield environments and populations</li> <li>• Superb stalks for season-long standability</li> <li>• Performs well under all management levels</li> </ul>	
CHU 2850				

Notes:

# CORN

2025 HYBRIDS | CHU 2875-3025



RM 96	<b>NK9601-AA</b>	<b>Excellent Yield Potential on Highly Productive Acres</b>	
CHU 2875		<ul style="list-style-type: none"><li>• Solid agronomics featuring strong stalks and roots</li><li>• Excellent test weight and grain quality</li><li>• Very good emergence and vigour</li></ul>	
RM 96	<b>NK9653-DV</b>	<b>Consistent Yield with Solid Agronomics and Grain Quality</b>	
CHU 2875		<ul style="list-style-type: none"><li>• Excellent plant health with strong roots and stalks</li><li>• Consistent performance on poorly drained and variable soils</li><li>• Broadly adapted hybrid with excellent test weight</li></ul>	
RM 99	<b>NK9991-D</b>	<b>High-yielding Product with Strong Agronomics</b>	
CHU 2975		<ul style="list-style-type: none"><li>• Solid disease package for late season plant health</li><li>• Excellent choice for medium to high yield environments</li><li>• Excellent choice for corn-on-corn rotation</li></ul>	
RM 100	<b>NK0007-AA</b>	<b>Excellent Yield Potential with Strong Roots and Stalks</b>	
CHU 3000		<ul style="list-style-type: none"><li>• Outstanding emergence for an early planting option</li><li>• Strong performance on medium to heavy soil textures</li><li>• Semi-determinate ear type and strong standability support higher populations for maximum yield</li></ul>	
RM 101	<b>NK0123-AA</b>	<b>Outstanding Versatility Across Soil Types with Solid Drought Tolerance</b>	
CHU 3025		<ul style="list-style-type: none"><li>• Very strong emergence and great seedling vigour</li><li>• Consistently strong stalks and superb roots</li><li>• Semi-flex ear with excellent test weight</li></ul>	

Notes:

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RM 102	NK0243-D	<b>Proven Top-end Yield Potential</b>	
CHU 3075		<ul style="list-style-type: none"> <li>• Exceptional drought tolerance</li> <li>• Very strong stalks, roots and staygreen for season-long standability</li> <li>• Full ear flex provides population flexibility</li> </ul>	
RM 102	NK0252-D	<b>Exceptional Yield Potential and Tremendous Adaptation Across Soil Types and Management Levels</b>	
CHU 3100		<ul style="list-style-type: none"> <li>• Strong choice for first planting with excellent emergence and seedling vigour</li> <li>• Outstanding roots and dependable stalks for late-season standability</li> <li>• Delivers dependable performance across variable environments and weather scenarios</li> </ul>	
RM 106	NK0696-D	<b>Excels on Variable to Heavy Soil Types</b>	
CHU 3175		<ul style="list-style-type: none"> <li>• Solid agronomics for season-long standability</li> <li>• Excellent vigour for early planting</li> <li>• Moves well north of zone</li> </ul>	
RM 108	NK0880-V	<b>Widely Adapted Hybrid Across Soil Types with Very Strong Drought Tolerance</b>	
CHU 3225		<ul style="list-style-type: none"> <li>• Dependable emergence with strong seedling vigour for a quick start</li> <li>• Robust plant type supported by excellent roots</li> <li>• Proven Tar Spot and Anthracnose Stalk Rot tolerance</li> </ul>	

Notes:

# CORN SILAGE

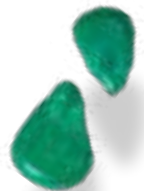




# TRUSTED NK QUALITY WITH THE FLEXIBILITY TO HARVEST FOR GRAIN OR SILAGE

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Enjoy the same premium performance and genetics you expect from NK corn, the power of the corn trait platform from Syngenta, as well as enhanced flexibility of use at the end of the season. NK silage choice hybrids have strong agronomic traits with high yield potential, great neutral detergent fiber (NDF) digestibility, competitive digestible starch, and high milk and beef production per ton and per acre potential.



# CORN

2025 HYBRIDS

## Silage choice

High-quality hybrids make high-quality silage.

Explore your options and find the right fit for your farm.

PRODUCT		MATURITY INFORMATION			
Hybrid	Trait	Relative maturity (RM)	CHU	RM to silk	RM to blacklayer
NK7837	V	78	2350	78	78
NK8005	V	80	2400	78	77
NK8558 <b>NEW</b>	AA	85	2625	86	85
NK8519	DV	85	2650	86	85
NK9044 <b>NEW</b>	AA	90	2725	90	90
NK9175	DV	91	2750	91	91
NK9400 <b>NEW</b>	V	94	2800	95	95
NK9535	V	95	2850	95	95
NK9601 <b>NEW</b>	AA	96	2875	96	96
NK9653	DV	96	2875	96	95
NK0007	AA	100	3000	99	100
NK0123 <b>NEW</b>	AA	101	3025	100	101
NK0243	D	102	3075	101	102
NK0252 <b>NEW</b>	D	102	3100	100	102
NK0696	D	106	3175	107	107
NK0880 <b>NEW</b>	V	108	3225	107	108

This table provides silage quality and yield scores for selected NK hybrids based on actual tonnage and silage analysis values, and represents relative differences among hybrids of a similar maturity.

### SILAGE CHART KEY

#### TRAIT

V = Viptera      DV = DuracadeViptera  
D = Duracade      AA = Agrisure Above

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

**NDF Dig. 30Hr (%)** Measure of the indigestible and slowly digestible components of the silage at 30hr retention time.

**Starch** Indicates the percent of feed component that is starch.

**Net energy 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/acre\*** Combines the estimate of forage quality (Milk/ton) and yield (Tons/acre) into a single term.\*\*

**Beef/ton\*** A proprietary estimate of forage quality driven by TDN.

**Beef/acre\*** Combines the estimate of forage quality (Beef/ton) and yield (Tons/acre) into a single term.

#### SILAGE RATINGS

**B** = Best  
**G** = Good  
**F** = Fair  
**P** = Poor  
– = Not Available



## SILAGE RATINGS

Yield (Ton/A)	NDFd 30Hr (%)	Starch (% DM)	NEL (Mcal/lb DM)	Milk/T (lb/T DM)	Milk/A (Lbs/A)	Beef/T (lb/T DM)	Beef/A (Lbs/A)
G	G	B	G	G	G	G	G
G	G	G	G	G	G	G	G
G	G	G	G	G	G	G	G
G	G	G	G	G	B	G	B
G	G	G	G	G	G	G	G
G	G	B	G	G	G	G	G
G	B	B	G	G	G	G	G
G	B	B	G	G	G	G	G
G	G	G	G	G	G	G	G
B	G	G	G	G	B	G	B
G	G	B	G	G	G	B	B
G	B	B	G	B	B	B	B
G	G	G	B	B	G	B	G
B	G	B	G	G	B	G	B
B	G	B	G	G	B	G	B
G	G	G	G	G	G	G	G



Seed products with the LibertyLink® (LL) trait are resistant to the herbicide glufosinate ammonium, an alternative to glyphosate in corn, and combine high-yielding genetics with the powerful, non-selective, post-emergent weed control of Liberty® herbicide for optimum yield and excellent weed control.

Consult bag tags for E-Z Refuge product herbicide options. Only those labeled E-Z-1 may be sprayed with glufosinate ammonium based herbicides, including Liberty® herbicide.

NOTE: Hybrid characteristics such as staygreen and drought stress tolerance are also important to consider when selecting hybrids for silage. Digestibility ratings are based on NIR and in-vitro digestibility analysis. Milk performance estimates generated from University of Wisconsin equations. Comparisons should only be made 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 they should be used to determine relative overall silage quality and yield of each hybrid.

\*\*Milk/A: Combining yield and quality into a single term, <https://fyi.uwex.edu/forage/files/2016/11/Milk-2016-Combining-Yield-and-Quality-into-a-Single-Term-2.pdf>



# CORN

SYNGENTA CORN SEEDCARE™

## Protect your investment

Even the highest performing hybrids with industry-leading traits require an additional layer of protection to keep early-season threats at bay. For NK seed, we tap into the complete Seedcare™ portfolio from Syngenta, so you can manage the most challenging diseases and insects in your fields.

NK is offering a choice of two seed treatment options for corn seed.

	PESTS CONTROLLED					DISEASES CONTROLLED CAUSED BY				
	Cutworm	European chafer	Wireworm	Seed corn maggot	Root knot nematode	Fusarium	Pythium	Rhizoctonia	Aspergillus	Penicillium
<b>SEED TREATMENT 1</b>										
 <b>Vayantis® Xtra</b>					■	●	●	●	●	●
<b>SEED TREATMENT 2</b>										
 <b>Fortenza® Complete</b>	●	●	●	◆	■	●	●	●	●	●

### LEGEND

- Control
- ◆ Suppression
- Partial suppression



## **Vayantis® Xtra**

**Vayantis® Xtra** seed treatment provides the most comprehensive corn disease package, with control of multiple species of seed- and/or soil-borne pathogens by offering multiple modes of action. Vayantis Xtra combines Vayantis® with Maxim® Quattro, Vibrance®, and Draco™ to deliver six fungicides and a biological package. Experience enhanced Rhizoctonia control with Vibrance and the broadest spectrum of Pythium control with Vayantis. Draco complements existing genetics and synthetic seed treatments, and may help improve germination, water use efficiency, greening, vigour, and survival set in crops.

## **Fortenza® Complete**

**Fortenza® Complete** seed treatment provides corn growers critical, early season protection from insects like European chafer, wireworm, seedcorn maggots, and cutworms, and also offers a fungicide solution against seed- and/or soil-borne pathogens in corn. Fortenza Complete contains six fungicides, an insecticide, and a biological bacteria package. Plus, it delivers an alternative, non-neonicotinoid insecticide belonging to the diamide class. Experience enhanced Rhizoctonia control with Vibrance and the broadest spectrum of Pythium control with Vayantis®. And Draco™ may help improve germination, water use efficiency, greening, vigour, and survival set in crops.



### Corn rootworm management recommendations

Monitoring corn fields for corn rootworm (CRW) beetles can help determine CRW pressure in the subsequent year. Gauge next year's CRW larval threat based on this year's beetle numbers. If scouting reveals 1-1 ½ beetles per plant, CRW larval feeding activity may be high the following year.

**I HAVE LOW CORN ROOTWORM PRESSURE**

#### I HAVE HIGH CORN ROOTWORM PRESSURE

**Is crop rotation an option?**

YES

NO

**Does your field have a long-term history of corn on corn use with CRW traits OR have you experienced any of the following with CRW traits:**

- Unexpected damage observed
- Excessive root feeding
- Lodged corn not explained by environmental factors

NO

- Use multiple CRW traits
- Scout and consider beetle control with foliar insecticide

YES

- Rotate CRW traits
- Use multiple CRW traits + soil-applied insecticide
- Scout and consider beetle control with foliar insecticide
- Contact your Syngenta representative to discuss best options for your fields and consider Canadian Corn Pest Coalition recommendations\*

\*For more information on Canadian Corn Pest Coalition recommendations, please visit: <https://fieldcropnews.com/2020/10/mitigation-measures-for-bt-resistant-corn-rootworm/>



### If you experienced low larval feeding damage, low adult beetle population, and no rootworm-caused corn lodging issues in the prior year and:

- Will plant continuous corn: consider a single CRW trait, multiple CRW traits, or a non-CRW traited hybrid with Force<sup>®</sup> 3G soil insecticide.
- Will plant first year corn in areas with western CRW or northern CRW variant: consider a single CRW trait, multiple CRW traits, or a non-CRW traited hybrid with Force 3G.
- Will plant first year corn in areas without western CRW or northern CRW variant: consider a non-CRW traited hybrid with or without Force 3G.

### CROP ROTATION

- Rotate to a non-host crop such as soybeans, which provides the best opportunity to break the reproductive cycle of CRW.
- If you are concerned with the potential for the western CRW variant that may lay eggs in soybean fields, make sure to monitor soybeans for beetles to take action in next year's corn crop based upon beetle observations in previous year's soybeans. Alternatively, consider treating adult beetles in the soybean crop itself. When planting corn following soybeans in areas with western CRW variant consider a single CRW trait, multiple CRW traits, and/or Force 3G.
- If you are concerned with the potential for the northern CRW variant, rotate to multiple years of non-host crop or monitor/take action to treat CRW as needed. When planting corn in a corn-soybean rotation in areas with northern CRW variant consider a single CRW trait, multiple CRW traits, and/or Force 3G.

### MODE OF ACTION ROTATION

Previous CRW trait usage and years in corn are important factors. It is always recommended to consult with your sales representative to discuss which of the below options will work best in your particular situation.



- Duracade™ and DuracadeViptera™ trait stacks combine a unique mode of action for CRW control with a second, proven mode of action against CRW. Both trait stacks also provide a five percent integrated E-Z Refuge<sup>®</sup>.

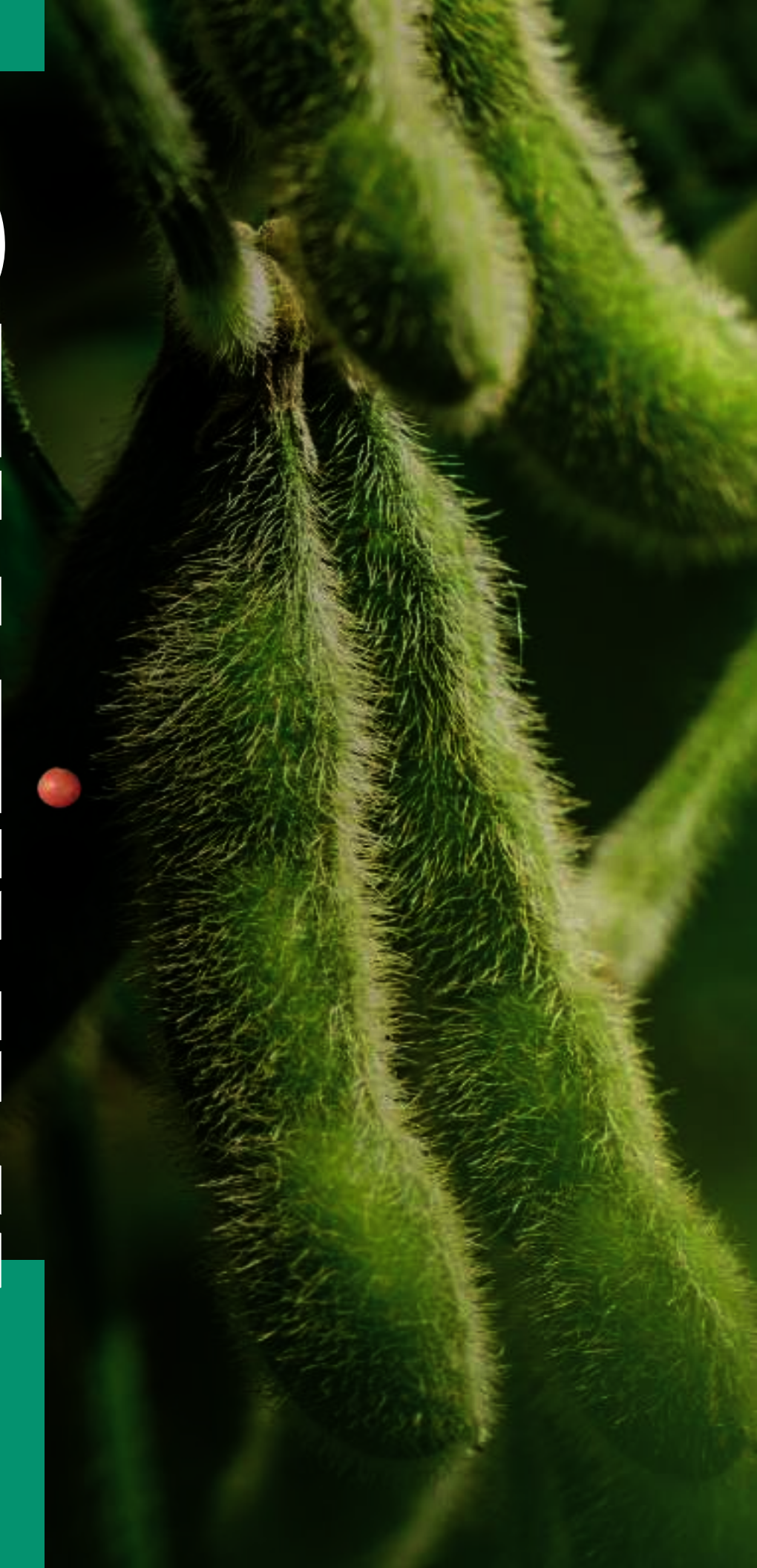


- Force 3G, when used in combination with hybrids that contain single or multiple CRW trait combinations, drives yield.
- Secondary insects or other agronomic factors may influence the decision to use soil insecticide.

### HYBRID ROTATION

- In cases where you are not satisfied with the traited control of CRW, consider rotating trait packages and growing corn with no CRW trait in your field.
- In this scenario, use of insecticides will be required for effective CRW control.

# SOYBEANS. VARIETIES



# THE TOP CHOICE FOR YOUR ACRE

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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.



# SOYBEANS

## SOYBEAN TRAITS

### Soybean trait index

NK Seeds offers trait choice and high-performing genetics to match your farm's needs.



#### Enlist E3™ soybeans

NK soybeans with Enlist E3™ trait technology are tolerant to 2,4-D choline (Group 4), glyphosate (Group 9) and glufosinate (Group 10), enabling growers to meet ever-increasing weed challenges, including glyphosate resistance, and helping to maximize profit per acre.



#### XtendFlex® soybeans

Combines our high-performing NK soybean genetics with triple-stacked herbicide tolerance to dicamba (group 4), glyphosate (group 9) and glufosinate (group 10) for greater application flexibility for managing tough-to-control weeds, pre-emergence and postemergence.



#### Sulfonylurea-tolerant soybeans (STS®)

The STS® trait is a native (non-genetically modified) trait that conveys tolerance to certain ALS herbicides, providing peace of mind when planting in fields where there may be carry-over of ALS herbicides. Look for an "S" at the end of the variety name to indicate this trait.



#### Roundup Ready 2 Xtend® soybeans

NK soybean varieties bred with Roundup Ready 2 Xtend® trait technology are tolerant to both glyphosate (Group 9) and dicamba (Group 4) herbicides, allowing growers to use multiple modes of action to help manage tough-to-control weeds, including glyphosate-resistant giant ragweed, common ragweed, and Canada fleabane.



#### Soybean cyst nematode solutions

NK offers two sources of resistance to soybean cyst nematode: PI88788 and Peking. The source of resistance is indicated in the agronomic table.

### Naming convention

#### S07-K5X

S	07	K5	X
Syngenta NK Soybean Varieties	Indicates maturity group and relative maturity within the group, on a scale from 0-9 (0 = early; 9 = late).	Randomly designated letter and number.	Indicates herbicides technology E3 = Enlist E3™ XF = XtendFlex® X = Roundup Ready 2 Xtend® S = Sulfonylurea-tolerant soybeans


Ratings are based on field observations collected by Syngenta from multiple locations over multiple years. They represent comparisons with NK products only.

### Description key

RM  
0.7

CHU  
2700


## S07-K5X



**Strong Performance Across Yield Environments  
Excelling on Tougher Acres**

- Desired Rps3a Phytophthora Root Rot gene
- Taller plant with very good standability
- Strong Soybean White Mould tolerance

**NEW**



↑ Soybean trait

↑ CHU: 2700: Specific crop heat units for this product.

↑ New

↑ QR code to product page
















#### Relative maturity: 0.7:

A relative maturity (RM) system is used to rank soybeans. Each variety is classified with a 0 to 9 decimal number following the group (or zone) number. For example, a variety with a 2.1 RM can be grown in the northern part of the "II" relative maturity zone, while a 2.9 is a variety that can be grown in the southern part of that maturity zone.

# SOYBEANS

2025 TRAITED VARIETIES

## Agronomic characteristics

PRODUCT	TRAIT	MATURITY		AGRONOMIC/PLANT CHARACTERISTICS							
		Relative maturity	CHU	Emergence	Standability	Plant height	Canopy index	Flower colour	Hilum colour	Seed size	
NK Canada name	Trait stack										
S0007-S1X		0.007	2225	3	4	M	4.29	PUR	IMY	M	
S0009-J5X <b>NEW</b>		0.009	2275	2	2	M	4.29	PUR	BR	L	
S001-D8X		0.01	2300	3	3	MT	3.96	PUR	IMY	M	
S003-R5X		0.03	2325	3	3	MS	3.96	PUR	IMY	M	
S007-Z1X		0.07	2400	3	4	MT	6.27	PUR	BR	L	
S007-A2XS	 <b>STS</b>	0.07	2425	3	4	MT	5.28	PUR	GR	S	
S02-M4XF		0.2	2550	3	3	MT	5.28	PUR	BL	M	
S03-V5E3		0.3	2600	2	3	MS	5.94	PUR	IMB	M	
S04-J6X		0.4	2625	3	2	M	4.95	PUR	BL	M	
S06-A3XF		0.6	2675	2	3	M	4.95	PUR	GR	L	
S07-K5X		0.7	2700	1	3	M	4.62	PUR	GR	L	
S09-B5XF		0.9	2775	2	3	M	5.28	PUR	GR	M	
S09-H7E3		0.9	2775	3	2	MS	5.61	PUR	BF	M	
S10-W8XF		1.0	2800	2	3	M	4.95	PUR	IMY	M	
S11-A4E3 <b>NEW</b>		1.1	2825	2	2	MS	4.29	WH	BF	M	

### SOYBEAN CHART KEY

#### RELATIVE MATURITY

First number indicates maturity group, second set of numbers indicates within-group maturity rating on a 0–9 scale (0 = Early, 9 = Late).

#### AGRONOMIC AND DISEASE RATINGS

1 = Best, 9 = Worst, - = Under evaluation

#### PLANT HEIGHT

S = Short, MS = Medium Short, M = Medium, MT = Medium Tall, T = Tall

#### CANOPY INDEX

Index is calculated using plant height, width and branching characteristics. The larger the number, the larger the plant.

#### COLOUR ABBREVIATIONS

BF = Buff, BR = Brown, BL = Black, GR = Grey, IMB = Imperfect Black, Y = Yellow, IMY = Imperfect Yellow, PUR = Purple, WH = White

#### SEED SIZE

VL = Very Large = <2000 seeds/lb or <4400 seeds/kg  
 L = Large = 2000–2275 seeds/lb or 4400–5000 seeds/kg  
 M = Medium = 2275–2725 seeds/lb or 5000–6000 seeds/kg  
 S = Small = >2725 seeds/lb or >6000 seeds/kg

#### PROTEIN RATING

Average = <40%  
 High = 40–43%  
 Very high = 43–45%  
 Ultra high = >45%

#### OIL RATING

Average = <22%  
 High = 22–23%  
 Very high = 23–24%  
 Ultra high = >24%

Protein values fluctuate from year to year and field to field.  
 Protein and oil values are based on 0% moisture.

# SOYBEANS

## 2025 TRAITED VARIETIES

GRAIN QUALITY		DISEASES/PESTS							GENERAL ADAPTATION			
Protein rating	Oil rating	SCN resistance source	PHYTOPHTHORA		Soybean white mould (SWM)	Sudden death syndrome (SDS)	Brown stem rot (BSR)	Pod and stem blight (PSB)	Drought prone soils	Highly productive soils	Variable environments	Poorly drained soils
			Gene resistance	Field tolerance								
Average	Very High	S	Rps1c,Rps3a	2	4	-	4	6	●	★	●	★
High	High	S	Rps1c,Rps3a	3	2	-	2	-	●	★	★	★
High	High	S	Rps1c	4	3	-	3	5	★	★	★	●
High	High	S	Rps1c	2	3	-	4	3	★	●	★	★
Average	High	S	Rps1c	5	5	-	3	4	★	●	★	●
Average	High	S	S	4	4	-	3	5	★	★	★	●
High	High	PI88788	Rps1c	3	3	2	3	5	●	★	★	●
High	Average	PI88788	Rps1c	3	5	-	3	7	●	★	●	★
High	Average	PI88788	Rps1c	3	4	-	3	4	★	★	★	★
High	High	PI88788	Rps1c,Rps3a	2	3	3	3	3	●	●	●	★
Very High	Average	S	Rps3a	3	3	-	3	4	●	●	★	●
High	Average	PI88788	Rps1c,Rps3a	2	3	3	3	4	★	●	●	★
Average	High	PI88788	Rps1k	2	5	3	3	5	★	●	★	★
High	Average	PI88788	Rps1c	3	3	3	5	5	★	▼	●	●
Average	Very High	PI88788	Rps1k,Rps3a	2	3	4	3	3	●	★	★	★

### PHYTOPHTHORA RACE RESISTANCE

The following information correlates gene resistance to the actual races of Phytophthora the plant is protected from:

- S = Susceptible
- Rps1a = Resistant to races 1, 2, 10, 11, 13–18, 24, 26, 27, 31, 32, 36, 38
- Rps1c = Resistant to races 1–3, 6–11, 13, 15, 17, 21, 23, 24, 26, 28–30, 32, 34, 36, 38, 44
- Rps1k = Resistant to races 1–11, 13–15, 17, 18, 21–24, 26, 36–38, 44
- Rps3a = Resistant to races 1–5, 8, 9, 11, 13, 14, 16, 18, 23, 25, 28, 29, 31–35, 39, 44, 45
- Rps6 = Resistant to races 1–4, 8, 9, 10, 12, 14–16, 18–21, 25, 28, 33–35, 38, 39, 44, 45

### PHYTOPHTHORA FIELD TOLERANCE

Usually not as complete as race-specific resistance, but it offers general protection. Numerical rating scale of 1–9; 1 = Excellent, 9 = Poor

### ADAPTATION RATINGS

- ★ Above average performance
- Average performance
- ▼ Variety may not perform consistently
- ✘ Variety not recommended

Performance results are based on North American field trials and are not necessarily consistent with Eastern Canadian recommendations on pages 38-41.

# SOYBEANS

2025 TRAITED VARIETIES

## Agronomic characteristics

PRODUCT	TRAIT	MATURITY		AGRONOMIC/PLANT CHARACTERISTICS						
		Relative maturity	CHU	Emergence	Standability	Plant height	Canopy index	Flower colour	Hilum colour	Seed size
S11-U2XF <b>NEW</b>		1.1	2825	2	3	MT	5.61	PUR	BL	L
S12-M5X		1.2	2825	2	2	MS	5.28	WH	BL	VL
S13-Y4XF		1.3	2825	3	2	MT	4.95	PUR	BR	M
S14-C7XF		1.4	2850	3	3	MT	5.61	PUR	BR	S
S15-G9E3S <b>NEW</b>	/	1.5	2850	3	2	MS	4.62	PUR	IMB	-
S16-K2X		1.6	2875	2	3	M	4.95	PUR	BL	M
S18-F1E3S	/	1.8	2925	3	3	M	5.61	PUR	IMB	M
S20-L8X		2.0	3025	2	3	M	4.95	WH	BL	L
S22-A2E3		2.2	3075	3	2	M	5.28	PUR	IMB	M
S25-K4XF <b>NEW</b>		2.5	3175	2	2	M	5.61	PUR	BL	M
S26-E3		2.6	3175	2	2	M	4.62	PUR	BF	S
S29-R5X		2.9	3250	2	4	MT	6.6	PUR	BR	M
S29-N5E3 <b>NEW</b>		2.9	3275	2	2	MS	5.28	PUR	IMB	M
S32-J5XF		3.2	3325	2	2	M	4.95	WH	BL	M

### SOYBEAN CHART KEY

#### RELATIVE MATURITY

First number indicates maturity group, second set of numbers indicates within-group maturity rating on a 0–9 scale (0 = Early, 9 = Late).

#### AGRONOMIC AND DISEASE RATINGS

1 = Best, 9 = Worst, - = Under evaluation

#### PLANT HEIGHT

S = Short, MS = Medium Short, M = Medium, MT = Medium Tall, T = Tall

#### CANOPY INDEX

Index is calculated using plant height, width and branching characteristics. The larger the number, the larger the plant.

#### COLOUR ABBREVIATIONS

BF = Buff, BR = Brown, BL = Black, GR = Grey, IMB = Imperfect Black, Y = Yellow, IMY = Imperfect Yellow, PUR = Purple, WH = White

#### SEED SIZE

VL = Very Large = <2000 seeds/lb or <4400 seeds/kg  
 L = Large = 2000–2275 seeds/lb or 4400–5000 seeds/kg  
 M = Medium = 2275–2725 seeds/lb or 5000–6000 seeds/kg  
 S = Small = >2725 seeds/lb or >6000 seeds/kg

#### PROTEIN RATING

Average = <40%  
 High = 40–43%  
 Very high = 43–45%  
 Ultra high = >45%

#### OIL RATING

Average = <22%  
 High = 22–23%  
 Very high = 23–24%  
 Ultra high = >24%

Protein values fluctuate from year to year and field to field.  
 Protein and oil values are based on 0% moisture.

# SOYBEANS

## 2025 TRAITED VARIETIES

GRAIN QUALITY		DISEASES/PESTS							GENERAL ADAPTATION			
Protein rating	Oil rating	SCN resistance source	PHYTOPHTHORA		Soybean white mould (SWM)	Sudden death syndrome (SDS)	Brown stem rot (BSR)	Pod and stem blight (PSB)	Drought prone soils	Highly productive soils	Variable environments	Poorly drained soils
			Gene resistance	Field tolerance								
High	High	PI88788	Rps3a	3	3	2	2	-	★	★	★	★
Average	Ultra High	PI88788	Rps1k,Rps3a	2	2	2	2	2	★	★	★	★
High	Average	PI88788	Rps1c,Rps3a	1	2	3	3	3	★	★	★	★
High	High	PI88788	Rps1c	2	4	2	2	4	●	★	★	●
High	High	Peking	Rps1k	3	3	2	3	5	★	★	●	★
High	Average	PI88788	Rps1k,Rps3a	2	4	5	3	5	★	●	★	★
High	High	Peking	Rps1k	3	4	3	3	5	●	★	★	★
High	High	PI88788	Rps1c	4	2	3	5	3	●	▼	●	▼
Average	Average	PI88788	Rps1c	2	3	2	3	2	●	★	★	★
High	High	PI88788	S	4	4	2	4	-	★	★	★	★
Average	Very High	Peking	Rps1k	4	4	3	4	-	▼	★	●	●
Average	High	Peking	Rps1k	2	4	3	4	2	●	★	★	★
Average	High	PI88788	Rps1c,Rps3a	3	6	3	3	-	●	★	●	●
Average	High	PI88788	Rps1c	3	4	2	3	-	★	★	★	★

### PHYTOPHTHORA RACE RESISTANCE

The following information correlates gene resistance to the actual races of Phytophthora the plant is protected from:

- S = Susceptible
- Rps1a = Resistant to races 1, 2, 10, 11, 13–18, 24, 26, 27, 31, 32, 36, 38
- Rps1c = Resistant to races 1–3, 6–11, 13, 15, 17, 21, 23, 24, 26, 28–30, 32, 34, 36, 38, 44
- Rps1k = Resistant to races 1–11, 13–15, 17, 18, 21–24, 26, 36–38, 44
- Rps3a = Resistant to races 1–5, 8, 9, 11, 13, 14, 16, 18, 23, 25, 28, 29, 31–35, 39, 44, 45
- Rps6 = Resistant to races 1–4, 8, 9, 10, 12, 14–16, 18–21, 25, 28, 33–35, 38, 39, 44, 45

### PHYTOPHTHORA FIELD TOLERANCE

Usually not as complete as race-specific resistance, but it offers general protection. Numerical rating scale of 1–9; 1 = Excellent, 9 = Poor

### ADAPTATION RATINGS

- ★ Above average performance
- Average performance
- ▼ Variety may not perform consistently
- ✘ Variety not recommended

Performance results are based on North American field trials and are not necessarily consistent with Eastern Canadian recommendations on pages 38-41.

# SOYBEANS

2025 TRAITED VARIETIES | CHU 2225-2400



RM 0.007	<b>S0007-S1X</b>	<b>Strong Agronomics with Great Yield Potential</b> <ul style="list-style-type: none"><li>• Rps1c/3a gene stack with very strong Phytophthora field tolerance</li><li>• Very good standability with sound SWM tolerance</li><li>• Strong performance across yield levels with excellent top-end yield potential</li></ul>	
CHU 2225			
RM 0.009	<b>S0009-J5X</b>	<b>Solid Agronomics with Broad Adaptation</b> <ul style="list-style-type: none"><li>• Strong Phytophthora field tolerance</li><li>• Excellent standability and Soybean White Mould tolerance</li><li>• Broad adaptability with optimal performance in high yield environments</li></ul>	<b>NEW</b>
CHU 2275			
RM 0.01	<b>S001-D8X</b>	<b>Excellent Yield with a Solid Agronomic Package</b> <ul style="list-style-type: none"><li>• Very good standability and tolerance to Soybean White Mould</li><li>• Strong stress tolerance allows performance across a range of soil types</li><li>• Performs well across yield environments</li></ul>	
CHU 2300			
RM 0.03	<b>S003-R5X</b>	<b>Outstanding Yield with Broad-acre Adaptability</b> <ul style="list-style-type: none"><li>• Rps1c with excellent tolerance to Phytophthora Root Rot</li><li>• Performs well across all yield environments and soil types</li><li>• Excellent standability with very good tolerance to Soybean White Mould</li></ul>	
CHU 2325			
RM 0.07	<b>S007-Z1X</b>	<b>Outstanding Performance Across Environments with Great Top-end Yield Potential</b> <ul style="list-style-type: none"><li>• Strong emergence and quick canopy closure in a short season maturity</li><li>• Great performance to move south of zone as an early harvest option</li><li>• Large plant type that performs well across soil types and row widths</li></ul>	
CHU 2400			

Notes:

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<p>RM 0.07</p> <p>CHU 2425</p>	<p><b>S007-A2XS</b></p> <p><b>ROUNDUP READY 2 XTEND SOYBEANS</b>   <b>STS</b></p>	<p><b>Outstanding Yield with Excellent Stress Tolerance</b></p> <ul style="list-style-type: none"> <li>• Consistent performance across yield environments and soil types</li> <li>• Good standability with strong performance in all row widths</li> <li>• Maintains height on tough acres</li> </ul>	
<p>RM 0.2</p> <p>CHU 2550</p>	<p><b>S02-M4XF</b></p> <p><b>XTENDFLEX SOYBEANS</b>   <b>SCN SOLUTIONS.</b></p>	<p><b>Known Genetics with Broad Adaptation and Soybean Cyst Nematode Resistance</b></p> <ul style="list-style-type: none"> <li>• Strong standability and Soybean White Mould tolerance</li> <li>• Rps1c gene with very good Phytophthora field tolerance</li> <li>• Good fit for highly productive and stress acres</li> </ul>	
<p>RM 0.3</p> <p>CHU 2600</p>	<p><b>S03-V5E3</b></p> <p><b>Enlist E3 SOYBEANS</b>   <b>SCN SOLUTIONS.</b></p>	<p><b>Proven Standability with Strong Yield Potential</b></p> <ul style="list-style-type: none"> <li>• Good stress bean suitable for all yield environments</li> <li>• Rps1c gene with solid field tolerance to Phytophthora Root Rot</li> <li>• Good choice for variable soil types</li> </ul>	
<p>RM 0.4</p> <p>CHU 2625</p>	<p><b>S04-J6X</b></p> <p><b>ROUNDUP READY 2 XTEND SOYBEANS</b>   <b>SCN SOLUTIONS.</b></p>	<p><b>Strong Agronomics with Exceptional Performance Across Yield Levels</b></p> <ul style="list-style-type: none"> <li>• Soybean Cyst Nematode resistance</li> <li>• Excellent standability for the highly productive acre</li> <li>• Maintains performance and height on lower yielding acres</li> </ul>	
<p>RM 0.6</p> <p>CHU 2675</p>	<p><b>S06-A3XF</b></p> <p><b>XTENDFLEX SOYBEANS</b>   <b>SCN SOLUTIONS.</b></p>	<p><b>Impressive Agronomics and Disease Package</b></p> <ul style="list-style-type: none"> <li>• Noticeable speed of emergence improving final stand on tougher soils</li> <li>• Rps1c/3a gene stack with outstanding Phytophthora Root Rot field tolerance</li> <li>• Excellent standability and strong Soybean White Mould tolerance</li> </ul>	

**Notes:**

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# SOYBEANS

2025 TRAITED VARIETIES | CHU 2700-2825




RM 0.7	<h2>S07-K5X</h2>	<b>Strong Performance Across Yield Environments Excelling on Tougher Acres</b> <ul style="list-style-type: none"><li>Desired Rps3a Phytophthora Root Rot gene</li><li>Taller plant with very good standability</li><li>Strong Soybean White Mould tolerance</li></ul>	
CHU 2700			
RM 0.9	<h2>S09-B5XF</h2>	<b>Exciting Disease and Agronomic Package</b> <ul style="list-style-type: none"><li>Medium plant type with excellent standability</li><li>Rps1c/3a gene stack provides excellent Phytophthora protection</li><li>Strong tolerance to Soybean White Mould</li></ul>	
CHU 2775			
RM 0.9	<h2>S09-H7E3</h2>	<b>Yield Stability Across Environments</b> <ul style="list-style-type: none"><li>Excellent standability with top-end yield potential</li><li>Very strong field tolerance to Phytophthora Root Rot with the Rps1k gene</li><li>Best positioned on mid to high yield acres</li></ul>	
CHU 2775			
RM 1.0	<h2>S10-W8XF</h2>	<b>Solid Agronomics and Impressive Stress Tolerance</b> <ul style="list-style-type: none"><li>Broad adaptation across soil types</li><li>Rps1c gene and solid field tolerance to Phytophthora Root Rot</li><li>Excellent choice for variable acres maintaining plant height</li></ul>	
CHU 2800			
RM 1.1	<h2>S11-A4E3</h2>	<b>Exciting Top-end Yield with Excellent Standability</b> <ul style="list-style-type: none"><li>Well suited to high yield environments</li><li>Rps1k/3a gene stack with outstanding Phytophthora field tolerance</li><li>Great emergence and good performance in poorly drained soils</li></ul>	
CHU 2825			

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<p>RM 1.1</p>	<h2>S11-U2XF</h2>	<p><b>Proven Genetics with a History of Excellent Performance</b></p> <ul style="list-style-type: none"> <li>• Medium-tall plant type with very good standability and tolerance to White Mould</li> <li>• Rps3a with dependable field tolerance to Phytophthora Root Rot</li> <li>• Outstanding SDS tolerance</li> </ul>	<p>NEW</p> 
<p>CHU 2825</p>	 		
<p>RM 1.2</p>	<h2>S12-M5X</h2>	<p><b>Outstanding Disease Package with Very Strong Agronomics</b></p> <ul style="list-style-type: none"> <li>• Great performance across yield levels, excelling in high-yield environments</li> <li>• Excellent Phytophthora field tolerance with desired Rps1k/3a gene stack</li> <li>• Best performance in and north of zone</li> </ul>	
<p>CHU 2825</p>	 		
<p>RM 1.3</p>	<h2>S13-Y4XF</h2>	<p><b>Trusted Genetics with Impressive Agronomic and Disease Package</b></p> <ul style="list-style-type: none"> <li>• Ease of placement with broad adaptation across soil types</li> <li>• Rps1c/3a Phytophthora Root Rot gene stack with strong performance in saturated soils</li> <li>• Excellent standability and Soybean White Mould tolerance</li> </ul>	
<p>CHU 2825</p>	 		
<p>RM 1.4</p>	<h2>S14-C7XF</h2>	<p><b>Consistent Yield with Complete Defensive Package</b></p> <ul style="list-style-type: none"> <li>• Proven genetics that are broadly adapted across soil types</li> <li>• Excellent standability with strong tolerance to Soybean White Mould</li> <li>• Strong performance south of zone while holding plant height</li> </ul>	
<p>CHU 2850</p>	 		
<p>RM 1.5</p>	<h2>S15-G9E3S</h2>	<p><b>Peking SCN Resistance with Excellent Sudden Death Syndrome Tolerance</b></p> <ul style="list-style-type: none"> <li>• Great standability and Solid Soybean White Mould tolerance</li> <li>• Rps1k gene with solid Phytophthora Field Tolerance</li> <li>• Maintains yield performance when moved south of zone</li> </ul>	<p>NEW</p> 
<p>CHU 2850</p>	   		

**Notes:**

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# SOYBEANS

2025 TRAITED VARIETIES | CHU 2875-3175

RM 1.6	<h2>S16-K2X</h2>	<b>Early Bean for Wheat Planting with Strong Performance on Clay Soils</b> <ul style="list-style-type: none"><li>• Excellent performance across yield environments</li><li>• Desired Rps1k/3a Phytophthora gene stack</li><li>• Great emergence and standability</li></ul>	
CHU 2875	 		
RM 1.8	<h2>S18-F1E3S</h2>	<b>Peking Source of SCN Resistance with Broad Adaptation</b> <ul style="list-style-type: none"><li>• Strong performance at all yield levels</li><li>• Very good standability for high-yield environments</li><li>• Great choice for fields with a history of Phytophthora</li></ul>	
CHU 2925	   		
RM 2.0	<h2>S20-L8X</h2>	<b>Outstanding Stress Tolerance with High Yield Potential</b> <ul style="list-style-type: none"><li>• Excellent Sudden Death Syndrome and Soybean White Mould tolerance</li><li>• Fast emergence under tough soil conditions</li><li>• Excels in lower yielding environments</li></ul>	
CHU 3025	 		
RM 2.2	<h2>S22-A2E3</h2>	<b>Strong Performance Across Yield Environments with Exciting Disease Package</b> <ul style="list-style-type: none"><li>• Excellent standability with very good Soybean White Mould tolerance</li><li>• Strong Sudden Death Syndrome tolerance</li><li>• Excellent Phytophthora field tolerance</li></ul>	
CHU 3075	 		
RM 2.5	<h2>S25-K4XF</h2>	<b>Strong Performance Across Variable Acres</b> <ul style="list-style-type: none"><li>• Outstanding Sudden Death Syndrome tolerance</li><li>• Sound Phytophthora field tolerance</li><li>• Excellent standability for highly productive acres</li></ul>	
CHU 3175	 		

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<p>RM 2.6</p> <p>CHU 3175</p>	<h2>S26-E3</h2>  <p><b>PEKING</b>   <b>SCN SOLUTIONS.</b></p>	<p><b>Top-end Yield Potential with Unique Peking Source of Soybean Cyst Nematode Resistance</b></p> <ul style="list-style-type: none"> <li>• Strong Sudden Death Syndrome tolerance</li> <li>• Great standability for the highly productive acre</li> <li>• Best performance in mid- to high-yield environments</li> </ul>	
<p>RM 2.9</p> <p>CHU 3250</p>	<h2>S29-R5X</h2>  <p><b>PEKING</b>   <b>SCN SOLUTIONS.</b></p>	<p><b>Suitable for 2.7 to 3.1 Maturity with Peking Source of SCN Resistance</b></p> <ul style="list-style-type: none"> <li>• Excellent speed of emergence and larger plant type for early season establishment</li> <li>• Outstanding Phytophthora Root Rot field tolerance with Rps1k genetic resistance</li> <li>• Very strong performance across soil types while maintaining plant height</li> </ul>	
<p>RM 2.9</p> <p>CHU 3275</p>	<h2>S29-N5E3</h2>  <p><b>SCN SOLUTIONS.</b></p>	<p><b>Excellent Standability and Yield Potential for Highly Productive Acres</b></p> <ul style="list-style-type: none"> <li>• Consistent performance across yield levels</li> <li>• Rps1c/3a gene stack for Phytophthora Root Rot protection</li> <li>• Strong Sudden Death Syndrome tolerance</li> </ul>	<p><b>NEW</b></p> 
<p>RM 3.2</p> <p>CHU 3325</p>	<h2>S32-J5XF</h2>  <p><b>SCN SOLUTIONS.</b></p>	<p><b>Broad Adaptation with Strong Agronomics</b></p> <ul style="list-style-type: none"> <li>• Outstanding Sudden Death Syndrome tolerance</li> <li>• Excellent standability with top-end yield potential</li> <li>• Very good performance across soil types</li> </ul>	

Notes:

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# SOYBEANS

## POPULATION RECOMENDATIONS

### Population recommendations by management zone



#### VARIETY PLANT TYPES

Thin	Between	Branching
	S03-V5E3	
	S09-H7E3	
	S11-A4E3	
	S15-G9E3S	
	S18-F1E3S	
	S22-A2E3	
	S26-E3	
	S29-N5E3	



#### VARIETY PLANT TYPES

Thin	Between	Branching
	S0007-S1X	
	S0009-J5X	
	S001-D8X	
	S003-R5X	
		S007-Z1X
		S007-A2XS
		S04-J6X
		S07-K5X
		S12-M5X
		S16-K2X
		S20-L8X
		S29-R5X



#### VARIETY PLANT TYPES

Thin	Between	Branching
	S02-M4XF	
	S06-A3XF	
	S09-B5XF	
		S10-W8XF
	S11-U2XF	
	S13-Y4XF	
	S14-C7XF	
	S25-K4XF	
	S32-J5XF	

**Thin** varieties perform best grown in row widths of 15" or less

**Between** varieties can be managed to act either thin or branching

**Branching** varieties excel in row widths of 20" or greater with performance across all row widths

#### YIELD ENVIRONMENT (BU/AC)

Soil type	Plant type	> 60	40-60	< 40
Sand	Thin	150,000	175,000	200,000
	Branching	120,000	150,000	180,000
Clay	Thin	180,000	200,000	225,000
	Branching	140,000	165,000	190,000
Loam	Thin	160,000	180,000	200,000
	Branching	100,000	125,000	150,000

#### Increase population by 10% over recommendations if:

- Field has poor drainage and history of early season establishment issues.
- Field has history of soil crusting and early season establishment issues.
- Planting soybeans later in the season (after June 15<sup>th</sup>).

#### Decrease population by 10-20% under recommendations if:

- Field has a high risk or history of white mould.

#### Row width considerations:

- Consider selecting between and branching varieties for row widths of 20" or greater.

# SOYBEANS

## VARIETY POSITIONING

### Genetics x Environment x Management = High-yielding soybeans



#### Genetics

**Seed:** Select high-performing seed bred for local conditions.

**SCN protection:** Guard against yield loss with pest-resistant seed.



#### Environment

**Pest management:** Protect crops against weeds, pests and diseases.

**Soil type:** Understand how to optimize growth by soil type.

**Weather:** Prepare for and respond to specific weather conditions.



#### Management

**Fertility:** Monitor crop nutrition and take appropriate action.

**Stand establishment:** Make Seedcare™ and planting decisions to start off strong.

**Equipment:** Calibrate precision equipment for peak performance.

**Harvest management:** Maximize yield through timing and equipment.

## White mould

- Top yield-robbing disease in soybeans with losses of up to 75%.
- Our research capabilities help ensure growers have excellent solutions to white mould.

### How to manage:

- Select genetics with excellent tolerance where possible.
- In fields with white mould history and high-risk environments, reduce populations by 10% for varieties with an "excellent" rating and up to 20% for varieties with an "average" rating.
- Consider applying Allegro® fungicide as part of a white mould integrated pest management (IPM) strategy.



Enlist E3 SOYBEANS		ROUNDUP READY 2 XTEND SOYBEANS		XTENDFLEX SOYBEANS	
EXCELLENT	AVERAGE	EXCELLENT	AVERAGE	EXCELLENT	AVERAGE
	S03-V5E3		S0007-S1X	S02-M4XF	
	S09-H7E3	S0009-J5X		S06-A3XF	
S11-A4E3		S001-D8X		S09-B5XF	
S15-G9E3S		S003-R5X		S10-W8XF	
	S18-F1E3S		S007-A2XS	S11-U2XF	
S22-A2E3			S007-Z1X	S13-Y4XF	
	S26-E3		S04-J6X		S14-C7XF
	S29-N5E3	S07-K5X			S25-K4XF
		S12-M5X			S32-J5XF
			S16-K2X		
		S20-L8X			
			S29-R5X		



# SOYBEANS

## VARIETY POSITIONING

### Pod and stem blight

- Small black raised dots (pycnidia) often in rows on the stem and no pattern on the pods.
- Fungus overwinters in seed and crop residue.
- Warm, wet or humid weather during pod fill favours disease development.

#### How to manage:

- Variety selection
- Fungicide application
- Residue management



EXCELLENT	AVERAGE
	S03-V5E3
	S09-H7E3
S11-A4E3	
	S15-G9E3S
	S18-F1E3S
S22-A2E3	



EXCELLENT	AVERAGE
	S0007-S1X
	S001-D8X
S003-R5X	
	S007-A2XS
S007-Z1X	
S04-J6X	
S07-K5X	
S12-M5X	
	S16-K2X
S20-L8X	
S29-R5X	



EXCELLENT	AVERAGE
	S02-M4XF
S06-A3XF	
S09-B5XF	
	S10-W8XF
S13-Y4XF	
S14-C7XF	



### Sudden death syndrome (SDS)

- Caused by the fungal disease *Fusarium virguliforme*.
- Potentially linked with soybean cyst nematode (SCN), as nematode feeding allows the entry of secondary pathogens.
- Leaf symptoms caused by toxins produced by the fungus.

#### How to manage:

- Choose varieties with SDS and SCN resistance
- Apply Saltro® seed treatment (see page 43)



EXCELLENT	AVERAGE
	S03-V5E3
S09-H7E3	
	S11-A4E3
S15-G9E3S	
S18-F1E3S	
S22-A2E3	
S26-E3	
S29-N5E3	



EXCELLENT	AVERAGE
	S007-A2XS
S04-J6X	
	S07-K5X
S12-M5X	
	S16-K2X
S20-L8X	
S29-R5X	



EXCELLENT	AVERAGE
S02-M4XF	
S06-A3XF	
S09-B5XF	
S10-W8XF	
S11-U2XF	
S13-Y4XF	
S14-C7XF	
S25-K4XF	
S32-J5XF	



### Brown stem rot (BSR)

- Pathogen survives in crop debris.
- Infection occurs early in the season but foliar symptoms appear when pods begin to fill (R3-R4).
- Pith will show brown discoloration.

#### How to manage:

- Rotation
- Residue management
- Variety selection



EXCELLENT	AVERAGE
S03-V5E3	
S09-H7E3	
S11-A4E3	
S15-G9E3S	
S18-F1E3S	
S22-A2E3	
	S26-E3
S29-N5E3	



EXCELLENT	AVERAGE
	S0007-S1X
S0009-J5X	
S001-D8X	
	S003-R5X
S007-A2XS	
S007-Z1X	
S04-J6X	
S07-K5X	
S12-M5X	
S16-K2X	
	S20-L8X
	S29-R5X



EXCELLENT	AVERAGE
S02-M4XF	
S06-A3XF	
S09-B5XF	
	S10-W8XF
S11-U2XF	
S13-Y4XF	
S14-C7XF	
	S25-K4XF
S32-J5XF	



### Phytophthora root rot (PRR) field tolerance

- Caused by soil-borne pathogen *Phytophthora sojae*.
- Most common on poorly drained soils.
- Can infect at all plant stages when conditions favour the pathogen.
- Symptoms usually become apparent two weeks after heavy rains.
- Genetic selection against PRR should include major genes – Rps genes and field tolerance.

#### How to manage:

- Apply Vayantis® IV seed treatment
- Variety selection
- Improve soil drainage



EXCELLENT	AVERAGE
S03-V5E3	
S09-H7E3	
S11-A4E3	
S15-G9E3S	
S18-F1E3S	
S22-A2E3	
	S26-E3
S29-N5E3	



EXCELLENT	AVERAGE
S0007-S1X	
S0009-J5X	
	S001-D8X
S003-R5X	
	S007-A2XS
	S007-Z1X
S04-J6X	
S07-K5X	
S12-M5X	
S16-K2X	
	S20-L8X
S29-R5X	



EXCELLENT	AVERAGE
S02-M4XF	
S06-A3XF	
S09-B5XF	
S10-W8XF	
S11-U2XF	
S13-Y4XF	
S14-C7XF	
	S25-K4XF
S32-J5XF	







# SOYBEANS

SYNGENTA SOYBEAN SEEDCARE™

## Protect your investment

With NK seed, we tap into the latest Seedcare™ innovations from Syngenta, so you can protect your investment against early-season insect and disease threats.

NK is offering a choice of two soybean Seedcare packages with the option to add Saltro® on select varieties.

	DISEASES CONTROLLED CAUSED BY						PESTS						
	Fusarium	Rhizoctonia	Pythium	Phomopsis	Phytophthora megasperma var. sojae	Sudden death syndrome	Bean leaf beetle	Black cutworm	European chafer	June beetle	Seed corn maggot	Soybean cyst nematode	Wireworm
<b>PACKAGE 1</b>													
	●	●	●	●	●								
<b>PACKAGE 2</b>													
							● <sup>1</sup>	●	●	●	●		●
	●	●	●	●	●								
<b>ADD-ON OPTION</b>													
						●						◆	

ROOTING POWER

ROOTING POWER

### LEGEND

● Control    ◆ Suppression

<sup>1</sup> Use for early season feeding damage from bean leaf beetle.



Four ways to rock early-season disease. Now in an improved, easy to use formulation. **Vayantis® IV RFC** seed treatment is the next generation of soybean seed treatments from Syngenta. It delivers comprehensive, next-level performance against a wide range of early-season seed and seedling diseases – including the broadest Pythium and Phytophthora protection available – for a stronger standing, higher-performing crop.



**Fortenza®** is a Group 28 insecticide seed treatment that provides control of seed corn maggot, wireworm, European chafer and June beetle. Even under heavy insect pressure, Fortenza helps growers build a strong soybean stand with faster, more uniform growth.

# SOYBEANS

SYNGENTA SOYBEAN SEEDCARE™

## **Atuva™ Bold**

**Atuva™ Bold** accelerates the establishment of communication between the plant and bacteria, triggering early nodulation and maximizing biological nitrogen fixation. Atuva Bold's novel manufacturing process leads to longer on-seed survival and better performance in the field under various environments.

## **Saltro®**

For growers facing Sudden Death Syndrome (SDS) challenges in their soybeans, **Saltro®** fungicide seed treatment sets the new standard in efficacy against SDS and suppression of SCN without negatively impacting early season development, so they can prevent SDS confidently and protect their profit potential.

10 days after planting



**Saltro®**



**ILeVO®**

**Saltro® sets the standard in efficacy against SDS without negatively impacting early-season development, so you can confidently prevent SDS while protecting the profit potential of your soybeans.**

Add Saltro® to seed treatments and give your soybeans the very best protection against early-season insects and diseases.

*Photos taken at The Seedcare Institute in Stanton, MN, in April 2019. Seeds treated with Saltro® or ILeVO® also received a base treatment of Cruiser Maxx Vibrance Beans.*

 **Saltro®**

**syngenta®**

# SOYBEANS

## ENLIST™ WEED CONTROL SYSTEM



### The Enlist™ weed control system will change how you think about weed management in soybeans.

Enlist E3™ soybean varieties are now available. Using the Enlist weed control system, farmers can take control of resistant and hard-to-control weeds.

#### WHY USE THE ENLIST WEED CONTROL SYSTEM?

- A system with new traits providing herbicide tolerance in soybeans and corn
- Herbicide solutions built on an improved form of 2,4-D that lands and stays on target, enables management of hard-to-control and resistant weeds with Group 4 herbicides
- Enlist Stewardship resources that support the use of multiple modes of action to manage resistant weeds, provide training, and promote responsible and sustainable use

### Enlist E3™ Soybeans

Enlist E3 soybeans provide high-yielding soybean genetics and industry leading triple-mode of action herbicide tolerance.

#### WHY USE ENLIST E3 SOYBEANS?

- Enlist E3 soybeans are tolerant to 2,4-D, glyphosate and glufosinate herbicides, which are part of a strong resistance management strategy
- Excellent crop tolerance enabling applications up to the R2 growth stage

### Enlist™ herbicides that land and stay on target



#### COMPLETE CONVENIENCE.

Enlist Duo provides the convenience of both 2,4-D choline and glyphosate in one formulation for control of grasses and broadleaf weeds including hard-to-control and resistant weeds.



#### FLEXIBILITY AND CHOICE.

Enlist 1, a stand-alone 2,4-D choline formulation, provides the flexibility to tank-mix and adjust the rates of glyphosate or Liberty® 200 SN (glufosinate) for hard-to-control and resistant weeds.

COLEX•D™ technology			
WHAT GOES INTO IT			
2,4-D choline with Colex-D Technology	Latest formulation science	Proprietary manufacturing process	
WHAT IT DELIVERS			
Near zero volatility	Minimized potential for physical drift	Low odour	Improved handling characteristics

# SOYBEANS

## ENLIST™ WEED CONTROL SYSTEM



### Enlist Duo™ and Enlist™ 1 are powerful tools as part of the Enlist™ Weed Control System

- › Colex-D technology helps ensure that Enlist herbicides land and stay on target
- › Wide window of application from pre-plant burndowns up to the R2 stage (full flower).
- › Designed to be used with complimentary herbicides as part of a Program Approach to manage a wide range of hard-to-control and resistant weeds like:
  - › Canada fleabane
  - › Common Lamb's-quarters
  - › Common ragweed
  - › Eastern Black Nightshade
  - › Giant ragweed
  - › Pigweed species
  - › Velvetleaf
  - › Waterhemp

### Program approach

Start clean with tillage, burndown herbicide, or a soil residual herbicide

PLANT ENLIST E3™ SOYBEANS

If not applied before planting, apply soil residual herbicide

Apply Enlist Duo™ or Enlist™ 1 herbicide  
No later than R2 or full flowering stage

Enlist™ herbicides - no plant-back restriction



**Enlist Duo™**  
with COLEX-D™ technology  
HERBICIDE

**Enlist™ 1**  
with COLEX-D™ technology  
HERBICIDE

Apply Liberty® 200 SN herbicide  
No later than R1 or beginning bloom

**Liberty 200 SN**  
Herbicide



[EnlistCanada.ca](http://EnlistCanada.ca)

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# SEED MANAGEMENT



## SEED BEST MANAGEMENT PRACTICES

### The value of seed applied insecticides

Seed Applied Insecticides (SAIs) represent one of the most advanced forms of crop protection technology available, offering growers a targeted, environmentally sustainable means of pest management. Applied directly to the seed only where needed, SAIs require less active ingredient per acre compared to foliar and soil-applied pesticides, and minimize off-target drift, reducing the impact on non-target organisms. For growers who require a fungicide-only seed treatment, NK soybean seed is available treated with Vayantis® IV, and NK corn seed is available treated with Vayantis® Xtra.

### Protecting pollinators on the farm

Syngenta is committed to protecting pollinators and continues work to develop and implement additional solutions to address dust generated when planting treated corn and soybean seed and to further efforts on other bee health issues.

Best management practices for the handling of seed treated with an insecticide are an important tool to help maximize the benefits of seed treatments and protect bees and other non-target insects at the same time.

**For more information, please visit [beehealth.ca](http://beehealth.ca)**

Always read and follow label directions.

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## Syngenta Stewardship

Syngenta is committed to investing in new technologies and genetics to develop valuable agricultural advancements. We offer innovative tools and products, expert agronomic advice, and support best management practices designed to help Canadian growers produce their best crop.

We recognize that agriculture can only be sustainable if the products we develop are well-understood and well-handled throughout their lifecycle. Syngenta remains dedicated to the responsible and ethical management of our products.

Stewardship is an ethic that embodies the responsible planning and management of resources. Seed stewardship is the duty of everyone in the agricultural community.

All NK® Seeds Canada farmers are required to have an active Syngenta Stewardship Agreement in place, which provides a license to grow the technologies listed in this seed guide along with the genetics offered. The Syngenta Stewardship Agreement must be signed by an authorized grower prior to the delivery of any NK Seeds Canada products.

Please review and sign the Syngenta Stewardship Agreement online at [www.syngenta.ca/stewardship\\_agreement](http://www.syngenta.ca/stewardship_agreement). If you have any questions or concerns, please do not hesitate to reach out to your NK Territory Sales Representative.

Please note, prior to opening a bag of NK seed or using the Trubulk® seed, be sure to read and understand the stewardship requirements applicable to the seed.

By opening and using a bag of NK Seeds Canada seed, you are reaffirming your obligation to comply with those stewardship requirements.

## Syngenta stewardship best management practices for corn

For more information about Syngenta corn stewardship, please visit: [Syngenta.ca/seedstewardship](https://www.syngenta.ca/seedstewardship)



Before opening a bag of seed, be sure to read and understand the stewardship requirements, including applicable refuge requirements when planting insect protected traits as set forth in the Syngenta Stewardship Agreement that you sign. By opening and using a bag of seed, you are reaffirming your obligation to comply with those stewardship requirements.

To view recommended planting layouts, maps and configurations, please visit the Canadian Corn Pest Coalition at [cornpest.ca](https://www.cornpest.ca) or request a Grower's Handbook at 1-800-756-7333.

NOTE: Crops or other material produced from Agrisure corn trait products can only be exported to, used, processed and/or sold in countries where all necessary regulatory approvals have been granted.

### Insect Resistance Management (IRM)

Bt corn must have an insect resistance management plan. This is a requirement set by the Canadian Food Inspection Agency (CFIA). It is also a strategy endorsed by leading scientists to reduce the risk of insect populations developing resistance to Bt corn.

Syngenta is committed to following, supporting, and providing growers with relevant information to help them implement the IRM requirements set by the CFIA. Therefore, all growers must sign a Syngenta Stewardship Agreement before taking delivery of any Syngenta insect protected corn. Doing so will, in part, demonstrate their commitment to supporting the best management practices to reduce the potential risk of insects developing resistance to the Bt traits.

It is important to recognize that different products may have different insect resistance management requirements.

### Failure to comply with refuge requirements may:

- Lead to insect resistance
- Slow down the introduction of new corn technologies that provide additional insect protection
- Affect grower access to Corn traited products

### Scouting is essential!

Proper observation of your fields, as well as other integrated pest management strategies, will also aid in increasing the longevity of insect traits in the field. In order to first determine potential pest impact, a grower should consider pest populations in the area, crop damage from insect feeding seen in the previous year, and the rotation of the crop (to consider pest overwintering habitats).

Scout refuge plantings to determine the level of insect pressure in your field, then scout the Syngenta hybrids to note their effectiveness and look for signs of damage that may indicate resistance to either the Bt trait or the corn rootworm trait. If concerns arise, please contact your local Syngenta Representative immediately for further field investigation.

### Growers should rotate every year if:

- Fields have been in long-term continuous corn systems
- Target insect populations are high
- There have been problems with insect-resistant trait performance

Rotation to crops such as soybeans, alfalfa or small grains will aid in removing the pests' food source and cause a population shift.

# CONTACT



## Have questions?

### Your rep can help.

Your NK representative understands local conditions and has the experience and expertise to recommend the right seed for your farm.

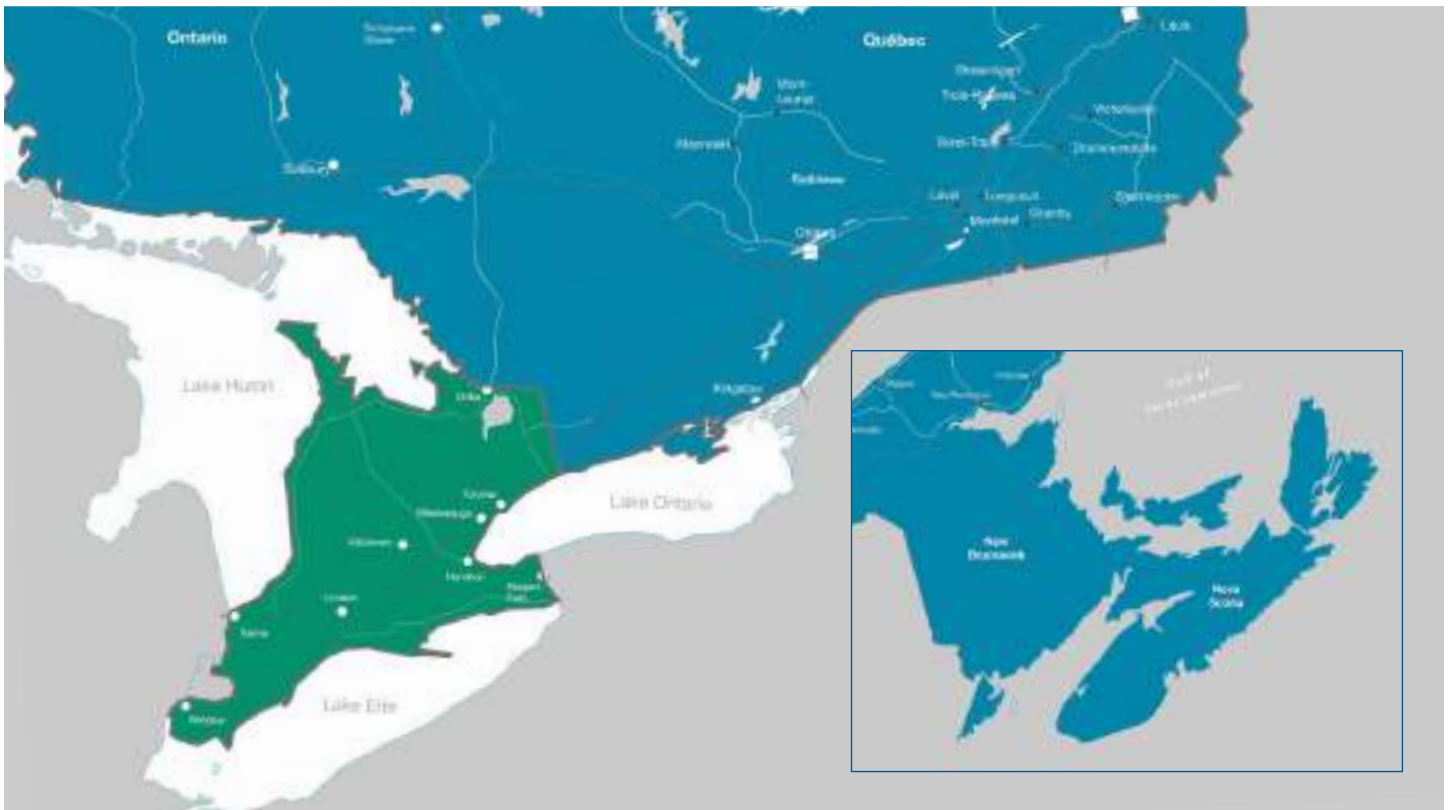
### Not sure who to contact?



### Contact

our Customer Interaction Centre at  
1-87-SYNGENTA (1-877-964-3682)

## Our Agronomists

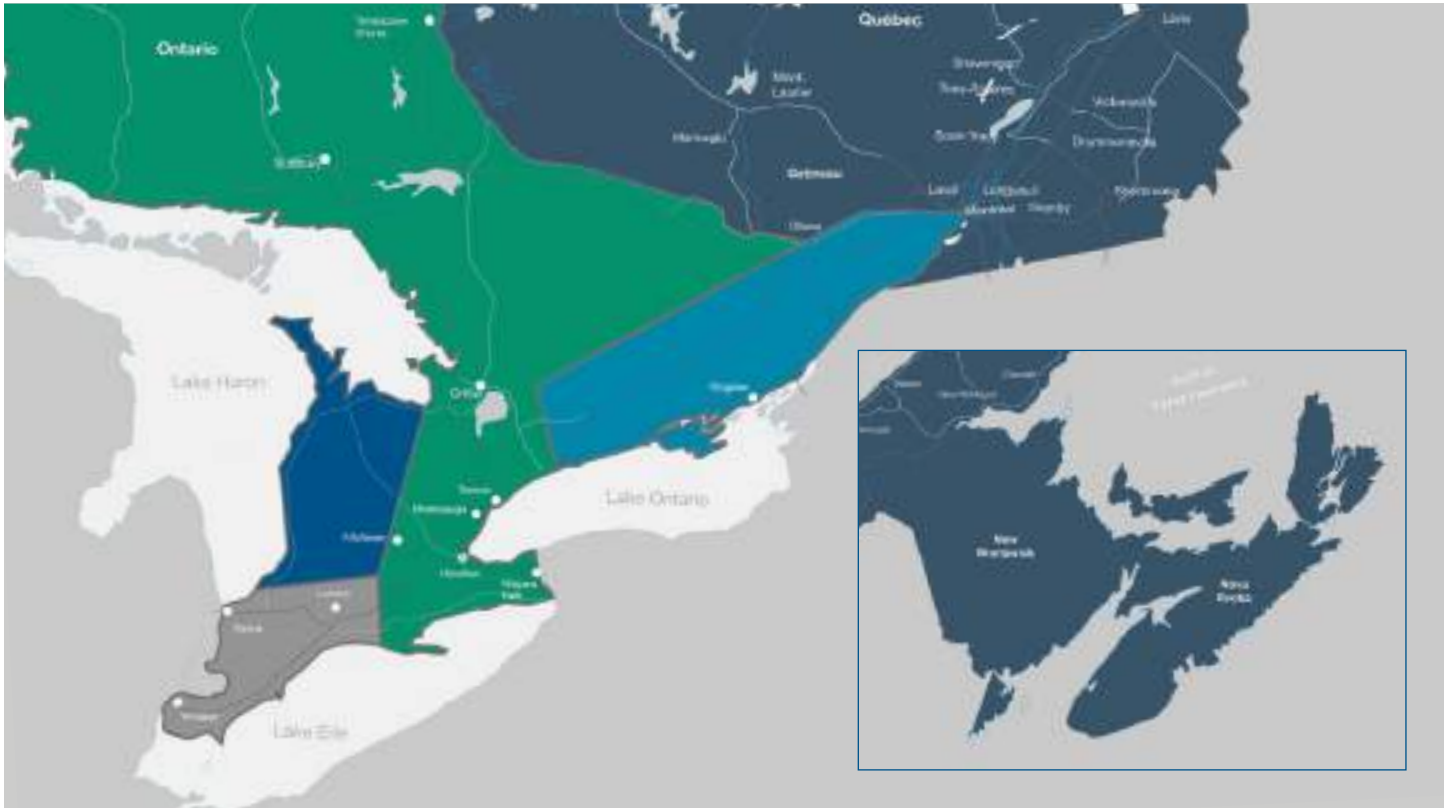


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### Benefits of Certified Seed

Sharing the Message – Success, Farmers Plant It

A purchase of Certified Seed opens the door to new opportunities for success:

- Quality assurance
- Access to new and improved varieties
- Efficient use of inputs
- New marketing opportunities
- Supports the development of new varieties for the future



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**Bayer is a member of Excellence Through Stewardship® (ETS).** Bayer products are commercialized in accordance with ETS Product Launch Stewardship Guidance, and in compliance with Bayer's Policy for Commercialization of Biotechnology-Derived Plant Products in Commodity Crops. These products have been approved for import into key export markets with functioning regulatory systems. Any crop or material produced from these products can only be exported to, or used, processed or sold in countries where all necessary regulatory approvals have been granted. It is a violation of national and international law to move material containing biotech traits across boundaries into nations where import is not permitted. Growers should talk to their grain handler or product purchaser to confirm their buying position for these products. Excellence Through Stewardship® is a registered trademark of Excellence Through Stewardship.

**ALWAYS READ AND FOLLOW PESTICIDE LABEL DIRECTIONS.** It is a violation of federal law to use any pesticide product other than in accordance with its labeling. NOT ALL formulations of dicamba, glyphosate or glufosinate are approved for in-crop use with products with XtendFlex® Technology. ONLY USE FORMULATIONS THAT ARE SPECIFICALLY LABELED AND APPROVED FOR SUCH USES. Contact the Pest Management Regulatory Agency with any questions about the approval status of dicamba herbicide products for in-crop use with Roundup Ready 2 Xtend® soybeans or products with XtendFlex® Technology.

**Always read and follow label directions. Roundup Ready 2 Xtend® soybeans contains genes that confer tolerance to glyphosate and dicamba. Products with XtendFlex® Technology contain genes that confer tolerance to glyphosate, glufosinate and dicamba. Glyphosate will kill crops that are not tolerant to glyphosate. Dicamba will kill crops that are not tolerant to dicamba. Glufosinate will kill crops that are not tolerant to glufosinate. Roundup Ready 2 Xtend®, Roundup Ready 2 Yield® and XtendFlex® are registered trademarks of Bayer Group. Used under license. Bayer CropScience Inc. is a member of CropLife Canada. © 2024 Bayer Group. All rights reserved.**

Hybrid names, as opposed to variety names, are stated in this seed guide. Please contact Syngenta directly or consult the product's bag/tag to obtain the product's variety name.

Performance evaluations are based on internal trials, field observations and/or public information. Data from multiple locations and years should be consulted whenever possible. Individual results may vary depending on local growing, soil and weather conditions.

These are general considerations. Always consider the specific situation on your field and exercise good agronomic practices.

NK® soybean varieties are protected under granted or pending Canadian variety patents and other intellectual property rights, regardless of the trait(s) within the seed.

The seeds, traits, and technology contained herein, as well as the parental lines and progeny, are covered by intellectual property protection, which may include plant variety certificates, trade secrets and patents which may include, but are not limited to, patented germplasm, transgenic traits, native traits, transformation technologies, methods of use and breeding methods. The purchase/bailment/transfer of these seeds conveys no right under any intellectual property to use these seeds for any purpose. A conditional right for a specific use, including planting for a single commercial crop, must be first obtained by entering into a Syngenta Stewardship Agreement.

**Always read and follow label directions.** Maxim Quattro with Vibrance is an on-seed application of Maxim Quattro Seed Treatment fungicide and Vibrance 500FS Seed Treatment fungicide. Miravis® Neo refers to Miravis® Neo 300SE fungicide. Trivapro® is a co-pack of Trivapro® A fungicide and Trivapro® B fungicide. Vayantis IV is a co-pack of Vibrance Trio fungicide seed treatment and Vayantis fungicide seed treatment. AAtrex®, Acuron®, Agrisure®, Artesian™, Atuva™, Bio Induction Technology™, Boundary®, Callisto®, Draco®, Duracade™, DuracadeViptera™, Endigo®, Envita®, E-Z Refuge®, Flexstar®, Fortenza®, Foundation Acre®, Halex®, IP Globe™, Magnum®, Maxim®, Mertect®, Miravis®, NK®, NK® and Design, Osmo Protector Technology™, Primextra®, Reflex®, Rooting Power®, RTA®, Saltro®, SCN Solutions™, Seedcare™, Tavium®, Trivapro®, Vayantis®, Venture®, Vibrance®, Viptera™, Voliam Xpress® and the Syngenta logo are trademarks of a Syngenta Group Company. Allegro® is a trademark of ISK Biosciences Corporation. STS® is a trademark of Corteva Agriscience LLC. Respect the Refuge® is a trademark of the Canadian Seed Trade Association. Other trademarks are property of their respective owners.

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