2025 EASTERN CANADA

SEED GUIDE

140 YEARS

OUR LEGACY IS GROWING YOURS

NK®

syngenta®

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

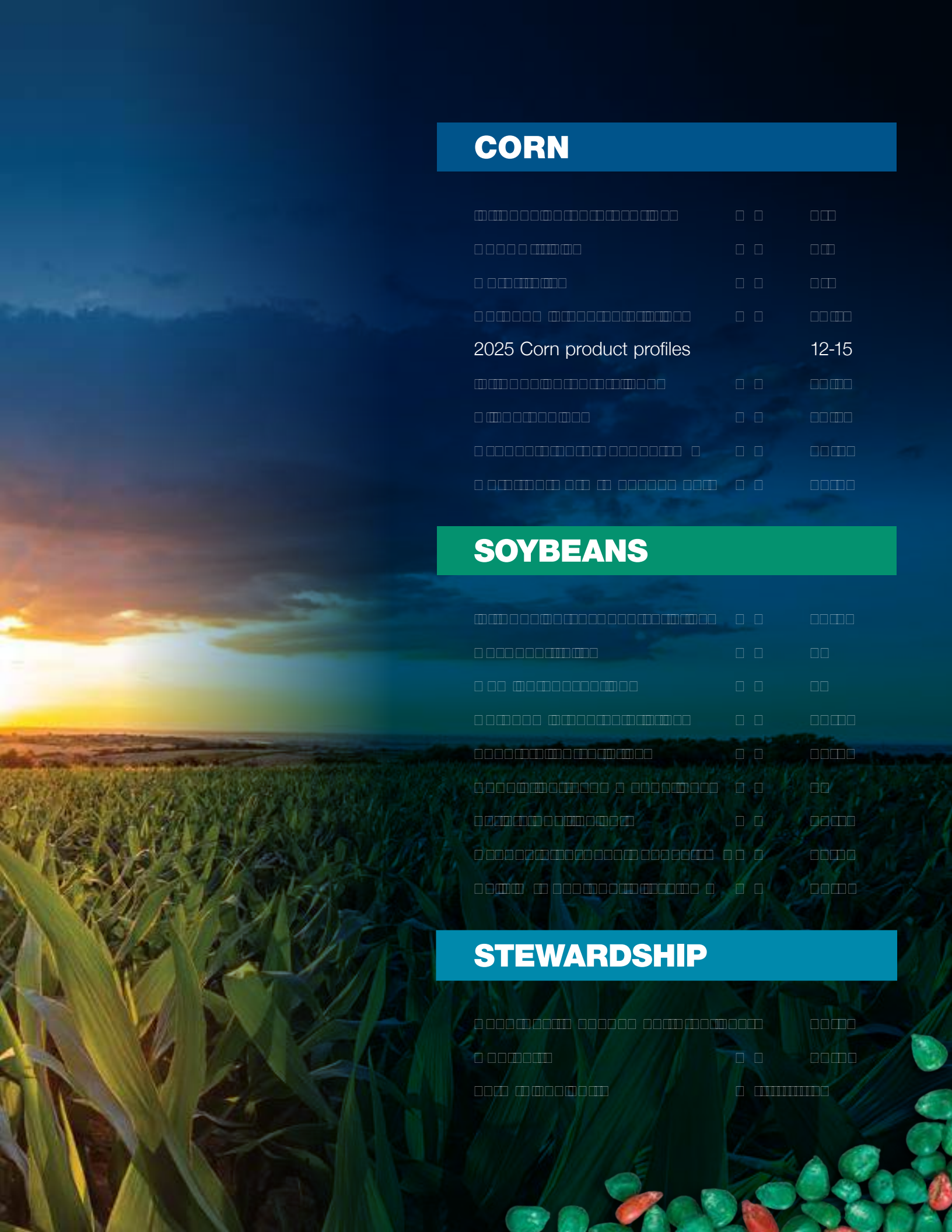
Our commitment goes back to 1884, when we first began selling seed corn. Not many competitors made it this long, and of them, we were the first. We were also the first private seed company with a formal research program, and the first to commercialize a biotech trait in corn.

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.

CORN

SOYBEANS

STEWARDSHIP




CORN
HYBRIDS

OUR LARGEST CORN LAUNCH CLASS IN 10+ YEARS IS HERE

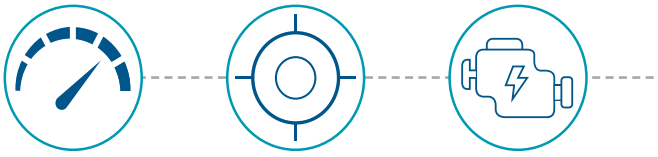
on your field faster than ever.

CORN

Speed, precision and power

we reinvest 9% of every $1 in profit

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

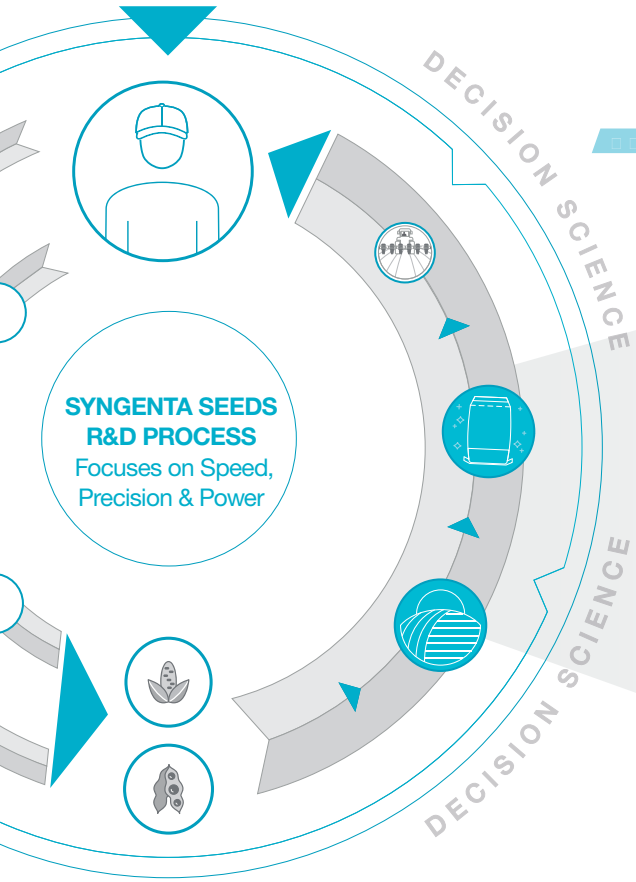


When it comes to innovation, we take a different

When it comes to innovation, we take a different and talent in one specific geographic location, we farmers in those specific areas.

Getting stronger hybrids on the right acre, faster

testing footprint reflects the conditions farmers



STEPP TRIALS™

Strategic Testing for Effective Product Placement

STAGE 6

Population and management response trials refine

STAGE 5

STAGE 4

Corn traits

Syngenta is uniquely positioned in the market as the only company that offers a complete trait package of insect control

		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	

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.

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.

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.

Control more insects for increased yield potential

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

	Duracade Viptera	Duracade	Optimum® AcreMax® XTreme/Qrome®	Vorceed™ Enlist®	SmartStax®/ SmartStax PRO RIB Complete®
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.

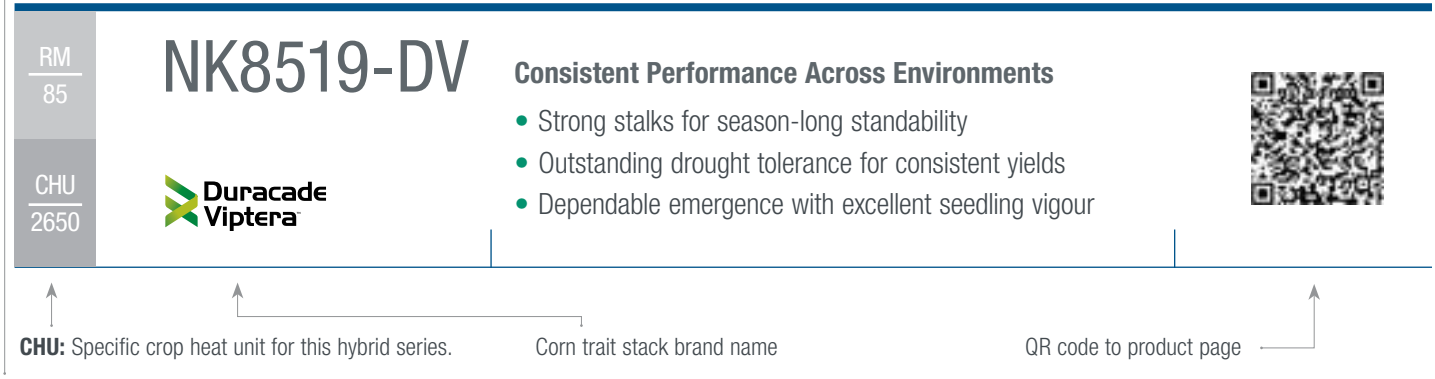
Description key

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.



CHU: Specific crop heat unit for this hybrid series.

Corn trait stack brand name

QR code to product page

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 ***NEW***	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 ***NEW***	V		✓	✓	✓	87	2675	87	86	3	3	4	4	3	3	3	3	2	SF
NK9044 ***NEW***	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 ***NEW***	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 ***NEW***	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 ***NEW***	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 ***NEW***	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 ***NEW***	V		✓	✓	✓	108	3225	107	108	3	2	3	3	3	5	3	2	4	SF

CORN CHART KEY

TRAIT

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

AGRONOMIC/PLANT CHARACTERISTIC AND DISEASE TOLERANCE RATINGS

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

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

CORN

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

LIBERTY LINK®

Seed products with the LibertyLink® (LL) trait are resistant to the herbicide glufosinate ammonium, an alternative to glyphosate in corn, and combine high-yielding genetics with the powerful, non-selective, 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

RM 78
CHU 2350

NK7837-V

Viptera™

Broad Adaptation Across Yield Environments

- Very good emergence and vigour
- Heavy test weight with good grain quality
- Great drought tolerance for consistent yields

RM 80
CHU 2400

NK8005-V

Viptera™

Consistent Potential Across a Wide Range of Yield Environments

- Proven stalks and roots allows for season-long standability
- Early flowering for good northern adaptation
- Semi-flex ear provides population flexibility

RM 85
CHU 2625

NK8558-AA

Agrisure® Above

Outstanding Yield Potential and Versatility on a Wide Range of Soil Types

- Solid emergence and vigour allows for earlier planting
- Best performance in medium to high populations
- Good drydown will lead to Northern movement

NEW

RM 85
CHU 2650

NK8519-DV

Duracade® Viptera™

Consistent Performance Across Environments

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

RM 87
CHU 2675

NK8711-V

Viptera™

Broadly Adapted Product that Provides Top-end Yield Potential Across a Range of Environments

- Solid roots and late-season stalks
- Consistent ear placement with nice grain quality and test weight
- Strong drought tolerance delivers dependable performance

NEW

RM 90

CHU 2725

NK9044-AA

Agrisure Above

Great Yield Potential Across all Soil Types

- Solid late-season stalks
- Very strong emergence and great seedling vigour
- Semi-determinate ear performs best in medium to high populations

NEW

RM 90

CHU 2725

NK9023-DV

Duracade Viptera

Excellent Yield Potential in High Management Systems

- Excellent emergence with good seedling vigour
- Dependable stalks for season-long standability
- Great yield response to increased plant populations and strong soil fertility

RM 91

CHU 2750

NK9175-DV

Duracade Viptera

Top-end Yield Potential with Broad Adaptation

- Exceptional early disease package with strong emergence and seedling vigour
- Consistent performance and drought tolerance
- Outstanding dual-purpose hybrid

RM 94

CHU 2800

NK9400-V

Viptera

Outstanding Yield Potential and Versatility Across Variable Soils

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

NEW

RM 95

CHU 2850

NK9535-V

Viptera

Proven Yield Performance

- Broad adaptation across yield environments and populations
- Superb stalks for season-long standability
- Performs well under all management levels

CORN

RM 96
CHU 2875

NK9601-AA

Agrisure Above

Excellent Yield Potential on Highly Productive Acres

- Solid agronomics featuring strong stalks and roots
- Excellent test weight and grain quality
- Very good emergence and vigour

NEW

RM 96
CHU 2875

NK9653-DV

Duracade Viptera

Consistent Yield with Solid Agronomics and Grain Quality

- Excellent plant health with strong roots and stalks
- Consistent performance on poorly drained and variable soils
- Broadly adapted hybrid with excellent test weight

RM 99
CHU 2975

NK9991-D

Duracade

High-yielding Product with Strong Agronomics

- Solid disease package for late season plant health
- Excellent choice for medium to high yield environments
- Excellent choice for corn-on-corn rotation

RM 100
CHU 3000

NK0007-AA

Agrisure Above

Excellent Yield Potential with Strong Roots and Stalks

- Outstanding emergence for an early planting option
- Strong performance on medium to heavy soil textures
- Semi-determinate ear type and strong standability support higher populations for maximum yield

RM 101
CHU 3025

NK0123-AA

Agrisure Above

Outstanding Versatility Across Soil Types with Solid Drought Tolerance

- Very strong emergence and great seedling vigour
- Consistently strong stalks and superb roots
- Semi-flex ear with excellent test weight

NEW

RM 102

CHU 3075

NK0243-D

Duracade

Proven Top-end Yield Potential

- Exceptional drought tolerance
- Very strong stalks, roots and staygreen for season-long standability
- Full ear flex provides population flexibility

RM 102

CHU 3100

NK0252-D

Duracade

Exceptional Yield Potential and Tremendous Adaptation Across Soil Types and Management Levels

- Strong choice for first planting with excellent emergence and seedling vigour
- Outstanding roots and dependable stalks for late-season standability
- Delivers dependable performance across variable environments and weather scenarios

NEW

RM 106

CHU 3175

NK0696-D

Duracade

Excels on Variable to Heavy Soil Types

- Solid agronomics for season-long standability
- Excellent vigour for early planting
- Moves well north of zone

RM 108

CHU 3225

NK0880-V

Viptera

Widely Adapted Hybrid Across Soil Types with Very Strong Drought Tolerance

- Dependable emergence with strong seedling vigour for a quick start
- Robust plant type supported by excellent roots
- Proven Tar Spot and Anthracnose Stalk Rot tolerance

NEW

CORN SILAGE

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

as well as enhanced flexibility of use at the end of the season.

yield potential, great neutral detergent fiber (NDF) digestibility,

Silage choice

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 ***NEW***	AA	85	2625	86	85
NK8519	DV	85	2650	86	85
NK9044 ***NEW***	AA	90	2725	90	90
NK9175	DV	91	2750	91	91
NK9400 ***NEW***	V	94	2800	95	95
NK9535	V	95	2850	95	95
NK9601 ***NEW***	AA	96	2875	96	96
NK9653	DV	96	2875	96	95
NK0007	AA	100	3000	99	100
NK0123 ***NEW***	AA	101	3025	100	101
NK0243	D	102	3075	101	102
NK0252 ***NEW***	D	102	3100	100	102
NK0696	D	106	3175	107	107
NK0880 ***NEW***	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
D = Duracade
DV = DuracadeViptera
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

LIBERTY LINK®

Seed products with the LibertyLink® (LL) trait are resistant to the herbicide glufosinate ammonium, an alternative to glyphosate in corn, and combine high-yielding genetics with the powerful, non-selective, 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

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
SEED TREATMENT 1										
Vayantis® Xtra					■	●	●	●	●	●
SEED TREATMENT 2										
Fortenza® Complete	●	●	●	◆	■	●	●	●	●	●

LEGEND

● Control ◆ Suppression ■ Partial suppression

Vayantis® Xtra

[illegible] by offering multiple modes of action. Vayantis Xtra [illegible] germination, water use efficiency, greening, vigour, and [illegible]

Fortenza® Complete

[illegible] and cutworms, and also offers a fungicide solution [illegible] may help improve germination, water use efficiency, [illegible]

For more information, contact your NK Representative, our Customer Interaction Centre at 1-87-SYNGENTA (1-877-964-3682) or visit Syngenta.ca/NK

Corn rootworm management recommendations

Monitoring corn fields for corn rootworm (CRW) beetles can help determine CRW pressure in the subsequent year. Gauge

Is crop rotation an option?

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:

to discuss best options for your fields

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

[illegible]

[illegible] 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.

[illegible]

- If you are concerned with the potential for the western CRW variant that may lay eggs in soybean fields, make sure [illegible] soybeans in areas with western CRW variant consider a single CRW trait, multiple CRW traits, and/or Force 3G.

[illegible] CRW variant consider a single CRW trait, multiple CRW traits, and/or Force 3G.

[illegible]

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
Duracade Viptera

[illegible] provide a five percent integrated E-Z Refuge[illegible]

Force 3G

- Force 3G, when used in combination with hybrids that contain single or multiple [illegible]
- Secondary insects or other agronomic factors may influence the decision to [illegible]

[illegible]

- 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.

SOYBEAN VARIETIES

THE TOP CHOICE FOR YOUR ACRE

And we're not surprised. With consistent yield potential, flexible

Soybean trait index

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

Enlist E3 SOYBEANS

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

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.

STS®

STS® soybeans

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

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.

SCN SOLUTIONS™

SCN resistance

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

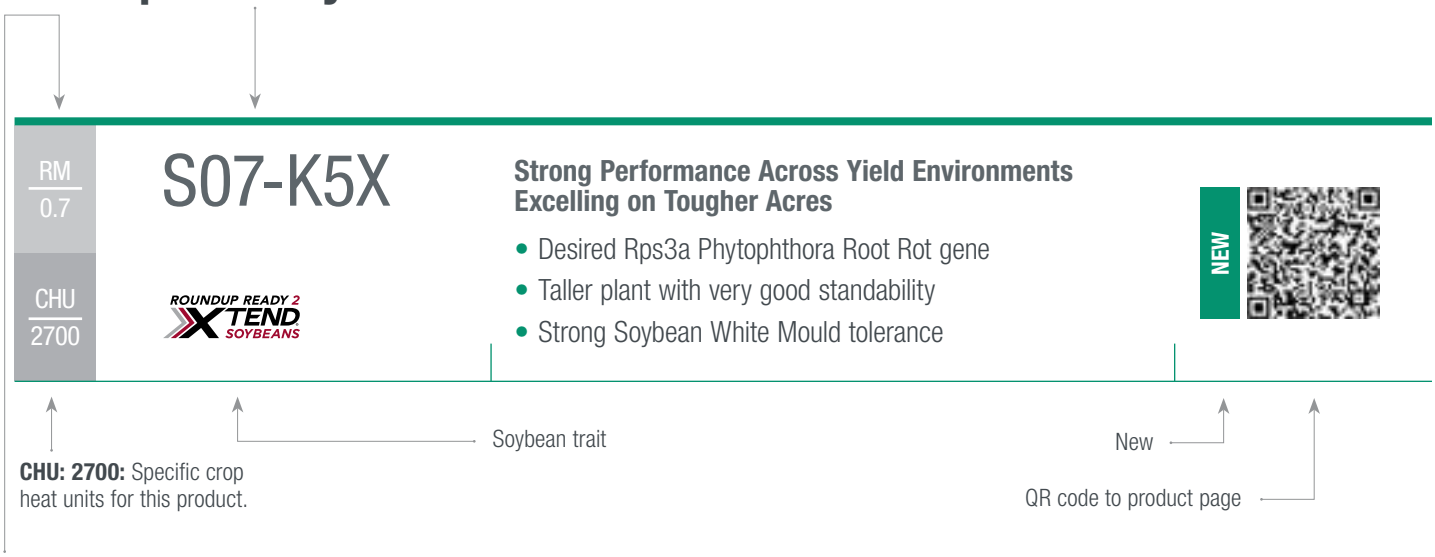
Naming convention

□□□□□ □□

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



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

Agronomic characteristics

PRODUCT	TRAIT	MATURITY		AGRONOMIC/PLANT CHARACTERISTICS						
NK Canada name	Trait stack	Relative maturity	CHU	Emergence	Standability	Plant height	Canopy index	Flower colour	Hilum colour	Seed size
S0007-S1X	ROUNDUP READY 2 XTEND SOYBEANS	0.007	2225	3	4	M	4.29	PUR	IMY	M
S0009-J5X ***NEW***	ROUNDUP READY 2 XTEND SOYBEANS	0.009	2275	2	2	M	4.29	PUR	BR	L
S001-D8X	ROUNDUP READY 2 XTEND SOYBEANS	0.01	2300	3	3	MT	3.96	PUR	IMY	M
S003-R5X	ROUNDUP READY 2 XTEND SOYBEANS	0.03	2325	3	3	MS	3.96	PUR	IMY	M
S007-Z1X	ROUNDUP READY 2 XTEND SOYBEANS	0.07	2400	3	4	MT	6.27	PUR	BR	L
S007-A2XS	ROUNDUP READY 2 XTEND SOYBEANS / STS®	0.07	2425	3	4	MT	5.28	PUR	GR	S
S02-M4XF	XTENDFLEX SOYBEANS	0.2	2550	3	3	MT	5.28	PUR	BL	M
S03-V5E3	Enlist E3 SOYBEANS	0.3	2600	2	3	MS	5.94	PUR	IMB	M
S04-J6X	ROUNDUP READY 2 XTEND SOYBEANS	0.4	2625	3	2	M	4.95	PUR	BL	M
S06-A3XF	XTENDFLEX SOYBEANS	0.6	2675	2	3	M	4.95	PUR	GR	L
S07-K5X	ROUNDUP READY 2 XTEND SOYBEANS	0.7	2700	1	3	M	4.62	PUR	GR	L
S09-B5XF	XTENDFLEX SOYBEANS	0.9	2775	2	3	M	5.28	PUR	GR	M
S09-H7E3	Enlist E3 SOYBEANS	0.9	2775	3	2	MS	5.61	PUR	BF	M
S10-W8XF	XTENDFLEX SOYBEANS	1.0	2800	2	3	M	4.95	PUR	IMY	M
S11-A4E3 ***NEW***	Enlist E3 SOYBEANS	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.

GRAIN QUALITY		DISEASES/PESTS							GENERAL ADAPTATION			
			PHYTOPHTHORA									
Protein rating	Oil rating	SCN resistance source	Gene resistance	Field tolerance	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
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

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

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

SOYBEANS

2025 TRAITED VARIETIES

Agronomic characteristics

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

SOYBEAN CHART KEY

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PROTEIN RATING

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

OIL RATING

Average	=	<22%
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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.

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GRAIN QUALITY		DISEASES/PESTS							GENERAL ADAPTATION			
			PHYTOPHTHORA									
Protein rating	Oil rating	SCN resistance source	Gene resistance	Field tolerance	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
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

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

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

SOYBEANS

RM 0.007
CHU 2225

S0007-S1X

ROUNDUP READY 2 XTEND SOYBEANS

Strong Agronomics with Great Yield Potential

- Rps1c/3a gene stack with very strong Phytophthora field tolerance
- Very good standability with sound SWM tolerance
- Strong performance across yield levels with excellent top-end yield potential

RM 0.009
CHU 2275

S0009-J5X

ROUNDUP READY 2 XTEND SOYBEANS

Solid Agronomics with Broad Adaptation

- Strong Phytophthora field tolerance
- Excellent standability and Soybean White Mould tolerance
- Broad adaptability with optimal performance in high yield environments

NEW

RM 0.01
CHU 2300

S001-D8X

ROUNDUP READY 2 XTEND SOYBEANS

Excellent Yield with a Solid Agronomic Package

- Very good standability and tolerance to Soybean White Mould
- Strong stress tolerance allows performance across a range of soil types
- Performs well across yield environments

RM 0.03
CHU 2325

S003-R5X

ROUNDUP READY 2 XTEND SOYBEANS

Outstanding Yield with Broad-acre Adaptability

- Rps1c with excellent tolerance to Phytophthora Root Rot
- Performs well across all yield environments and soil types
- Excellent standability with very good tolerance to Soybean White Mould

RM 0.07
CHU 2400

S007-Z1X

ROUNDUP READY 2 XTEND SOYBEANS

Outstanding Performance Across Environments with Great Top-end Yield Potential

- Strong emergence and quick canopy closure in a short season maturity
- Great performance to move south of zone as an early harvest option
- Large plant type that performs well across soil types and row widths

SOYBEANS

S007-A2XS

RM 0.07

CHU 2425

ROUNDUP READY 2 XTEND SOYBEANS | STS®

Outstanding Yield with Excellent Stress Tolerance

- Consistent performance across yield environments and soil types
- Good standability with strong performance in all row widths
- Maintains height on tough acres

S02-M4XF

RM 0.2

CHU 2550

XTENDFLEX SOYBEANS | SCN SOLUTIONS

Known Genetics with Broad Adaptation and Soybean Cyst Nematode Resistance

- Strong standability and Soybean White Mould tolerance
- Rps1c gene with very good Phytophthora field tolerance
- Good fit for highly productive and stress acres

S03-V5E3

RM 0.3

CHU 2600

Enlist E3 SOYBEANS | SCN SOLUTIONS

Proven Standability with Strong Yield Potential

- Good stress bean suitable for all yield environments
- Rps1c gene with solid field tolerance to Phytophthora Root Rot
- Good choice for variable soil types

S04-J6X

RM 0.4

CHU 2625

ROUNDUP READY 2 XTEND SOYBEANS | SCN SOLUTIONS

Strong Agronomics with Exceptional Performance Across Yield Levels

- Soybean Cyst Nematode resistance
- Excellent standability for the highly productive acre
- Maintains performance and height on lower yielding acres

S06-A3XF

RM 0.6

CHU 2675

XTENDFLEX SOYBEANS | SCN SOLUTIONS

Impressive Agronomics and Disease Package

- Noticeable speed of emergence improving final stand on tougher soils
- Rps1c/3a gene stack with outstanding Phytophthora Root Rot field tolerance
- Excellent standability and strong Soybean White Mould tolerance

SOYBEANS

S07-K5X

RM 0.7

CHU 2700

ROUNDUP READY 2 XTEND SOYBEANS

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

S09-B5XF

RM 0.9

CHU 2775

XTENDFLEX SOYBEANS | SCN SOLUTIONS

Exciting Disease and Agronomic Package

- Medium plant type with excellent standability
- Rps1c/3a gene stack provides excellent Phytophthora protection
- Strong tolerance to Soybean White Mould

S09-H7E3

RM 0.9

CHU 2775

Enlist E3 SOYBEANS | SCN SOLUTIONS

Yield Stability Across Environments

- Excellent standability with top-end yield potential
- Very strong field tolerance to Phytophthora Root Rot with the Rps1k gene
- Best positioned on mid to high yield acres

S10-W8XF

RM 1.0

CHU 2800

XTENDFLEX SOYBEANS | SCN SOLUTIONS

Solid Agronomics and Impressive Stress Tolerance

- Broad adaptation across soil types
- Rps1c gene and solid field tolerance to Phytophthora Root Rot
- Excellent choice for variable acres maintaining plant height

S11-A4E3

RM 1.1

CHU 2825

Enlist E3 SOYBEANS | SCN SOLUTIONS

Exciting Top-end Yield with Excellent Standability

- Well suited to high yield environments
- Rps1k/3a gene stack with outstanding Phytophthora field tolerance
- Great emergence and good performance in poorly drained soils

NEW

SOYBEANS

RM 1.1
CHU 2825

S11-U2XF

TENDFLEX SOYBEANS | SCN SOLUTIONS

Proven Genetics with a History of Excellent Performance

- Medium-tall plant type with very good standability and tolerance to White Mould
- Rps3a with dependable field tolerance to Phytophthora Root Rot
- Outstanding SDS tolerance

NEW

RM 1.2
CHU 2825

S12-M5X

ROUNDUP READY 2 XTEND SOYBEANS | SCN SOLUTIONS

Outstanding Disease Package with Very Strong Agronomics

- Great performance across yield levels, excelling in high-yield environments
- Excellent Phytophthora field tolerance with desired Rps1k/3a gene stack
- Best performance in and north of zone

RM 1.3
CHU 2825

S13-Y4XF

TENDFLEX SOYBEANS | SCN SOLUTIONS

Trusted Genetics with Impressive Agronomic and Disease Package

- Ease of placement with broad adaptation across soil types
- Rps1c/3a Phytophthora Root Rot gene stack with strong performance in saturated soils
- Excellent standability and Soybean White Mould tolerance

RM 1.4
CHU 2850

S14-C7XF

TENDFLEX SOYBEANS | SCN SOLUTIONS

Consistent Yield with Complete Defensive Package

- Proven genetics that are broadly adapted across soil types
- Excellent standability with strong tolerance to Soybean White Mould
- Strong performance south of zone while holding plant height

RM 1.5
CHU 2850

S15-G9E3S

Enlist E3 SOYBEANS | STS | PEKING | SCN SOLUTIONS

Peking SCN Resistance with Excellent Sudden Death Syndrome Tolerance

- Great standability and Solid Soybean White Mould tolerance
- Rps1k gene with solid Phytophthora Field Tolerance
- Maintains yield performance when moved south of zone

NEW

SOYBEANS

RM 1.6
CHU 2875

S16-K2X

ROUNDUP READY 2 XTEND SOYBEANS | SCN SOLUTIONS

Early Bean for Wheat Planting with Strong Performance on Clay Soils

- Excellent performance across yield environments
- Desired Rps1k/3a Phytophthora gene stack
- Great emergence and standability

RM 1.8
CHU 2925

S18-F1E3S

Enlist E3 SOYBEANS | STS | PEKING | SCN SOLUTIONS

Peking Source of SCN Resistance with Broad Adaptation

- Strong performance at all yield levels
- Very good standability for high-yield environments
- Great choice for fields with a history of Phytophthora

RM 2.0
CHU 3025

S20-L8X

ROUNDUP READY 2 XTEND SOYBEANS | SCN SOLUTIONS

Outstanding Stress Tolerance with High Yield Potential

- Excellent Sudden Death Syndrome and Soybean White Mould tolerance
- Fast emergence under tough soil conditions
- Excels in lower yielding environments

RM 2.2
CHU 3075

S22-A2E3

Enlist E3 SOYBEANS | SCN SOLUTIONS

Strong Performance Across Yield Environments with Exciting Disease Package

- Excellent standability with very good Soybean White Mould tolerance
- Strong Sudden Death Syndrome tolerance
- Excellent Phytophthora field tolerance

RM 2.5
CHU 3175

S25-K4XF

XTENDFLEX SOYBEANS | SCN SOLUTIONS

Strong Performance Across Variable Acres

- Outstanding Sudden Death Syndrome tolerance
- Sound Phytophthora field tolerance
- Excellent standability for highly productive acres

NEW

RM 2.6

CHU 3175

S26-E3

Enlist E3 SOYBEANS

PEKING | SCN SOLUTIONS

Top-end Yield Potential with Unique Peking Source of Soybean Cyst Nematode Resistance

- Strong Sudden Death Syndrome tolerance
- Great standability for the highly productive acre
- Best performance in mid- to high-yield environments

RM 2.9

CHU 3250

S29-R5X

ROUNDUP READY 2 XTEND SOYBEANS

PEKING | SCN SOLUTIONS

Suitable for 2.7 to 3.1 Maturity with Peking Source of SCN Resistance

- Excellent speed of emergence and larger plant type for early season establishment
- Outstanding Phytophthora Root Rot field tolerance with Rps1k genetic resistance
- Very strong performance across soil types while maintaining plant height

RM 2.9

CHU 3275

S29-N5E3

Enlist E3 SOYBEANS | SCN SOLUTIONS

Excellent Standability and Yield Potential for Highly Productive Acres

- Consistent performance across yield levels
- Rps1c/3a gene stack for Phytophthora Root Rot protection
- Strong Sudden Death Syndrome tolerance

NEW

RM 3.2

CHU 3325

S32-J5XF

XTENDFLEX SOYBEANS | SCN SOLUTIONS

Broad Adaptation with Strong Agronomics

- Outstanding Sudden Death Syndrome tolerance
- Excellent standability with top-end yield potential
- Very good performance across soil types

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:

- [illegible]
- [illegible]
- Planting soybeans later in the season (after June 15th).

Decrease population by 10–20% under recommendations if:

- [illegible]

Row width considerations:

- [illegible]

Genetics x Environment x Management = High-yielding soybeans

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

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

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.

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

In fields with white mould history and

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

Pod and stem blight

- Small black raised dots (pycnidia)
- pod fill favours disease development.

[illegible]

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

Sudden death syndrome (SDS)

- cyst nematode (SCN), as [illegible]

[illegible]

- [illegible] (see page 43)

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

Brown stem rot (BSR)

begin to fill (R3-R4).

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		

Phytophthora root rot (PRR) field tolerance

Genetic selection against PRR should

field tolerance.

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

SYNGENTA SOYBEAN SEEDCARE™

Protect your investment

NK is offering a choice of two soybean Seedcare packages.

	DISEASES CONTROLLED CAUSED BY					PESTS						
	Fusarium	Rhizoctonia	Pythium	Phomopsis	*Phytophthora megasperma* var. *sojae*	Bean leaf beetle	Black cutworm	European chafer	June beetle	Seed corn maggot	Wireworm	
PACKAGE 1												
Vayantis® IV RFC	●	●	●	●	●							ROOTING POWER
PACKAGE 2												
Fortenza®						●[1]	●	●	●	●	●	
Vayantis® IV RFC	●	●	●	●	●							ROOTING POWER

LEGEND

● Control

[1] Use for early season feeding damage from bean leaf beetle.

Vayantis® IV RFC

Fortenza®

is a Group 28 insecticide seed treatment that provides control of seed corn maggot, wireworm, European chafer and June beetle. Even under

Atuva™ Bold

[illegible] 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, [illegible] fungicide seed treatment sets the new standard in efficacy against SDS [illegible] so they can prevent SDS confidently and protect their profit potential.

10 days after planting

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

Enlist E3™ SOYBEANS

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

Enlist Duo™ with COLEX-D™ technology HERBICIDE

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.

Enlist™ 1 with COLEX-D™ technology HERBICIDE

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 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

Enlist™ herbicides - no plant-back restriction

PLANT ENLIST E3™ SOYBEANS

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 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

SEED MANAGEMENT

[illegible]

Seed Applied Insecticides (SAIs) represent one of the most [illegible] offering growers a targeted, environmentally sustainable [illegible] and minimize off-target drift, reducing the impact on non- [illegible] [illegible] Xtra.

[illegible]

[illegible] corn and soybean seed and to further efforts on other bee [illegible]

[illegible] maximize the benefits of seed treatments and protect bees [illegible]

[illegible]

[illegible]

Syngenta Stewardship

[illegible] advancements. We offer innovative tools and products, [illegible]

[illegible]

[illegible]

[illegible]

[illegible] seed guide along with the genetics offered. The Syngenta [illegible]

[illegible]

[illegible] you are reaffirming your obligation to comply with those [illegible]

STEWARDSHIP

[illegible]

[illegible]

[illegible]
using a bag of seed, you are reaffirming your obligation to comply with those [illegible]

To view recommended planting layouts, maps and configurations, please visit the Canadian Corn Pest Coalition at cornpest.ca or request a Grower's Handbook [illegible]

[illegible]

[illegible]

[illegible]
Inspection Agency (CFIA). It is also a strategy endorsed [illegible]

[illegible]

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

[illegible]

[illegible]

[illegible]

[illegible]

- [illegible]Affect grower access to Corn traited products

[illegible]

Proper observation of your fields, as well as other [illegible] in increasing the longevity of insect traits in the field. In order to first determine potential pest impact, a [illegible] year, and the rotation of the crop (to consider pest overwintering habitats).

[illegible] pressure in your field, then scout the Syngenta hybrids to [illegible] note their effectiveness and look for signs of damage that [illegible] field investigation. [illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

CONTACT

Have questions?

[illegible]

[illegible]

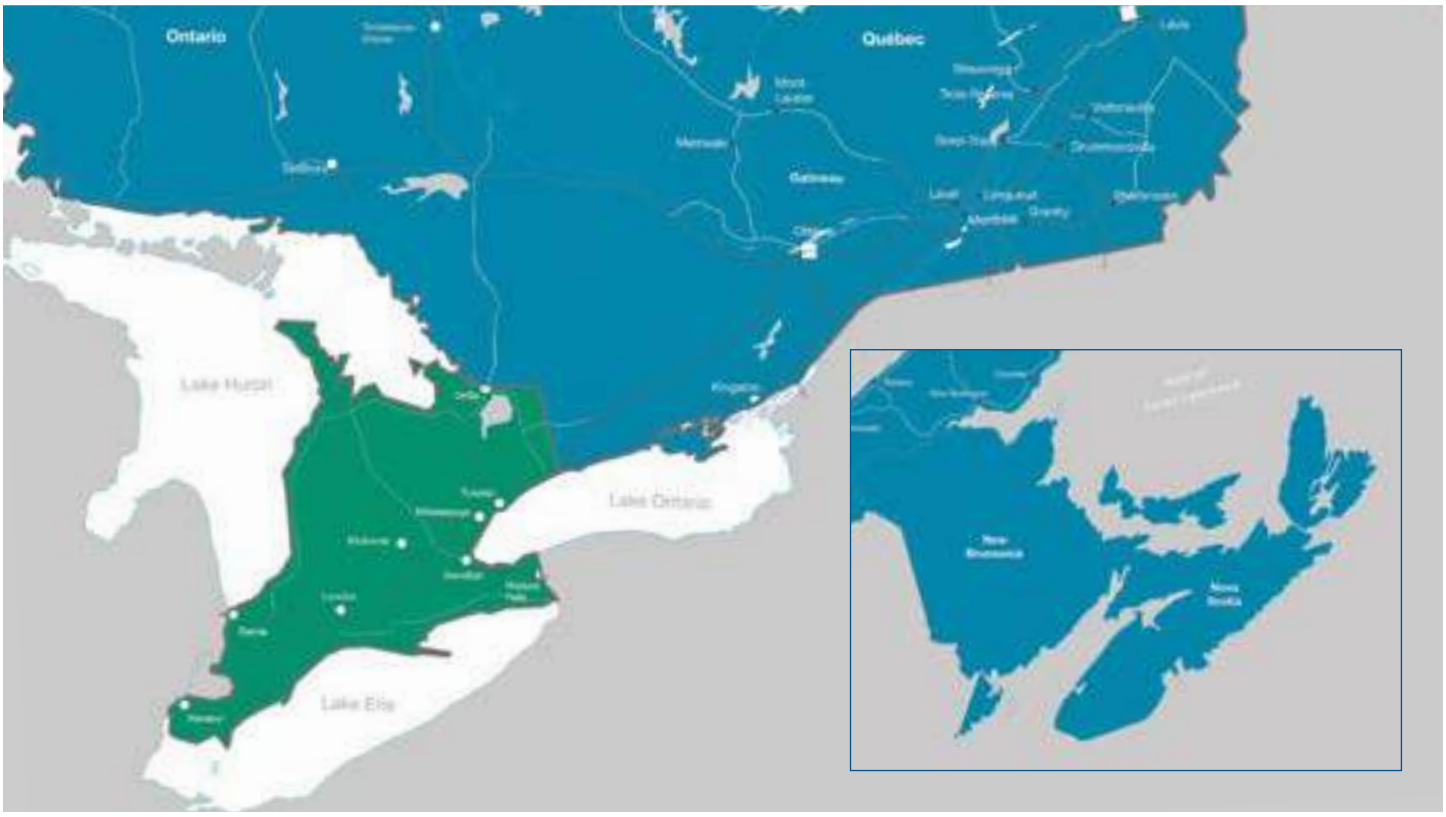
[illegible] [illegible]

Website

[illegible]

[illegible]
1-87-SYNGENTA (1-877-964-3682)

[illegible] [illegible]



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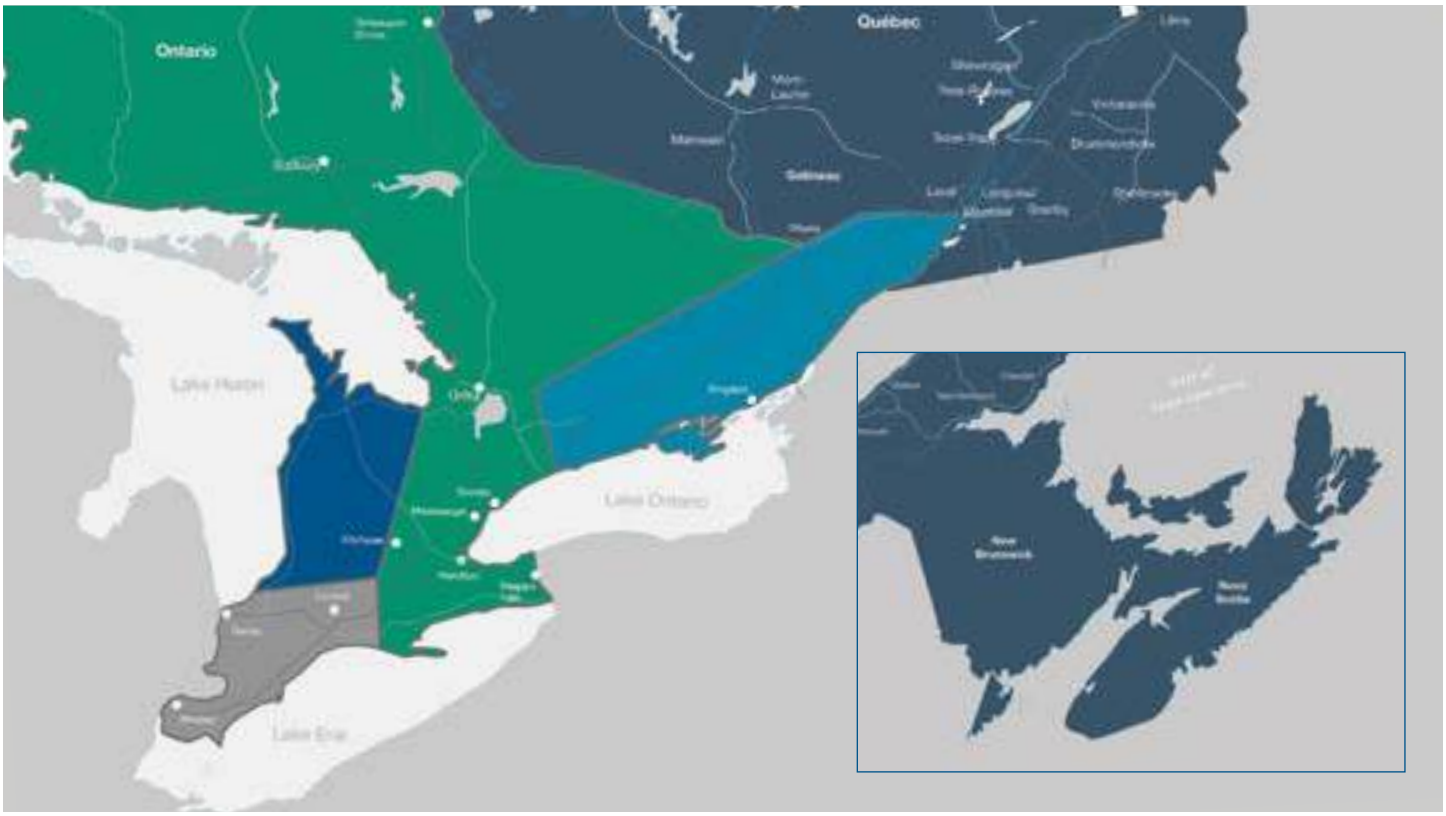
Ontario
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Lake Huron
Lake Ontario
Lake Erie
New Brunswick

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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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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.

FARM PLANNING

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