maizex®

True PERFORMANCE

2023 Production Guide
Eastern Canada

did you KNOW?

- Maizex Seeds is a joint venture business formed between Dave and Brenda Baute, founders of Maizex Seeds and farmers in the Jeannette's Creek area of Ontario, and Sollio Agriculture, a division of Sollio Cooperative Group; one of the largest and most successful farmer-owned cooperatives in the country.

- Sollio Cooperative Group is celebrating its centennial anniversary this year. The business was formed through the merger of three cooperatives in Quebec under the name Coopérative fédérée in October of 2022. Sollio Cooperative Group operates three divisions: Sollio Agriculture; Olymel (food division) and BMR (retail division with a network of hardware stores). Through Sollio Agriculture in particular, the business is celebrating 100 years of putting farm families first!

True PERFORMANCE

FOR YOUR FIELD, YOUR FARM.

Welcome to Maizex Seeds: A Canadian farmer-owned business with a dedicated team focused on positioning premier genetics to meet the field-by-field needs of corn and soybean farmers across the country. While our company is national in scope, the products we offer were developed with your local needs top of mind.

Our Canadian Farm Roots Make A Difference

Our heritage, future, and sole focus as a business, is serving Canadian farmers. This is demonstrated by our investment in the future of agriculture in this country. We are actively investing in product performance, developing, and testing new-age genetics that combine yield potential with the best in trait and seed treatment technologies. Our ongoing commitment to agronomy research is aimed at providing answers to the questions you have as you strive to increase your yield and profitability.

Our theme of True Performance represents the culmination of our research and agronomy efforts as we provide top products for your field, your farm. In both our own and industry trials, Maizex products continue to set benchmark levels for performance.

For more information on how Maizex Seeds is investing in the future of seed technology for your farm, ask your local Maizex Seeds dealer or visit our website at maizex.com.

Your Success is Our Success

As in any good partnership, our team believes the only way we can be successful as a business is to ensure the success of our customers. To support your success, we continue to invest in four key areas of our business: product innovation, seed production innovation, agronomy research, and our Maizex team itself.

Performance-Focused Product Innovation

Maizex accesses genetics through a pool of modern germplasm from partners around the globe. The result is genetic diversity that leads to yield progress here in Canada. We match these genetics with tested true traits and seed-based technologies to meet your local needs.

Performance-Driven Production Innovation

A focus on producing quality seed was a founding principle at Maizex Seeds. Seed quality is monitored from planting, through processing, to shipment to your farm. Our production and processing techniques are aimed at minimizing seed handling to deliver best-in-class seed quality.

Our focus is similar in soybeans, where we partner with professional seeds people across the country to deliver top-yielding genetics and premier seed quality for your farm.

did you KNOW?

- Maizex plants 30,000 corn plots and over 20,000 soybean plots annually in maturity ranges and regions across the country to test new and existing genetics. This helps us determine the best corn hybrids and soybean varieties to bring to the market.

- Our focus on testing does not stop with base yield. We spend a great deal of time evaluating agronomic characteristics, including disease tolerance. Our goal is to introduce new products only if they perform a step above the products already in our portfolio.

Performance-Driven Agronomy Research

To take full advantage of your investment in Maizex Seeds products, we actively invest in agronomic research. On an annual basis, Maizex conducts extensive research in genetic, nutrient, intensive management, and seed treatment areas, with the goal of increasing your yield potential in grain corn, silage corn, and soybeans. This includes:

Product-Specific Research	Corn	Soybeans
Grain yield	✓	✓
Variety agronomic features (plant height, emergence, vigour, test weight, etc.)	✓	✓
Population response	✓	✓
Fungicide application response	✓	✓
Nitrogen response	✓	✓
Soil type	✓	✓
Disease ratings	✓	✓
Silage yield and quality ratings	✓	✓

Additional General Agronomy Research

- Nitrogen application timing
- Macro- and micro-nutrient response and timing
- Seed treatment testing
- Foliar fungicide response
- Tillage response
- Planting depth
- Precision farming systems
- Biological research

Performance-Driven Team

Our team at Maizex is driven to provide the best performance possible for your farm. From product research to production and processing, to our field team positioning our products for success, Maizex staff are focused on ensuring our products and product quality provide you with a yield and performance advantage. In fact, we meet on a regular basis to ensure continual improvement and to discuss how best to position our products for success in agronomy plans that can vary from farm to farm. From our senior management team to our sales, research, agronomy and production teams, we are available to discuss your needs further as you strive to improve the productivity of your farm.

In addition to this product guide, Maizex provides additional information on our products and agronomy research that can be found at maizex.com or by speaking with your local Maizex Seeds dealer.

did you KNOW?

- Every year, we summarize our agronomy research and publish an annual report that includes trial objectives, our insights, and conclusions. To request a copy of our Agronomy Research Summary, email info@maizex.com.

- Yield and quality trials represent a significant portion of our commercial product research. This includes both small plot and field scale trials, aimed at providing multiple data points in like-maturity areas to aid in decision making. Visit maizex.com for regional trial results in your area. To maintain our commitment to serving your needs better, our research, sales, agronomy, and production teams meet on a regular basis to review our processes and results. This allows us to identify areas for improvement and develop recommendations to ensure a high-quality product and user experience.

TRUE PERFORMANCE

maizex® Corn Hybrids

Maizex focuses product development in seed corn in two primary areas: (1) grain corn and (2) Ration MZ silage corn.

MZ Hybrids

Grain corn

Maizex grain corn hybrids are proven performers in maturities across Canada, combining outstanding yield potential and agronomic performance. To provide flexibility to meet your needs, we offer a full range of options from conventional to multiple trait modes of action to protect and enhance your yield potential.

To provide additional hybrid insight, our grain corn research includes field variability and intensive management studies to help determine how best to place Maizex hybrids in your fields, based on your soil, management system, and yield goals.

Ration MZ

Silage Corn for Higher Milk and Meat Yields

Maizex is a leader in silage corn, offering diverse hybrid technologies to meet the specific needs of your ration. This includes a full portfolio of Maizex ***EnergyPlus*** dual-purpose hybrids to drive energy and feed efficiency, and ***FeastPlus*** Maizex silage-specific hybrids for enhanced feed palatability, digestibility, and full-acre tonnage.

Maizex Corn Trait Technologies

Maizex delivers traits to meet the needs of our customers based on weed and insect spectrums experienced in regions across Canada.

Traits	Features	Positioning
SmartStax® RIB COMPLETE	Most advanced hybrid stack on the market today with above- and below-ground insect protection.	First choice for yield performance, especially on corn-on-corn acres.*
Trecepta® RIB COMPLETE CORN	Broad-spectrum above-ground insect control, including Western Bean Cutworm. Now approved for importation into the EU. No grain channeling required.	Rotated ground with high risk of Western Bean Cutworm activity.
VT DoublePRO® RIB COMPLETE	Dual modes of action for above-ground insects.	Rotated ground and second-year corn as part of an integrated rootworm strategy.
Duracade™	Outstanding rootworm control based on unique protein-binding action in the rootworm gut.	Excellent choice for yield performance and corn rootworm control, including corn-on-corn situations.*
Roundup Ready® 2 CORN	Combines yield with Roundup Ready® weed control flexibility.	Rotated ground with no insect pressure.
AgrisureGT	Combines yield with glyphosate tolerance.	Rotated ground with no insect pressure.
CONV	Selected for yield potential and natural plant health.	Ideal for non-GMO opportunities.

*Talk to your Maizex Seeds dealer about resistance-management strategies for corn rootworm traits.

Maizex *EnergyPlus*
Dual-Purpose Silage Corn

MZ/MS Hybrids

Provides greater flexibility for your ration. Targets higher plant populations for increased yield benefits. Features include:

- Increased harvest flexibility for silage, high moisture, or grain corn.
- Potential for higher total starch content and more energy-dense ration when compared to our *FeastPlus* hybrids.
- Stronger stalks that improve standability for harvest.
- A focus on selecting tall and robust hybrids that have high grain yield and are 100–200 CHU longer in maturity than normal grain hybrids for the area.
- Approximately 50% of the dry matter in silage comes from the grain content.

Maizex *FeastPlus*
Silage-Specific Leafy Hybrids

LF/LFG/MS Hybrids

Provides high-end silage yields with maximum starch availability. Plant at medium to lower populations according to hybrid-specific recommendations. Features include:

- Extra leaves above the ear to add tonnage and sugar content for better fermentation in the silo.
- The stalk above the ear is more flexible and digestible. Silage-focused leafy hybrids have a lower ear position and more plant above the ear to improve fibre digestibility.
- Slower grain and plant dry-down for a wider harvest window to boost feed security and quality.
- Leafy-floury hybrids combine effective fibre with highly available starch.

	PROTECTION AGAINST							
	Corn Borer	Corn Earworm	Cutworm	Armyworm	Corn Rootworm	Western Bean Cutworm	Herbicide Tolerances	Refuge
	✓	✓	✓	✓	✓		Roundup Ready® LibertyLink®	5% RIB
	✓	✓	✓	✓		✓	Roundup® Ready	5% RIB
	✓	✓	✓	✓			Roundup® Ready	5% RIB
	✓	✓	✓		✓		Glyphosate Tolerant	5% E-Z Refuge®
							Roundup® Ready	
							Glyphosate Tolerant	

did you KNOW?

- We produce and process our seed corn in Southwestern Ontario in one of the premier seed corn production areas anywhere in the world. The climate in this area is moderated by the Great Lakes, providing stable temperature and moisture patterns. In hybrid seed corn, the male inbred line is only used as a pollen source. Maizex typically uses a 4 and 1 planting pattern, meaning 1 row of male corn planted between 4 rows of female. The female plant is detasseled, meaning mechanical and/or human removal of the tassel from the plant so the male plant is the sole source for pollination. The male rows are destroyed after pollination and long before seed harvest, leaving the female plant as our seed source.

- Seed quality starts with our seed field location and isolation strategy. Seed fields in preferred production areas need to be planted a minimum of 660' (165m) away from grain corn, sweet corn or seed corn fields planted to different inbred lines. This planned isolation reduces the risk of cross-pollination from unwanted sources to produce a consistent, homogenous seed source. Isolation planning requires our seed growers to be in constant contact with their neighbours through the winter to ensure crop rotations match at planting.

Maizex Corn Seed Treatment Options

For most producers, seed treatments are a critical tool in ensuring early-season seedling survival and growth. At Maizex we recognize that your seed treatment needs depend on the presence of insect and disease pests above threshold levels field-by-field on your farm. To provide the flexibility necessary to meet your needs, the following treatment options are available on all Maizex seed corn hybrids:

		SEED TREATMENT OPTIONS		
Corn Seed Treatment Products	**Description**	Insecticide & Fungicide	Fungicide Only	Untreated
Fortenza®	Diamide insecticide with broad-spectrum insect control.	✓		
Maxim® Quattro	Broad-spectrum disease control including *Pythium* and *Fusarium*.	✓	✓	
Lumiante™ FUNGICIDE SEED TREATMENT	Additional excellent control of *Pythium* species for plant health and yield potential.	✓	✓	
Stamina® Corn Fungicide Seed Treatment	Enhances plant health, disease control, and cold tolerance.	✓	✓	

SeedRight

Mother Nature rarely produces the exact same seed size year in and year out in a seed corn crop. With the investment made today in precision planting systems, Maizex understands the need to fine-tune planters to deliver the best singulation and uniformity possible. With Maizex SeedRight, we test your hybrids and seed sizes to recommend air pressure or brush settings to achieve the best singulation for the seed grade you are planting.

Grain Corn Hybrids

CHU 2050-2300

Hybrid	CHU	RM	CHU to 50% Silk	Silking RM	Characteristics	Companions
VT DoublePRO RIB	MZ 1200DBR	2050	72	1277	73	› One of the earliest VT2P in Canada › Excellent seedling vigour for early stand establishment › Strong test weight and grain quality	O = MZ 1340DBR D = E44H12 R
VT DoublePRO RIB	E44H12 R	2100	74	1302	74	› Excellent grain quality and test weight › Excellent stalks and roots › Stable across environments	O = MZ 1340DBR D = MZ 1200DBR
VT DoublePRO RIB	MZ 1340DBR	2150	73	1250	73	› Ultra-early flowering › Excellent grain quality and test weight › Open husk aids grain drydown	O = MZ 1544DBR D = MZ 1688DBR
CONV	MZ 154	2250	75	1301	75	› Rapid grain drydown › Strong stalks facilitate harvest ease › Strong disease package	D = E50K45
VT DoublePRO RIB	MZ 1544DBR	2250	75	1301	75	› Excellent disease package promotes yield › Strong agronomics for harvest ease › Versatile placement north and south of zone	O = E49K32 R D = MZ 1688DBR
VT DoublePRO RIB	MZ 1688DBR	2300	76	1323	77	› Rapid grain drydown › Industry-leading plant health › Extended stay-green for added yield	O = E49K32 R D = MZ 1544DBR

did you KNOW?

- Maizex seed corn hybrids are tested for multiple years in small plot and strip trials before being sold to our customers. This testing confirms plant characteristics, behaviour in different soil types, and yield potential in different environments. For instance, a 2900 CHU hybrid would be tested at multiple locations across Ontario and Quebec, while a 2300 CHU hybrid might be tested at multiple locations across Alberta, Manitoba, Quebec, and the Maritimes.

Nomenclature

MZ/LF/MS/LFG Prefix Hybrids

MATURITY* — TRAIT

AA 1234AAA

MZ* = MAIZEX Grain Hybrid
LF, MS = MAIZEX Silage Hybrid
LFG = MAIZEX Silage Hybrid with Floury Gene

*Add 60 to the first two numbers for days to maturity.

E Prefix Hybrids

MATURITY* — TRAIT

E 50P52R

*Add 30 to the first two numbers for days to maturity.

Positioning	Management: Response to Intensive Management Score (0-10)	Management: Geography	Management: Final Seeding Population	Plant Characteristics: Seedling Vigour	Plant Characteristics: Plant Height	Plant Characteristics: # Kernel Rows	Plant Characteristics: Stalk Strength	Plant Characteristics: Plant Health	Plant Characteristics: Grain Drydown	Plant Characteristics: Test Weight	Plant Disease Characteristics: NCLB	Plant Disease Characteristics: ANTH
› Responds to increased population › Ideal for dual-purpose option	4	Moves north of zone	32-34	9	M	12-14	8	8	9	9	8	7
› Below-average response to increased population › Average response to intensive management › Excellent dual-purpose option	5	Moves north of zone	34-36	9	M	14-16	9	8	8	9	8	7
› Above-average response to increased population › Above-average response to intensive management › Position for timely harvest	7	Moves north of zone	34-36	9	M-S	12-14	7	8	8	9	6	7
› Below-average response to intensive management › Excellent stability across environments	2	Moves north and south of zone	32-34	8	M-S	14-16	9	9	8	8	8	7
› Below-average response to intensive management › Excellent stability across environments	2	Moves north and south of zone	32-34	8	M-S	14-16	9	9	8	8	8	7
› Average response to fungicide › Above-average response to population › Excellent dual-purpose option	5	Moves north and south of zone	34-36	9	T	16-18	9	9	8	8	8	7

SMX or LR

SmartStax® RIB Complete® Corn with 5% refuge in the bag. Corn Rootworm, Corn Earworm and European Corn Borer resistant, Black Cutworm suppression; glyphosate and glufosinate tolerant.

DBR or E hybrid ending in 2R

VT Double PRO® RIB Complete® Corn with 5% refuge in the bag. European Corn Borer and Corn Earworm resistant; glyphosate tolerant.

TRE hybrid

Trecepta® hybrid with 5% refuge in the bag to control Western Bean Cutworm, Corn Borer, and Corn Earworm; glyphosate tolerant.

E hybrid ending in 7R

Glyphosate tolerant.

DUR

Two modes of action for season-long corn rootworm and corn borer control.

Characteristics Legend

Here is how to read our ratings. We rate from 1-9: 1 = Very Poor, **9** = Excellent

Plant Height: S = Short, **M** = Medium, **T** = Tall

Plant Disease Characteristics: 1 = Poor, **9** = Excellent

UR = Unrated

Response to Intensive Management:
Intensive Management implies additional plant population (i.e. + 5,000 PPA), nitrogen (i.e. + 50 lbs N/acre) and with fungicide applications at VT (Tassel Stage); this was generally compared to a Standard Management package that had inputs in the range of 30 - 32,000 plants per acre, 135-170 lbs of N/acre and no foliar fungicide applications.

Response to Intensive Management: UR = Unrated **0** = No Response **10** = Very Large Response

Geography:
Provides positioning if moving from stated maturity range.
North of zone denotes moving to earlier maturity area so has characteristics such as early flowering.
South of zone denotes moving to later maturity area with characteristics such as good standability if pushed later.

Final Seeding Population: Population in '000 ppa that is the ideal target for this hybrid.
Where conditions are less favourable, move to the lower range of the population recommendations.

Disease Ratings: NCLB - Rating for Northern Corn Leaf Blight **ANTH** - Rating for Anthracnose

Companions: O = companion hybrid with offensive traits **D** = companion hybrid with defensive traits

Grain Corn Hybrids

CHU 2300-2600

Hybrid	CHU	RM	CHU to 50% Silk	Silking RM	Characteristics	Companions
E49K32 R	2300	79	1335	78	› Impressive late-season plant health › Industry-leading yield › Strong agronomics	O = MZ 1688DBR D = E52V92 R
NEW MZ 2266DBR	2450	82	1353	79	› Strong agronomics with top-end yield › Early flowering hybrid with open husks aiding drydown › Excellent grain quality with high test weight	O = E49K32R D = E52V92 R
E52V92 R	2450	82	1374	80	› Excellent grain quality and test weight › Outstanding agronomics › Early flowering	O = E49K32 R O = E53G52 R
E52V97 R	2450	82	1374	80	› Excellent grain quality and test weight › Outstanding agronomics › Early flowering	O = E49K32 R O = E53G52 R
E53G52 R	2550	83	1486	85	› Top-end yield potential › Consistent performance across environments › Superior standability	O = E49K32R D = MZ 2452DUR
MZ 248X	2550	84	1515	86	› Reliable performance › Impressive stalk strength › High kernel mass	O = MZ 305X
MZ 2452DUR	2550	84	1470	84	› Blocky ears with great grain quality › Position on corn-after-corn fields › Impressive seedling vigour for stand establishment	O = MZ 2699DBR D = E52V92 R
E55T37 R	2600	85	1450	84	› Aggressive seedling vigour for a quick start › Open husks promote rapid drydown › Excellent standability	O = MZ 2699DBR D = E56B22 R
MZ 269	2600	86	1515	85	› Early flowering promotes movement north of zone › Excels in variable-yield environments › Impressive vigour for rapid stand establishment	O = MZ 248X D = MZ 342X

	Management			Plant Characteristics							Plant Disease Characteristics	
Positioning	Response to Intensive Management Score (0-10)	Geography	Final Seeding Population	Seedling Vigour	Plant Height	# Kernel Rows	Stalk Strength	Plant Health	Grain Drydown	Test Weight	NCLB	ANTH
› Moderate response to population › Favourable response to fungicide and additional nitrogen › Excels in high-yield environments	8	Moves south of zone	32-34	8	M	16-18	9	8	8	8	8	UR
› Responds to increased population	UR	Moves north of zone	34-36	9	M	14-16	8	8	8	9	UR	UR
› Above-average response to population › Excels in variable soils › Excellent dual-purpose option	7	Moves north of zone	34-36	8	T	14-16	9	8	8	9	8	6
› Above-average response to population › Excels in variable soils › Excellent dual-purpose option	7	Moves north of zone	32-36	8	T	14-16	9	8	8	9	8	6
› Average response to intensive management › Excels in high-yield environments › Ideal for delayed harvest	5	Moves south of zone	32-34	9	M-T	16-18	9	8	9	9	9	UR
› Favourable response to fungicide › Less response to increased population › Ideal for delayed harvest	6	Moves south of zone	30-32	8	T	16-18	9	8	8	7	7	7
› Above-average response to intensive management › Position for early harvest › Excels in variable-yield environments	7	Moves north of zone	32-34	9	M-T	18-20	8	8	9	8	8	7
› Favourable response to intensive management › Moderate response to fungicide › Excels in high-yield environments	8	Moves south of zone	32-34	9	T	16-18	9	8	9	9	9	UR
› Excels in variable-yield environments › Above-average response to population and management	6	Moves north and south of zone	32-34	9	M-T	18-20	9	8	8	8	7	7

Grain Corn Hybrids

CHU 2600-2775

Hybrid	CHU	RM	CHU to 50% Silk	Silking RM	Characteristics	Companions
MZ 2699DBR	2600	86	1515	85	› Leading yield potential › Exceptional stress tolerance › Impressive vigour for rapid stand establishment	O = MZ 2982DBR D = MZ 2452DUR
NEW MZ 2711DBR	2650	87	1530	86	› Stable performance across yield environments › Strong stalks and roots › Open husk aids grain drydown	O = MZ 2982DBR D = MZ 2699DBR
MZ 2812SMX	2700	88	1589	90	› Strong stalks and roots › Impressive plant health › Responds to intensive management	O = MZ 2982DBR D = E63G62 R
MZ 2982DBR	2700	89	1552	89	› Powerful seedling vigour for tough conditions › Leading top-end yields › Rapid grain drydown	O = MZ 3117DBR D = MZ 2699DBR
MZ 305X	2700	90	1534	89	› Impressive girthy ear with deep kernels › Excellent stay-green › Outstanding seedling vigour	O = MZ 248X D = MZ 342X
MZ 3120SMX	2750	91	1610	93	› Powerful seedling vigour for tough conditions › Top corn-on-corn performance › Rapid grain drydown	O = MZ 3117DBR D = MZ 3314SMX
MZ 3117DBR	2750	91	1575	92	› Hybrid with top-end yield › Strong stalks for flexible harvest › Uniform ear size down the row	O = E65G82 R D = E63G62 R
NEW MZ 314	2750	91	1575	92	› Top-end yield potential › Allows flexible harvest timing › Consistent ear size across plants	O = MZ 369 D = 342X
E63G62 R	2750	92	1573	92	› Consistent-yielding corn › Exceptional grain quality with high test weight › Impressive late-season plant health	O = MZ 3117DBR D = MZ 3314SMX
E63D17 R	2775	93	1620	94	› Solid agronomics for flexible harvest › Durable disease tolerance › Defensive performance	O = E65G82 R D = E63G62 R

	Management			Plant Characteristics							Plant Disease Characteristics	
Positioning	Response to Intensive Management Score (0-10)	Geography	Final Seeding Population	Seedling Vigour	Plant Height	# Kernel Rows	Stalk Strength	Plant Health	Grain Drydown	Test Weight	NCLB	ANTH
› Excels in variable-yield environments › Above-average response to population and management	6	Moves north and south of zone	34-36	9	M-T	18-20	9	8	8	8	7	7
› Average response to population › Above-average response to fungicide and intensive management	7	Moves north and south of zone	32-34	8	M	16-18	9	8	9	8	8	7
› Less likely to respond to fungicides › Excels in high-yield environments › Ideal for late harvest › Excellent in corn-on-corn management	8	Moves north and south of zone	34-36	8	M-T	16-18	9	9	9	9	8	8
› Excels in high-yield environments › Average yield response to fungicide but improves late-season intactness	7	Moves south of zone	30-32	9	S-M	18-20	8	8	9	8	7	6
› Favourable response to fungicide › Less response to increased population	5	Moves north of zone	30-32	9	M	18-20	7	8	8	8	8	UR
› Excels in high-yield environments › Average yield response to fungicide but improves late-season intactness	7	Moves south of zone	32-34	9	M	18-20	8	8	9	8	7	6
› Average response to fungicide alone › Above-average response to intensive management › Excels in moderate- to high-yield environments	6	Moves south of zone	32-34	9	M	18-20	9	9	9	8	8	7
› Allows for a flexible harvest	UR	Moves north of zone	32-34	9	T	16-18	9	9	8	7	7	UR
› Above-average response to intensive management › Excels in variable-yield environments › Allows for a flexible harvest	6	Moves north and south of zone	34-36	9	M	14-16	9	9	8	9	8	7
› Excels in variable-yield environments › Allows for flexible harvest	UR	Moves south of zone	34-36	9	T	16-18	9	8	9	9	7	-

Grain Corn Hybrids

CHU 2775-2925

Hybrid	CHU	RM	CHU to 50% Silk	Silking RM	Characteristics	Companions
SmartStax RIB COMPLETE RIB	MZ 3397SMX	2775	93	1622	94	› Proven multi-year stability › Excellent stress tolerance › Allows for a flexible harvest	O = E65G82 R D = MZ 3314SMX
SmartStax RIB COMPLETE RIB	*NEW* MZ 3314SMX	2775	93	1622	94	› Impressive stay-green and plant health › Compact plants with strong stalks › Broadly adapted for flexible positioning	O = MZ 3117DBR D = MZ 3397SMX
CONV	MZ 342X	2800	94	1620	94	› Consistent performance › Exceptional plant health › Industry-leading stalk strength	O = MZ 314 D = MZ 369
VTDoublePRO RIB COMPLETE RIB	E65G82 R	2800	94	1601	93	› Industry-leading yield › Early flowering allows northern adaptation › Exceptional grain drydown	O = MZ 3505DBR D = MZ 3397SMX
VTDoublePRO RIB COMPLETE RIB	*NEW* MZ 3505DBR	2850	95	1632	96	› Excellent late-season plant health › Open husks aid grain drydown › Next-level yield potential	O = MZ 3117DBR D = E63G62 R
CONV	MZ 369	2875	96	1632	96	› Strong agronomics with top-end yield › Exceptional stalk strength for flexible harvest › Excellent disease tolerance	O = MZ 314 D = MZ 342X
VTDoublePRO RIB COMPLETE RIB	MZ 3690DBR	2875	96	1632	96	› Strong agronomics with top-end yield › Excellent disease tolerance › Impressive fall intactness	O = MZ 3505DBR D = MZ 3818DBR
VTDoublePRO RIB COMPLETE RIB	E66K42 R	2900	98	1719	100	› High-yielding corn › Excellent performance across all environments › Excellent grain quality	O = MZ 3690DBR D = MZ 3818DBR
CONV	E67H95	2900	98	1649	97	› Outstanding performance for conventional hybrid › Excellent stalk strength for a flexible harvest › Rapid grain drydown	O = MZ 397 D = MZ 342X
VTDoublePRO RIB COMPLETE RIB	E67H92 R	2925	98	1649	97	› Solid stress tolerance on tough soils › Excellent stalk strength for a flexible harvest › Rapid grain drydown	O = MZ 3930DBR D = MZ 3818DBR

ALSO AVAILABLE:

E61C35 (RM 91) E62H80 LR (RM 92) MZ 395X (RM 95)

	Management			Plant Characteristics							Plant Disease Characteristics	
Positioning	Response to Intensive Management Score (0-10)	Geography	Final Seeding Population	Seedling Vigour	Plant Height	# Kernel Rows	Stalk Strength	Plant Health	Grain Drydown	Test Weight	NCLB	ANTH
› Average response to fungicide › Above-average response to intensive management › Excellent in corn-on-corn management	8	Moves north and south of zone	34-36	9	T	16-18	9	9	8	8	7	6
› Excels in variable yield environments › Less likely to respond to fungicides	UR	Moves north and south of zone	32-34	9	M	16-18	9	9	8	8	8	8
› Excels in low-yield environments › Less likely to respond to increased nitrogen and/or fungicide › Ideal for delayed harvest	4	Moves north and south of zone	32-34	8	S	16-18	9	9	8	8	7	7
› Above-average response to fungicide › Excels in high-yield environments › Position for timely harvest › Excellent dual-purpose option	6	Moves north of zone	30-32	8	M-T	18-20	9	7	9	8	8	UR
› Average response to fungicide › Superior yield across management and environments › Ideal for delayed harvest	5	Moves north of zone	32-34	9	T	16-18	9	9	9	8	8	8
› Moderate response to fungicide › Excels in variable-yield environments › Ideal for delayed harvest	7	Moves south of zone	32-36	9	M-T	16-18	9	9	8	8	8	7
› Excels across yield environments › Above-average response to fungicide › Ideal for delayed harvest	7	Moves south of zone	32-36	9	M-T	16-18	9	9	8	8	8	7
› Less likely to respond to inputs › Timely harvest recommended	UR	Moves south of zone	32-34	8	M	16-18	8	9	8	9	8	7
› Below-average response to additional fungicide and nitrogen › Ideal for delayed harvest	3	Moves north and south of zone	32-34	9	M-T	16-18	9	9	9	8	9	-
› Below-average response to additional fungicide and nitrogen › Ideal for delayed harvest	3	Moves north and south of zone	32-34	9	M-T	16-18	9	9	9	8	9	-

Grain Corn Hybrids

CHU 2925-3100

Hybrid	CHU	RM	CHU to 50% Silk	Silking RM	Characteristics	Companions
MZ 3818DBR	2925	98	1698	99	› Dependable yield across diverse environments › Durable disease tolerance › Excellent fall intactness	O = MZ 3930DBR D = E67H92 R
MZ 3930DBR	2950	99	1698	99	› Open husks promote rapid drydown › Strong late-season intactness › Next-level yield potential	O = MZ 4280DBR D = MZ 4040DBR
MZ 3877SMX	2925	98	1723	100	› Excellent grain-filling performance › Open husks allow fast grain drydown › Moves north and south of zone well	O = MZ 4049SMX D = E67H92 R
NEW MZ 397	2950	99	1660	100	› Closely related to hybrids with proven performance › Solid stress tolerance › Open husk for rapid drydown	O = MZ 369 D = E67H95
MZ 4280DBR	2975	102	1642	97	› Moves north of zone well › Excels in high-yield environments › Excellent early-season vigour	O = MZ 4040DBR D = MZ 3818DBR
MZ 4040DBR	2975	100	1710	102	› Maturity-leading yield potential › Solid stress tolerance › Open husk for rapid drydown	O = MZ 4280DBR D = MZ 3818DBR
MZ 4049SMX	2975	100	1685	102	› Maturity-leading yield potential › Solid stress tolerance › Open husk for rapid drydown	O = MZ 4280DBR D = MZ 3877SMX
MZ 4151TRE	3000	101	1707	103	› Control of Western Bean Cutworm › Durable disease package › Exceptional stalk strength for flexible harvest	O = MZ 4040DBR D = MZ 4525SMX
MZ 4158DBR	3100	101	1698	103	› Strong stalks and stay-green for flexible harvest › Responds to intensive management › Open husks allow for fast grain drydown	O = MZ 4368DBR D = MZ 4577SMX

	Management			Plant Characteristics							Plant Disease Characteristics	
Positioning	Response to Intensive Management Score (0-10)	Geography	Final Seeding Population	Seedling Vigour	Plant Height	# Kernel Rows	Stalk Strength	Plant Health	Grain Drydown	Test Weight	NCLB	ANTH
› Average response to fungicide › Raise populations to match yield potential › Ideal for delayed harvest	6	Moves south of zone	32-36	8	M-T	16-18	9	8	8	8	8	8
› Average response to intensive management › Raise populations accompanied with fungicide and nitrogen › Ideal for delayed harvest	5	Moves north and south of zone	32-34	8	T	16-18	9	8	9	8	8	8
› Average response to fungicide › Target moderate populations › Excellent in corn-on-corn management	5	Moves north and south of zone	32-34	9	M	16-18	9	9	9	9	7	7
› Predicted above-average response to fungicide › Use lower populations to maintain yield in stressful environments	UR	Moves north of zone	28-36	9	S-M	18-20	8	8	9	8	7	7
› Above-average response to inputs across yield environments › Excels in high-yield environments with matched fertility › Position for timely harvest	8	Moves north of zone	30-32	8	S-M	16-18	8	8	9	8	8	5
› Above-average response to intensive management › Use lower populations to maintain yield in stressful environments	8	Moves north and south of zone	28-36	9	S-M	18-20	9	8	9	8	7	8
› Above-average response to fungicide › Excellent in corn-on-corn management › Use lower populations to maintain yield in stressful environments	7	Moves north and south of zone	28-36	9	S-M	18-20	9	8	9	8	7	8
› Above-average response to intensive management › Ideal for delayed harvest › Excels in variable-yield environments	7	Moves south of zone	32-34	9	T	16-18	9	8	8	8	8	7
› Average response to fungicide › Above-average response to nitrogen and plant population › Ideal for delayed harvest	8	Moves south of zone	34-36	9	T	16-18	8	8	8	8	7	8

Grain Corn Hybrids

CHU 3100-3275

Hybrid	CHU	RM	CHU to 50% Silk	Silking RM	Characteristics	Companions
MZ 4691DBR	3100	104	1644	103	› Compact plant for efficient harvest › Excellent grain quality and test weight › Strong stalks for flexible harvest	O = MZ 4821DBR D = MZ 4577SMX
MZ 4410TRE	3150	104	1620	101	› Superior above-ground insect protection including Western Bean Cutworm › Strong vigour for rapid stand establishment › Strong agronomics promote harvest ease	O = MZ 4158DBR D = MZ 4577SMX
MZ 452	3150	105	1656	104	› Industry-leading yield potential › Ideal for variable-yield environments › Impressive seedling vigour for tough conditions	O = MZ 397 D = MZ 460
MZ 4525SMX	3100	105	1687	106	› Exceptional stalk strength › Long history of reliability › Impressive health and stay-green	O = MZ 4158DBR D = MZ 4577SMX
MZ 4577SMX	3150	105	1690	104	› Proven genetics for stress tolerance › Leader in maturity for high yield › Solid stalks allow flexible harvest	O = MZ 4368SMX D = MZ 4525SMX
MZ 460	3200	106	1720	106	› Strong leaf disease tolerance › Impressive stay-green › Photocopied ear size with consistent ear placement	O = MZ 397 D = MZ 452
MZ 4608SMX	3200	106	1680	107	› Rapid early-season canopy closure › Open husks promote rapid drydown › Photocopied ear size with consistent ear placement	O = MZ 4821DBR D = MZ 4577SMX
MZ 4755TRE	3250	107	1670	108	› Solid agronomics and Western Bean Cutworm protection › Leading yield potential › Open husks aid drydown	O = MZ 4821DBR D = MZ 4577SMX
MZ 4821DBR	3275	108	1677	109	› Excellent grain quality and test weight › Strong leaf-disease tolerance › Above-average performance on heavier soil types	O = MZ 4755TRE D = MZ 4577SMX

	Management			Plant Characteristics							Plant Disease Characteristics	
Positioning	Response to Intensive Management Score (0-10)	Geography	Final Seeding Population	Seedling Vigour	Plant Height	# Kernel Rows	Stalk Strength	Plant Health	Grain Drydown	Test Weight	NCLB	ANTH
› Excels in high-yield environments › Above-average response to intensive management	8	Moves north of zone	34-36	8	S-M	14-16	9	9	8	9	8	7
› Predicted less favourable response to fungicide	UR	Moves north and south of zone	34-36	9	T	16-18	9	9	8	8	8	8
› Predicted response to fungicide › Excels in variable-yield environments › Position for timely harvest	UR	Moves south of zone	32-34	9	M	18-20	8	8	8	7	7	5
› Excels in variable-yield environments › Less likely to respond to extra inputs › Ideal for delayed harvest	4	Moves south of zone	32-34	8	M	16-18	9	9	8	8	7	5
› Excels in variable-yield environments › Favourable response to fungicide › Average response to intensive management	7	Moves north and south of zone	34-36	8	S-M	16-18	8	8	8	8	7	8
› Predicted favourable response to fungicide › Target moderate plant populations	UR	Position in zone	32-34	9	T	18-20	8	9	8	7	7	8
› Favourable response to fungicide › Target moderate plant populations	7	Moves north of zone	32-34	9	M	18-20	8	8	9	7	8	7
› Predicted favourable response to fungicide › Ideal for delayed harvest	UR	Position in zone	34-36	8	T	18-20	9	8	8	8	7	8
› Above-average response to an increase in population in combination with nitrogen › Average response to fungicide › Ideal for delayed harvest	8	Position in zone	32-34	8	M	16-18	9	9	8	8	8	8

Performance in the Field. Performance from your Feed.

maizex® Ration MZ Silage Corn Hybrids

CHU 1900-2150 – *EnergyPlus Silage*

Hybrid	Silage CHU	Silage RM	Silage CHU Position	CHU 50% Silk	Grain CHU	Grain RM	Characteristics
MZ 1200DBR	1900	69	>1900	1277	2050	72	› Early flowering allows movement north › Aggressive seedling vigour
E44H12 R	1950	71	>1950	1302	2100	74	› Rapid grain set for early geography › Increased starch quantity
MZ 1340DBR	1975	71	>2000	1250	2150	73	› Increased starch quantity › Early flowering allows movement north
MZ 1482R	2050	71	>2000	1382	2300	74	› Strong agronomics promote yield › Large, wide leaves for increased tonnage
MZ 1544DBR	2100	72	>2100	1301	2250	75	› Soft kernel density › Strong disease package protects feed quality
MZ 1688DBR	2150	73	>2150	1323	2300	76	› Consistent performance across environments › Starch quantity stability from uniform ear size

did you KNOW?

- Maizex does comprehensive testing each year on potential corn silage hybrids in different maturities across the country. Beyond yield, our focus on silage quality covers protein, starch content, starch digestibility and fibre digestibility through comprehensive sample analysis. Ask your Maizex Seeds dealer for more information on hybrid testing in your maturity range.

Nomenclature

See the Grain Corn nomenclature for prefix information, which is identical in our Ration MZ silage hybrids.

SMX or E hybrid ending in LR

SmartStax® RIB Complete® Corn with 5% Refuge in the bag. Corn Rootworm, Corn Earworm and European Corn Borer resistant, Black Cutworm; glyphosate and glufosinate tolerant.

DBR or E hybrid ending in 2R

VT Double PRO® RIB Complete® Corn with 5% Refuge in the bag. European Corn Borer and Corn Earworm resistant; glyphosate tolerant.

E hybrid ending in 7R

Glyphosate tolerant.

DUR

Two modes of action for season-long corn rootworm and corn borer control.

Whether you are feeding for milk or for meat, every producer has a formula for success from the bunk or silo. Ration MZ encompasses the complete Maizex Portfolio of silage-specific and multi-purpose hybrids.

EnergyPlus Silage: multi-purpose hybrids produce high energy levels with the flexibility to use for silage, high moisture, or grain corn.

FeastPlus Silage: silage-specific hybrids by comparison have been developed for their increased palatability, digestibility, and high-tonnage yield.

			Management				Plant Characteristics				
Characteristics	Final Population	Position	Tonnage	Digestibility	Response to Fungicide	Seedling Vigour	Plant Height	Kernel Texture	Starch Amount	Early Starch Availability at Harvest	Plant Disease Rating
› Rapid starch accumulation	34-36	R	7	7	8	8	M	M	9	8	7
› Tolerates cold climate well	34-36	R	7	7	8	9	M-T	M	9	8	7
› Dependable tonnage	32-36	R	7	7	9	9	M	M	9	8	7
› Impressive ear with increased starch availability	32-34	R	7	7	8	9	M	VS	9	8	7
› Ideal for high starch rations	32-34	R	7	7	8	9	T	S	9	8	8
› Enhanced stay-green allows flexible harvest	32-34	R	8	7	8	9	T	S	9	8	8

Characteristics Legend

Here is how to read our ratings. We rate 1-9.
1 = Very Poor, **9** = Excellent

Position (Best Fit in Crop Rotation):
R = Rotated Corn Acres, **C** = Continuous Corn Acres

Plant Height: S = Short, **M** = Medium, **T** = Tall

Kernel Texture: VS = Very Soft, **S** = Soft, **M** = Medium, **H** = Hard

Starch Amount: 1 = Low, **9** = High

Early Starch Availability: 1 = least readily available
9 = most readily available

Plant Disease Rating: 1 = Poor, **9** = Excellent

Silage CHU and RM are based on the appropriate maturity zones for growing the hybrid to silage maturity.

Herbicide Sensitivity Caution: Avoid post-emergent application of Group 27 & 28 herbicides (ex. Converge®, Callisto®, Impact™) on Leafy Silage hybrids. Leafy hybrids have shown increased injury after post-emergent application of Group 27 & 28 herbicides in comparison to other hybrids.

maizex® Ration MZ Silage Corn Hybrids

CHU 2150-2750 – *EnergyPlus Silage*

Hybrid	Silage CHU	Silage RM	Silage CHU Position	CHU 50% Silk	Grain CHU	Grain RM	Characteristics
E49K32 R	2150	75	>2150	1335	2300	79	› Large, robust plant type › Increased starch quantity for maximum energy
E52V92 R	2300	77	>2300	1374	2450	82	› Early grain-set reduces risk north of zone › High starch content
E52V97 R	2300	77	>2300	1374	2450	82	› Early grain-set reduces risk north of zone › High starch content
MZ 2452DUR	2400	80	>2400	1470	2550	84	› Wider window for optimum harvest › Impressive plant stature
MZ 248X	2400	81	>2400	1515	2550	84	› Excellent stay-green for flexible harvest › Robust plant type increases yield
E55T37 R	2450	82	>2450	1488	2600	85	› Aggressive seedling vigour for rapid canopy closure › Excellent standability
MZ 2699DBR	2450	83	>2450	1515	2600	86	› Early grain-set reduces risk north of zone › Rapid canopy establishment
MZ 2812SMX	2550	85	>2500	1589	2700	88	› Excellent plant health for flexible harvest › Adapted to elevated populations
MZ 3397SMX	2625	89	>2600	1622	2775	93	› Leading plant health maximizes quality › Position on corn-after-corn fields
E63D17 R	2625	89	>2600	1620	2775	93	› High starch content › Enhanced stay-green allows flexible harvest
E65G82 R	2650	90	>2650	1601	2800	94	› Industry-leading silage performance › Early flowering allows northern adaptation
NEW MZ 3505DBR	2750	92	>2750	1632	2850	95	› Large, robust plant type

EnergyPlus Hybrids Also Available:

E46J77 R (Silage RM 72, Grain RM 76)

Characteristics	Management					Plant Characteristics					
	Final Population	Position	Tonnage	Digestibility	Response to Fungicide	Seedling Vigour	Plant Height	Kernel Texture	Starch Amount	Early Starch Availability at Harvest	Plant Disease Rating
› Early maturity allows movement north of zone	32-34	R	8	8	8	9	M-T	S	9	8	7
› Outstanding agronomics	32-36	R	8	7	7	8	M-T	M	9	8	9
› Outstanding agronomics	32-36	R	8	7	7	8	M-T	M	9	8	9
› Large ears enhance starch quantity	30-32	C	8	8	8	9	T	M	8	8	8
› Blocky ears promote starch quantity	30-32	R	8	7	8	8	M	S	8	8	7
› Enhanced stay-green allows flexible harvest	32-34	R	8	7	8	9	T	M	9	8	8
› Large ears promote higher starch values	32-34	R	9	8	6	9	M-T	M	9	8	8
› Position on corn-after-corn fields	34-36	C	8	7	7	8	M-T	M	9	8	9
› Large ears enhance starch quantity	34-36	C	9	7	8	9	M-T	M	9	8	8
› Excellent standability	34-36	R	8	7	7	9	T	M	9	8	8
› Excellent spring vigour	32-34	R	9	7	9	9	M-T	M	9	8	7
› Enhanced stay-green allows flexible harvest	32-34	R	9	7	8	9	T	M	9	8	8

maizex® Ration MZ Silage Corn Hybrids

CHU 2800-3125 – *EnergyPlus Silage*

Hybrid	Silage CHU	Silage RM	Silage CHU Position	CHU 50% Silk	Grain CHU	Grain RM	Characteristics
MZ 3818DBR	2800	94	>2800	1698	2925	98	› Leading plant health protects sample quality › Large ears enhance starch quantity
MZ 3877SMX	2800	94	>2800	1723	2925	98	› Adapted north of zone › Consistent yield leader
NEW MZ 3930DBR	2800	96	>2850	1698	2950	99	› Massive plant stature › Consistent ear line
MZ 4040DBR	2850	97	>2850	1710	2975	100	› Maturity-leading yield potential › Allows flexible field positioning
MZ 4049SMX	2850	97	>2850	1685	2975	100	› Maturity-leading yield potential › Allows flexible field positioning
MZ 4158DBR	2950	98	>2950	1698	3100	101	› Top-end starch quantity › Responds to intensive management
MZ 4368SMX	2950	99	>2950	1698	3100	103	› Top-end starch quantity › Responds to intensive management
MS 0330R	2950	99	>2900	1700	3100	103	› Massive plant stature › Strong agronomics
MZ 4577SMX	3000	101	>3000	1690	3150	105	› Exceptional stress tolerance › Early flowering allows movement north of zone
NEW MZ 4608SMX	3050	102	>3100	1680	3200	106	› Large ears enhance starch quantity › Elevated starch content
NEW MZ 4821DBR	3125	104	>3125	1677	3275	108	› Superior leaf-disease tolerance preserves quality › Flexible field positioning

EnergyPlus Hybrids Also Available:

E69K50 LR (Silage RM 96, Grain RM 99)
E75K60 LR (Silage RM 102, Grain RM 105)

Characteristics	Final Population	Position	Tonnage	Digestibility	Response to Fungicide	Seedling Vigour	Plant Height	Kernel Texture	Starch Amount	Early Starch Availability at Harvest	Plant Disease Rating
			Management			Plant Characteristics					
› Solid stress tolerance	30-36	R	8	8	7	8	M-T	M	9	8	9
› Position on corn-after-corn fields	32-34	C	9	7	7	9	M	H	9	8	8
› Flexible harvest window	32-34	R	9	8	7	8	T	M	9	9	8
› Leading milk per acre values	28-36	R	9	8	8	9	T	M	9	8	7
› Leading milk per acre values	28-36	C	9	8	9	9	T	M	9	8	7
› Impressive plant health for enhanced yield	34-36	R	9	7	9	9	T	S	9	8	9
› Impressive plant health for enhanced yield	34-36	C	9	7	9	9	T	S	9	8	9
› Soft kernels for increased starch availability	30-32	R	9	8	8	9	VT	S	8	8	8
› Allows flexible field positioning	34-36	C	8	8	7	8	M	H	9	8	8
› Adapted north of zone	32-34	C	9	8	6	9	M	H	9	8	8
› Impressive plant stature	32-34	R	9	7	7	8	T	H	9	8	9

maizex® Ration MZ Silage Corn Hybrids

CHU 1900-2900 – *FeastPlus Silage*

Hybrid	Silage CHU	Silage RM	Silage CHU Position	CHU 50% Silk	Grain CHU	Grain RM	Characteristics
NEW MS 6960R	1900	69	>2100	1325	2050	72	› Rapid grain setup for maturity › Solid agronomics promote yield
MS 7420R	2200	74	>2150	1345	2300	77	› Increased starch availability › Aggressive seedling vigour
NEW MS 752	2250	75	>2300	1298	2450	78	› Strong stalks allow additional grazing days › Early flowering allows northern adaptation
MS 8022R	2250	75	>2200	1298	2400	78	› Industry-leading early season vigour › Rapid grain set for early geography
LF 728R	2300	74	>2200	1319	2500	83	› Standard to silage and grazing corn › White cobs for more palatable silage
MS 7733DBR	2350	77	>2300	1337	2500	81	› Above-ground insect protection › Early flower allows northern movement
MS 8270R	2450	82	>2450	1370	2600	85	› Strong agronomics › Extended stay-green preserves silage quality
MS 8632R	2550	86	>2550	1530	2700	90	› Adapted for northern movement › Impressive tonnage
LF 9066SMX	2600	87	>2600	1610	2750	91	› Large, robust stature for maturity › Adapted for movement north
LFG 875	2750	92	>2700	1614	2900	97	› Floury gene for early starch availability at harvest › Industry-leading tonnage
LFG 8755R	2750	91	>2700	1614	2900	97	› Floury gene for early starch availability at harvest › Industry-leading tonnage
LF 8890SMX	2800	94	>2750	1637	2950	99	› Proven genetics for yield stability › Extended harvest window
LFG 9701R	2900	97	>2900	1690	3050	101	› Floury gene for early starch availability at harvest › Unmatched yield potential

Characteristics	Final Population	Position	Tonnage	Digestibility	Response to Fungicide	Seedling Vigour	Plant Height	Kernel Texture	Starch Amount	Early Starch Availability at Harvest	Plant Disease Rating
			Management			Plant Characteristics					
› Early grain-set reduces risk north of zone	28-32	R	7	7	8	8	M	S	8	8	7
› White cobs for more palatable silage	28-32	R	8	8	8	9	T	S	8	8	7
› Impressive stay-green optimizes feed quality	32-34	R	9	8	8	9	T	M	8	8	8
› Large harvest window	32-34	R	9	8	8	9	VT	M	8	8	8
› Rapid grain setup for maturity	28-30	R	8	8	8	9	M-T	M	8	8	7
› Increased starch availability	28-30	R	8	8	8	9	M-T	M	8	8	7
› Tall, robust plant type	30-32	R	8	8	8	9	T	M	8	8	7
› Attractive plant type	30-32	R	9	8	8	9	M-T	M	8	8	7
› Enhanced trait package	28-32	C	8	8	8	8	T	M	8	8	8
› Very good seedling vigour	27-30	R	9	9	9	8	VT	VS	7	9	5
› Very good seedling vigour	27-30	R	9	9	9	8	VT	VS	8	9	5
› Large, robust plant type	28-32	C	8	8	8	8	T	M	8	8	8
› White cob for increased digestibility	28-32	R	9	9	9	8	VT	VS	7	9	7

ELITE®

Your Field. Your Farm. Your Yield.

Soybean Varieties

Outstanding Yield and Flexibility

Elite brand soybean varieties combine stellar yield potential with a range of in-seed or seed-applied technologies to provide True Performance on your farm. Elite varieties are selected based on extensive testing across Canada to determine not only the best varieties for our customers, but also and most importantly, how best to position them for your success.

Elite Soybean Trait Technologies

Elite soybean trait platforms provide flexibility to meet your operational needs ranging from conventional IP varieties to multi-herbicide tolerant varieties that provide weed control flexibility, especially where glyphosate tolerant and emerging weed threats are an issue.

Traits	Features
XTENDFLEX SOYBEANS	NEW. Outstanding genetics for high-end yield potential. Three modes of herbicide tolerance for outstanding weed control, including glyphosate-tolerant weeds.
ROUNDUP READY 2 XTEND SOYBEANS	Benefits of glyphosate and new lower-volatility formulations of dicamba, such as Xtendimax® herbicide. Outstanding weed control including glyphosate-tolerant weeds such as Canada fleabane.
Enlist E3 SOYBEANS	Genetics featuring excellent yield potential. Three-way herbicide tolerance to glyphosate, 2,4-D, and glufosinate in a three-gene molecular stack.
Roundup Ready 2 YIELD SOYBEANS	Unique high-yielding genetics with excellent disease tolerance, including white mould.
CONV	Combines yield potential and export-quality grain characteristics.

Elite Soybean Seed Treatment Options

Seed treatments can be a critical tool to ensure emergence and early season plant health in soybeans. At Maizex Seeds we recognize that your seed treatment needs depend on the presence of insect and disease pests above threshold levels field-by-field on your farm. To provide the flexibility necessary to meet these needs, the following treatment options are available on all Elite soybean varieties:

		SEED TREATMENT OPTIONS			
Soybean Seed Treatments	**Description**	Insecticide, Fungicide & Pre-inoculated	Fungicide & Pre-inoculated	Fungicide Only	Untreated
LALFIX PROYIELD LIQUID SOYBEAN	Combines unique strain of Rhyzobium with unique biological for plant health and nutrient uptake. Promotes aggressive nodulation and uptake of nutrients.	✓	✓	✓	
Fortenza®	Diamide insecticide with broad-spectrum insect control.	✓			
Vayantis® IV	Protects your seed investment against a broad spectrum of diseases, including *Phytophthora* and *Pythium*.	✓	✓	✓	
* Lumisena™ FUNGICIDE SEED TREATMENT	Excellent control of *Phytophthora* in soybeans for late-season varieties.	✓	✓	✓	

* Used on late-maturity varieties in areas under high risk conditions.

		HERBICIDE TOLERANCE				
	Positioning	Glyphosate (RR)	Dicamba	Glufosinate (Liberty)	2,4-D	Identity Preserved Conventional
	Premier early-season weed control with option to use early dicamba or later Roundup® or Liberty® in-crop.	✓	✓	✓		
	Position dicamba applications for pre-plant or early post to maximize weed control.	✓	✓			
	Wide window of weed-control flexibility with excellent control of glyphosate-tolerant weeds. Using Enlist Duo™ herbicide, which contains glyphosate and 2,4-D with Colex-D™ technology, provides near-zero volatility.	✓		✓	✓	
	Position where herbicide-tolerant weeds are not an issue.	✓				
	Developed for non-GMO or identity-preserved contract opportunities. Consult your Maizex dealer for contract opportunities near you.					✓

ELITE® Soybeans

Variety	CHU	RM	Characteristics	
AMIRANI R2	2050	000.1	› High first pod for ease of harvest › Tall plant for maturity	› Excellent spring vigour
NEW WOLF R2X	2100	000.3	› Impressive *phytophthora* tolerance › High first pod for ease of harvest	› Consistent performance across soil types
AKRAS R2	2250	000.9	› Consistent yield performance › Great white mould tolerance	› Very high first pod position
NEW BADGER R2X	2325	00.2	› Strong yield performance › Tall plant with good standability	› Works well across all soil types
PODAGA R2	2475	00.8	› Performs well in stressful environments › Excellent standability	› Good white mould tolerance
NEW FOX E3	2500	00.9	› Stacked *phytophthora* genes and leading field tolerance › Good stress tolerance	› Enlist trait offers herbicide option to manage horsetail
HYDRA R2	2550	0.1	› Great standability › Excellent spring vigour	› Excellent white mould tolerance

did you KNOW?

- Maizex plants thousands of soybean plots every year to test for agronomic characteristics including disease tolerance. This includes the use of disease nurseries to test for white mould and the use of known infected locations to test for diseases such as Sudden Death Syndrome. In Manitoba, we test for key diseases and deficiencies, most notably iron chlorosis.

- It can take up to nine years or more for a soybean variety to move from initial crossing to commercial sales. It takes this time to not only select for yield and quality from a few plants in a plot to backcrossing, but to ensure a pure seed supply to produce certified seed for sale to our customers.

Characteristics Legend

Here is how to read our ratings. We rate 1-9.
1 = Very Poor, **9** = Excellent

SCN: Soybean Cyst Nematode rating: **S** = Susceptible, **PI88788, Peking** = Resistant

***Phytophthora* resistance gene: U** = Unidentified gene

***Phytophthora* Field Tolerance:**
BA = Below Average, **A** = Average, **AA** = Above Average

White Mould: BA = Below Average, **A** = Average, **AA** = Above Average, **E** = Excellent, **UR** = Unrated

SDS: UR = Unrated, **BA** = Below Average, **A** = Average, **AA** = Above Average, **E** = Excellent

Plant Height: S = Short, **M** = Medium, **T** = Tall, **VT** = Very Tall

Canopy: SB = Semi-bush, **N** = Narrow, **B** = Branched

Wide Row Adaptability:
Denotes yield and agronomic factors if planted in wide rows, such as: 30"
BA = Below Average, **A** = Average, **AA** = Above Average

Seeding Specification

SCN	*Phytophthora* Resistance Gene	*Phytophthora* Field Tolerance	White Mould	SDS	Seedling Vigour	Standability	Plant Height	Canopy	Wide Row Adaptability	Pubescence/Pod Colour	Flower/Hilum Colour	Average Seed Size (Bean/Lb of Seed)
S	Rps1k	AA	AA	-	9	8	M	NA	BA	B/B	P/Y	2634
PI88788	Rps3a	AA	AA	-	8	8	MT	SB	AA	G/B	P/BL	2653
S	Rps1c	AA	E	-	8	9	M	SB	A	G/T	P/BLI	2634
S	Rps1k	AA	A	-	7	8	MT	SB	AA	T/B	P/BL	2462
S	Rps1k	AA	A	-	8	8	M	SB	A	B/B	P/Y	2376
PI88788	Rps1c/3a	AA	A	-	7	8	M	SB	AA	G/T	P/Y	3298
S	Rps1k	A	E	-	8	8	MT	SB	A	B/B	P/BL	2546

Pubescence/pod/flower/hilum colours:
P = purple, **W** = white, **BL** = black, **B** = brown, **LB** = light brown, **Y** = yellow, **BU** = buff, **G** = grey, **T** = tawny, **LT** = light tawny, **TG** = tawny grey
(an **"i"** indicates imperfect hilum colour while a **"p"** indicates a pale variant of hilum colour)

Seed containing a patented trait can only be used to plant a single commercial crop from which seed cannot be saved and replanted. Examples of seed containing a patented trait include but are not limited to Roundup Ready 2 Yield® soybeans, Roundup Ready 2 Xtend® soybeans, and XtendFlex® soybeans. Patents for Bayer technologies specifically can be found at the following webpage: http://www.monsantotechnology.com

ELITE® Soybeans

	Variety	CHU	RM	Characteristics	
Roundup Ready 2 Xtend Soybeans	GRIZZLY R2X	2575	0.2	› Leading yield potential › Stacked phytophthra with leading field tolerance	› Complete agronomic package
Roundup Ready 2 Xtend Soybeans	COBRA R2X	2600	0.3	› High-yield potential even in stressed environments › Strong agronomic package	› Great white mould tolerance
Enlist E3 Soybeans	*NEW* BOA E3	2600	0.3	› Stacked phytophthora genes and leading field tolerance › Works well on all soil types	› Good stress tolerance
Roundup Ready 2 Xtend Soybeans	STINGRAY R2X	2625	0.4	› Excellent white mould tolerance › Excels in stressful environments	› Durable disease package
91 Roundup Ready 2 Xtend Soybeans	*NEW* LION R2X	2675	0.6	› Excellent yield potential › Excellent standability	› Bushy bean with good white mould tolerance
Roundup Ready 2 Xtend Soybeans	VIPER R2X	2725	0.8	› Industry-leading yield performance › Great disease package	› Excellent white mould tolerance
Enlist E3 Soybeans	KITES E3	2775	1.0	› Bushy bean that closes rows easily › High first pod for easy harvest	› Impressive plant health
Roundup Ready 2 Yield Soybeans	KATONDA R2	2775	1.0	› Leading white mould tolerance › Excellent standability	› Adapted to narrow rows
Roundup Ready 2 Xtend Soybeans	MARIS R2X	2775	1.0	› Leading yield potential › Clean fall appearance	› Excellent phytophthora tolerance
Enlist E3 Soybeans	HARRIER E3	2850	1.3	› Bushy bean fills in rows quickly › Great phytophthora field tolerance	› Strong disease tolerance
Xtendflex Soybeans	*NEW* AVALANCHE XF	2875	1.4	› Best-in-class disease and agronomic package › Excellent standability	› Strong yield performance across soil types
Roundup Ready 2 Xtend Soybeans	CYCLONE R2X	2900	1.5	› Stacked phytophthora genes and leading field tolerance › Leading plant disease package	› Aggressive performance and yield in tough conditions
Enlist E3 Soybeans	COUGAR E3	2950	1.7	› Strong SDS tolerance › Excellent standability	› Great phytophthora disease tolerance

Seeding Specification

SCN	*Phytophthora* Resistance Gene	*Phytophthora* Field Tolerance	White Mould	SDS	Seedling Vigour	Standability	Plant Height	Canopy	Wide Row Adaptability	Pubescence/Pod Colour	Flower/Hilum Colour	Average Seed Size (Bean/Lb of Seed)
PI88788	Rps1k/3a	AA	AA	-	8	9	M	SB	AA	LB/T	P/BL	2629
PI88788	Rps1c	AA	AA	-	8	7	MT	SB	E	LB/T	P/B	2641
PI88788	Rps1c/3a	AA	A	-	7	8	M	SB	AA	G/T	P/Y	2776
PI88788	Rps1c	A	AA	-	7	8	MT	B	E	LB/LB	P/BL	2712
S	Rps1c	A	AA	-	7	8	M	B	AA	LB/B	P/YI	2982
PI88788	Rps1c	AA	E	AA	8	8	M	SB	AA	LB/T	P/BL	2529
S	Rps1a	AA	A	AA	7	8	MT	SB	E	G/B	P/BU	2869
S	Rps1k	AA	E	BA	7	9	M	SB	A	B/B	P/BL	2686
PI88788	Rps3a	E	A	AA	7	8	MT	SB	AA	TG/TG	P/B	2817
PI88788	NONE	E	A	AA	7	7	MT	B	AA	G/B	P/BLI	2384
PI88788	Rps1k/3a	AA	AA	AA	8	8	MT	SB	AA	LT/B	P/B	2200
PI88788	Rps1k/3a	AA	AA	A	9	8	MT	B	AA	LB/LB	P/BL	2577
PI88788	Rps3a	AA	A	AA	8	8	MT	B	E	G/T	P/BU	2702

ELITE® Soybeans

	Variety	CHU	RM	Characteristics	
XTENDFLEX SOYBEANS	PANTHER XF	3025	2.0	› Incredible seedling vigour › Well-adapted to clay and sand soil types	› Strong SDS tolerance
Enlist E3 SOYBEANS	OCELOT E3	3050	2.1	› Unique Peking SCN resistance › Strong white mould tolerance	› Great SDS tolerance
ROUNDUP READY 2 XTEND SOYBEANS	RX TORQUE	3125	2.3	› Stable performance across soil types › Stacked phytophthora genes	› Leading standability
XTENDFLEX SOYBEANS	*NEW* PYTHON XF	3125	2.3	› Aggressive seedling vigour › Consistent performance across soil types	› Very good yield potential
Enlist E3 SOYBEANS	WOLVERINE E3	3175	2.5	› Strong yield performance › Excellent disease package	› Strong SDS tolerance
ROUNDUP READY 2 XTEND SOYBEANS	SUPERIOR R2X	3225	2.7	› Unique Peking SCN resistance › Industry-leading SDS tolerance	› Stable performance across environments
Enlist E3 SOYBEANS	EMERGE E3	3225	2.7	› Consistent top-end yield performance › Performs well across all soil types	› Excellent phytophthora tolerance
XTENDFLEX SOYBEANS	SUPREME XF	3250	2.8	› Stacked phytophthora genes and leading field tolerance › Excellent yield potential	› Great SDS tolerance
XTENDFLEX SOYBEANS	MAMMOUTH VII XF	-	5.0	› Gigantic soybean plant for silage › High-quality silage	› Strong emergence for tougher soils

Conventional Varieties

CONV	JARI	2500	00.9	› Excellent white mould tolerance	› Rapid spring vigour › Very high-protein bean with good yield potential
CONV	AURIGA	2625	0.4	› Impressive white mould tolerance	› Industry-leading disease tolerance › Steady performance
91 CONV	CHIBA	2650	0.5	› Organic › Tall plant with excellent standability	› High-protein bean (specialty) › Excellent spring vigour
91 CONV	AJICO	2725	0.8	› Consistent yield performance across soil types	› Excellent standability › Strong white mould tolerance

Seeding Specification

SCN	*Phytophthora* Resistance Gene	*Phytophthora* Field Tolerance	White Mould	SDS	Seedling Vigour	Standability	Plant Height	Canopy	Wide Row Adaptability	Pubescence/Pod Colour	Flower/Hilum Colour	Average Seed Size (Bean/Lb of Seed)
PI88788	Rps1c	AA	BA	AA	9	6	T	SB	AA	LT/B	P/BL	2735
PEKING	Rps1c	AA	AA	E	7	8	MT	SB	AA	G/T	P/BLI	2418
PI88788	Rps1c/3a	AA	A	A	8	8	MT	SB	AA	G/T	P/BLI	2467
PI88788	Rps1k	A	A	UR	8	7	T	SB	AA	G/T	PBLI	2700
PI88788	Rps1k	AA	A	AA	7	8	MT	SB	A	G/T	W/BU	2747
PEKING	Rps1c	AA	A	E	8	7	T	B	E	G/LB	P/BLI	2785
PI88788	Rps1k	AA	AA	AA	8	8	MT	B	E	G/T	W/BU	2423
PI88788	Rps1c/3a	E	A	AA	8	8	MT	B	E	G/B	P/BU	2786
PI88788	Rps1a	AA	-	AA	9	7	VT	BR	E	LT/T	W/BL	-
S	None	AA	AA	UR	8	8	M	SB	A	B/B	P/YI	2429
S	None	AA	AA	UR	9	7	M	N	BA	G/G	P/Y	2189
S	None	AA	AA	UR	9	9	T	SB	AA	B/B	P/Y	2404
S	Rps1c	AA	AA	AA	7	9	M	SB	AA	B/B	P/YI	2182

ELITE Forage Products

FEATURED

Forage Selector	Variety	Positioning	
Intensive Management			
ALFALFA	ALTHEA STAND FAST	› Standfast variety for fast recovery and regrowth. Suited for short cutting intervals › Higher yield through more cuts	› Very good winter survival › High quality feed source
Conventional Management System			
ALFALFA	RUSTUNG	› Outstanding yield and quality potential › Ideal for longer cutting intervals, 10% bloom	› Very good winter survival › Benchmark disease tolerance for industry
Potato Leaf Hopper Resistance			
ALFALFA	SAFEGUARD PLH	› Excellent resistance to potato leaf hopper › Excellent disease resistance	› Higher yield in presence of PLH
Variable Fields			
ALFALFA	MAGNUM 8-WET	› Ideal for uneven fields › Branched roots to overcome wet soils	› High yield potential › Excellent disease tolerance
Traffic and Grazing Tolerance			
ALFALFA	3010	› Deep set crown with high yield potential › Slower regrowth giving time for manure application	› Very good winter survival
Blend Companions			
TIMOTHY	ARLAKA	› Very leafy	› Superior stand persistence
TIMOTHY	GLACIER	› Adapted for intensive management	› Rapid recovery with good winter hardiness
RED CLOVER	BEARCAT	› Outstanding stand persistence › Superior yields in 3-cut system	› Very good disease tolerance
LADINO WHITE CLOVER	COMPANION	› Excellent persistence	› Tolerates drought › Early
FESCUE MEADOW	LAURA	› High quality and highly digestible	› High quality and highly digestible
TALL FESCUE	BARELITE	› Season long growth for higher yields	› Soft leaves for digestibility
ORCHARD GRASS	ATHOS	› Tolerates dry spells with very good fall growth	› High yielding

Maizex Seeds is now selling Elite forages. Although new to Maizex, Elite forages have a rich history of performance in Eastern Canada. Our products were tested and selected to meet the specific nutrition and agronomic needs of farmers wanting a high-quality and high-yielding feed source. Our product performance reflects the brand name and our goals as a trusted seed partner. What are your field and nutrition needs? See the chart below to find the right forage product for your farm.

Yield	Dormancy	Survival	Multifoliate	Intensive	Verticilium	Phytophthora	Bacterial Wilt	Fusarium Wilt	Anthracnose	Aphanomyces	Timothy Companion
9	5	1.9	N	X	HR	HR	HR	HR	HR	HR	Glacier
9	4.4	1.5	Y	-	HR	HR	HR	HR	HR	HR	Arlaka
8	4	2	Y	-	HR	HR	HR	HR	HR	HR	Arlaka
8	4	2.5	-	-	HR	HR	HR	HR	HR	HR	Arlaka
8	2.5	1.8	-	-	HR	HR	HR	HR	HR	HR	Arlaka
9											
8											
8											
9											
8											
9											
8											

The following are performance-driven mixtures to maximize field performance and feed quality.
Ask your local Maizex Seeds dealer for more information on the benefits of Elite forages in your ration.

Purpose	Variety Mixture	Positioning
Intensive Management	› 75% Althea, 25% Glacier	› Fast recovery for shorter harvest intervals and higher yield
Conventional System	› 75% Rustung, 25% Arlaka	› Strong winter hardiness with excellent stand persistence
High Yield Silage	› 75% Safeguard PLH, 25% Arlaka	› Multifoliate with strong stand persistence

Characteristics Legend

Yield Rating: 9 = Excellent, **5** = Average, **1** = Poor, **-** = Insufficient data
Multifoliate: Has more than 3 leaflets? **Y** = Yes, **N** = No
Dormancy: Describes the ability to grow into the fall. Ratings: **1** = Variety that goes dormant early, **5** = Strong fall growth.
Diseases: MR = Moderately resistant, **R** = Resistant, **HR** = Highly Resistant
Survival: The lower the number the better. **1** = Excellent, **2** = Very Good, **3** = Average
Intensive Management: Variety is suited for intensive management with more cuts. **X** = Suitable

The Importance of Agriculture to *Everyday Life*

As farmers, we have an unbelievable story to tell about how we are producing the most nutritious, safest, and lowest cost food supply in the history of mankind. Our success on the farm has allowed our entire population to have a longer average lifespan with the highest standard of living on the planet.

Sharing our experience as farmers is critical. Today, people are asking questions not only about our food safety but also food security. This is understandable. What we underestimate is the high level of credibility farmers have with the general public. It is important for us to communicate what we do, and why, on the farm and how it allows us to provide nutrition to our society, even through difficult times.

People want to learn. The first rule to remember when talking with someone from outside your normal circle of engagement is to find common ground, such as talking about the weather, family, or shared values. From there, your conversation can be as simple as sharing your knowledge. Modern agriculture is not easy to explain, but it is easy to convey why you use the products you do to produce a healthy and high-yielding crop. Show your passion about farming and share how we need to continue to access modern agriculture tools in order to supply a safe, affordable, and sustainable food supply going forward, not only for Canadians, but also for our global community.

To provide support for your efforts, Maizex Seeds launched Be Rooted, Be Involved. This initiative provides information on the technologies we use in agriculture today, the role they play in the security of our food supply and how important they are in preserving the environment for future generations. Be Rooted, Be Involved information can be found at maizex.com

Be Rooted
Be Involved

did you KNOW?

- Seed treatments are used in corn to protect the seed and seedling from soil-borne insects or diseases. Using a seed treatment reduces pesticide use by as much as 99%. This is because only the seed is treated; a combined area of only 2.3m²/ha (25 ft²/acre) when compared to broadcast applications covering 10,000M² (43,560 ft²/acre).

- Farmers only use the technologies they need. Companies like Maizex offer different combinations of seed treatments or traits for example, to ensure that farmers only use the technologies necessary to ensure a safe, harvestable crop.

Success – a purchase of Certified Seed opens the door to opportunities for success:

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

Before opening a bag of seed, be sure to read and understand the stewardship requirements, including applicable refuge requirements for insect resistance management, for the biotechnology traits expressed in the seed set forth in the technology agreement that you sign. By opening and using a bag of seed, you are reaffirming your obligation to comply with those stewardship requirements.

Protecting Pollinators:

If you use a seed flow lubricant when planting treated seed, PMRA requires the use of Bayer CropScience's Fluency Agent to reduce dust on insecticide treated seed. Carefully follow use directions for this product.*

* Not all planter types require seed flow lubricants; check with your Maizex Seeds representative for more information.

Best Management Practices

- Control flowering weeds in the field prior to planting so that bees are not attracted to the field for foraging.
- Provide pollinator-friendly habitats away from active fields.
- Be aware of hive locations and monitor environmental conditions.
- Avoid generating dust when handling or loading treated seed.
- Ensure proper cleanup and disposal.
- Speak to your equipment dealer or manufacturer about the appropriateness of deflector kits for North American vacuum planters.

For more information on pollinator health and best management practices for seed-applied insecticides, please visit www.croplife.ca

Maizex Seeds is a participant in the CleanFARMS seed bag collection program which is offered in Ontario, Quebec and the Maritimes. This program provides an environmentally friendly way to deliver empty seed bags to certified collection sites to divert this waste from landfills or open fires. To take advantage of the program be sure your seed bags are empty and then placed in the plastic collection bag available from certified collection points. Collection bags are accepted free of charge and sent for safe disposal.

Varieties with this logo are protected by the Plant Breeders' Rights (PBR) Act in accordance with UPOV 91. PBR is in place to increase investment in Canadian plant breeding, which results in new, higher-yielding varieties for Canadian farmers. It is important to understand your obligations when you purchase PBR-protected varieties. For more information visit pbrfacts.ca.

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 violation of federal law to use any pesticide product other than in accordance with its labeling. NOT ALL formulations of dicamba or glyphosate are approved for in-crop use with products with Roundup Ready 2 Xtend® soybeans. 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.

Roundup Ready® 2 Technology contains genes that confer tolerance to glyphosate. Products with XtendFlex® Technology contains genes that confer tolerance to glyphosate, glufosinate and dicamba. Roundup Ready 2 Xtend® soybeans contains genes that confer tolerance to glyphosate and dicamba. Glyphosate will kill crops that are not tolerant to glyphosate. **Dicamba** will kill crops that are not tolerant to dicamba. **Glufosinate** will kill crops that are not tolerant to glufosinate. Contact your Bayer retailer, refer to the Bayer Technology Use Guide, or call the technical support line at 1-800-667-4944 for recommended Roundup Ready® Xtend Crop System weed control programs.

Insect control technology provided by **Vip3A** is utilized under license from Syngenta Crop Protection AG. RIB Complete®, Roundup Ready 2 Xtend®, Roundup Ready 2 Yield®, Roundup Ready®, SmartStax®, Trecepta®, VT Double PRO® and XtendFlex® are registered trademarks of Bayer Group. Used under license. LibertyLink and the Water Droplet Design are trademarks of BASF. Used under license. Agrisure Viptera® is a registered trademark of a Syngenta group company. LibertyLink® and the Water Droplet Design are trademarks of BASF. Used under license. Herculex® is a registered trademark of Dow AgroSciences LLC. Used under license. Bayer CropScience Inc. is a member of CropLife Canada.

Important: Always read and follow label and bag tag instructions; only those labeled as tolerant to glufosinate may be sprayed with glufosinate ammonium based herbicides.

Always read and follow label directions.

Fortenza Maxim Quattro is an on-seed application of Maxim Quattro fungicide seed treatment and Fortenza insecticide seed treatment. Fortenza Vibrance Maxx is an on-seed application of Fortenza insecticide seed treatment and Vibrance Maxx RFC fungicide seed treatment. Agrisure®, Agrisure Duracade®, Agrisure Viptera®, Callisto®, E-Z Refuge®, Fortenza®, Maxim®, Vayantis®, and Vibrance® are trademarks of a Syngenta Group Company.

Agrisure® technology incorporated into these seeds is commercialized under license from Syngenta Seeds, Inc. HERCULEX® technology incorporated into these seeds is commercialized under license from Dow AgroSciences LLC. HERCULEX® and the HERCULEX® Shield are trademarks of The Dow Chemical Company ("Dow") or an affiliated company of Dow.

FieldView™ is a trademark of The Climate Corporation. The FieldView™ services provide estimates or recommendations based on models. These do not guarantee results. Consult your agronomist, commodities broker and other service professionals before making financial, risk management, and farming decisions. Information and recommendations we provide do not modify your rights under insurance policies purchased through our affiliates. More information at http://www.climate.com/ disclaimers.

Enlist E3™ Soybeans – PRODUCT USE STATEMENT: Enlist E3™ soybeans contain the Enlist E3 trait that provides crop safety for use of labeled over-the-top applications of glyphosate, glufosinate and 2,4-D herbicides featuring Colex-D® technology when applied according to label directions. Following burndown, the only 2,4-D containing herbicide products that may be used with Enlist™ crops are products that feature Colex-D technology and are expressly labeled for use on Enlist crops. 2,4-D products that do not contain Colex-D technology are not authorized for use in conjunction with Enlist E3 soybeans. **WARNING**: Enlist E3 soybeans are tolerant of over-the top applications of glyphosate, glufosinate, and 2,4-D. Accidental application of incompatible herbicides to this variety could result in total crop loss. When using 2,4-D herbicides, grower agrees to only use 2,4-D products that contain Colex-D technology authorized for use in conjunction with Enlist E3 soybeans. Always read and follow herbicide label directions prior to use.

YOU MUST SIGN A TECHNOLOGY AGREEMENT, READ THE PRODUCT USE GUIDE PRIOR TO PLANTING. THIS SEED IS ACQUIRED UNDER AN AGREEMENT THAT INCLUDES THE FOLLOWING TERMS: A license must first be obtained from Corteva Agriscience by signing a Technology Use Agreement and abiding by the terms and conditions of the Product Use Guides for all technologies in this seed, including the Herbicide Resistance Management (HRM), and Use Requirements detailed therein which can be found at www.corteva.ca/en/trait-stewardship.html.

CROP AND GRAIN MARKETING STEWARDSHIP: Corteva Agriscience is a member of Excellence Through Stewardship® (ETS). Corteva Agriscience products are commercialized in accordance with ETS product launch stewardship guidance and Corteva Agriscience's Product Launch Stewardship Policy. No crop or material produced from this product can be exported to, used, processed or sold across boundaries into nations where import is not permitted. Growers should talk to their grain handler or product purchaser to confirm their buying position for this product. For further information about your crop or grain marketing options, contact Corteva Agriscience at 1-800-667-3852. Information regarding the regulatory and market status of agricultural biotechnology products can be found at: www.biotradestatus.com.

These seeds are covered under Corteva Agriscience and M.S. Technologies, L.L.C. Patent Rights which can be found at: www.corteva.us/Resources/trait-stewardship.html. The purchase of these seeds conveys no license under said patents to use these seeds.

PATENT INFORMATION: The transgenic soybean event in the Enlist E3™ soybean is protected under Corteva Agriscience and M.S. Technologies, L.L.C. Patent Rights which can be found at: www.corteva.ca/en/trait-stewardship.html. The purchase of these seeds conveys no license under said patents to use these seeds.

For more information, contact your authorized retailer or Corteva Agriscience at 1-800-667-3852 or visit www.corteva.ca/en/trait-stewardship.html.

The transgenic soybean event in the Enlist E3™ soybean was jointly developed and owned by Corteva Agriscience and M.S. Technologies, L.L.C. ®™ Enlist, Enlist E3, the Enlist E3 logo, and Colex-D are trademarks of Dow AgroSciences LLC. Excellence Through Stewardship is a registered trademark of Excellence Through Stewardship.

ELITE is a trademark of Sollio Agriculture.

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maizex®

True PERFORMANCE

2023 Production Guide
Western Canada

did you KNOW?

- Maizex Seeds is a joint venture business formed between Dave and Brenda Baute, founders of Maizex Seeds and farmers in the Jeannette's Creek area of Ontario, and Sollio Agriculture, a division of Sollio Cooperative Group; one of the largest and most successful farmer-owned cooperatives in the country.

- Sollio Cooperative Group is celebrating its centennial anniversary this year. The business was formed through the merger of three cooperatives in Quebec under the name Coopérative fédérée in October of 2022. Sollio Cooperative Group operates three divisions: Sollio Agriculture; Olymel (food division) and BMR (retail division with a network of hardware stores). Through Sollio Agriculture in particular, the business is celebrating 100 years of putting farm families first!

True PERFORMANCE

FOR YOUR FIELD, YOUR FARM.

Welcome to Maizex Seeds: A Canadian farmer-owned business with a dedicated team focused on positioning premier genetics to meet the field-by-field needs of corn and soybean farmers across the country. While our company is national in scope, the products we offer were developed with your local needs top of mind.

Our Canadian Farm Roots Make A Difference

Our heritage, future, and sole focus as a business, is serving Canadian farmers. This is demonstrated by our investment in the future of agriculture in this country. We are actively investing in product performance, developing, and testing new-age genetics that combine yield potential with the best in trait and seed treatment technologies. Our ongoing commitment to agronomy research is aimed at providing answers to the questions you have as you strive to increase your yield and profitability.

Our theme of True Performance represents the culmination of our research and agronomy efforts as we provide top products for your field, your farm. In both our own and industry trials, Maizex products continue to set benchmark levels for performance.

For more information on how Maizex Seeds is investing in the future of seed technology for your farm, ask your local Maizex Seeds dealer or visit our website at maizex.com.

Your Success is Our Success

As in any good partnership, our team believes the only way we can be successful as a business is to ensure the success of our customers. To support your success, we continue to invest in four key areas of our business: product innovation, seed production innovation, agronomy research, and our Maizex team itself.

Performance-Focused Product Innovation

Maizex accesses genetics through a pool of modern germplasm from partners around the globe. The result is genetic diversity that leads to yield progress here in Canada. We match these genetics with tested true traits and seed-based technologies to meet your local needs.

Performance-Driven Production Innovation

A focus on producing quality seed was a founding principle at Maizex Seeds. Seed quality is monitored from planting, through processing, to shipment to your farm. Our production and processing techniques are aimed at minimizing seed handling to deliver best-in-class seed quality.

Our focus is similar in soybeans, where we partner with professional seeds people across the country to deliver top-yielding genetics and premier seed quality for your farm.

did you KNOW?

- Maizex plants 30,000 corn plots and over 20,000 soybean plots annually in maturity ranges and regions across the country to test new and existing genetics. This helps us determine the best corn hybrids and soybean varieties to bring to the market.

- Our focus on testing does not stop with base yield. We spend a great deal of time evaluating agronomic characteristics, including disease tolerance. Our goal is to introduce new products only if they perform a step above the products already in our portfolio.

Performance-Driven Agronomy Research

To take full advantage of your investment in Maizex Seeds products, we actively invest in agronomic research. On an annual basis, Maizex conducts extensive research in genetic, nutrient, intensive management, and seed treatment areas, with the goal of increasing your yield potential in grain corn, silage corn, and soybeans. This includes:

Product-Specific Research	Corn	Soybeans
Grain yield	✓	✓
Variety agronomic features (plant height, emergence, vigour, test weight, etc.)	✓	✓
Population response	✓	✓
Fungicide application response	✓	✓
Nitrogen response	✓	✓
Soil type	✓	✓
Disease ratings	✓	✓
Silage yield and quality ratings	✓	✓

Additional General Agronomy Research

- Nitrogen application timing
- Macro- and micro-nutrient response and timing
- Seed treatment testing
- Foliar fungicide response
- Tillage response
- Planting depth
- Precision farming systems
- Biological research

Performance-Driven Team

Our team at Maizex is driven to provide the best performance possible for your farm. From product research to production and processing, to our field team positioning our products for success, Maizex staff are focused on ensuring our products and product quality provide you with a yield and performance advantage. In fact, we meet on a regular basis to ensure continual improvement and to discuss how best to position our products for success in agronomy plans that can vary from farm to farm. From our senior management team to our sales, research, agronomy and production teams, we are available to discuss your needs further as you strive to improve the productivity of your farm.

In addition to this product guide, Maizex provides additional information on our products and agronomy research that can be found at maizex.com or by speaking with your local Maizex Seeds dealer.

did you KNOW?

- Every year, we summarize our agronomy research and publish an annual report that includes trial objectives, our insights, and conclusions. To request a copy of our Agronomy Research Summary, email info@maizex.com.

- Yield and quality trials represent a significant portion of our commercial product research. This includes both small plot and field scale trials, aimed at providing multiple data points in like-maturity areas to aid in decision making. Visit maizex.com for regional trial results in your area. To maintain our commitment to serving your needs better, our research, sales, agronomy, and production teams meet on a regular basis to review our processes and results. This allows us to identify areas for improvement and develop recommendations to ensure a high-quality product and user experience.

maizex® Corn Hybrids

Maizex focuses product development in seed corn in two primary areas: (1) grain corn and (2) Ration MZ silage corn.

MZ Hybrids

Grain corn

Maizex grain corn hybrids are proven performers in maturities across Canada, combining outstanding yield potential and agronomic performance. To provide flexibility to meet your needs, we offer a full range of options from conventional to multiple trait modes of action to protect and enhance your yield potential.

To provide additional hybrid insight, our grain corn research includes field variability and intensive management studies to help determine how best to place Maizex hybrids in your fields, based on your soil, management system, and yield goals.

Ration MZ

Silage and Grazing Corn for Higher Milk and Meat Yields

Maizex is a leader in silage and grazing corn, offering diverse hybrid technologies to meet the specific needs of your ration. This includes a full portfolio of Maizex ***EnergyPlus*** dual-purpose hybrids to drive energy and feed efficiency; ***FeastPlus*** Maizex silage-specific hybrids for enhanced feed palatability, digestibility and full-acre tonnage, and ***FieldPlus*** grazing hybrids to meet winter grazing needs.

Maizex Corn Seed Treatment Options

For most producers, seed treatments are a critical tool in ensuring early-season seedling survival and growth. At Maizex, we recognize that your seed treatment needs depend on the presence of insect and disease pests above threshold levels field by field on your farm. To provide flexibility to meet your field-by-field needs, the following treatment options are available on all Maizex seed corn hybrids:

		SEED TREATMENT OPTIONS		
Corn Seed Treatment Products	**Description**	Insecticide & Fungicide	Fungicide Only	Untreated
Fortenza®	Diamide insecticide with broad-spectrum insect control.	✓		
CruiserMaxx® Corn	Broad-spectrum proven insecticide technology.	✓		
Maxim® Quattro	Broad-spectrum disease control including *Pythium* and *Fusarium*.	✓	✓	
Stamina® Corn Fungicide Seed Treatment	Enhances plant health, disease control, and cold tolerance.	✓	✓	
Lumiante™ FUNGICIDE SEED TREATMENT	Additional excellent control of *Pythium* species for plant health and yield potential.	✓	✓	

Maizex *EnergyPlus* Dual-Purpose Silage Corn

MZ/MS Hybrids

Provides greater flexibility for your ration. Targets higher plant populations for increased yield benefits. Features include:

- Increased harvest flexibility for silage, high moisture, or grain corn.
- Potential for higher total starch content and more energy-dense ration when compared to our *FeastPlus* hybrids.
- Stronger stalks that improve standability for harvest.
- A focus on selecting tall and robust hybrids that have high grain yield and are 100–200 CHU longer in maturity than normal grain hybrids for the area.
- Approximately 50% of the dry matter in silage comes from the grain content.

Maizex *FeastPlus* Silage-Specific Leafy Hybrids

LF/LFG/MS Hybrids

Provides high-end silage yields with maximum starch availability. Plant at medium to lower populations according to hybrid-specific recommendations. Features include:

- Extra leaves above the ear to add tonnage and sugar content for better fermentation in the silo.
- The stalk above the ear is more flexible and digestible. Silage-focused leafy hybrids have a lower ear position and more plant above the ear to improve fibre digestibility.
- Slower grain and plant dry-down for a wider harvest window to boost feed security and quality.
- Leafy-floury hybrids combine effective fibre with highly available starch.

Maizex *FieldPlus* Grazing Hybrids

LF/MZ/MS Hybrids

Provides an excellent source of high-energy digestible feed to extend your grazing season, and for many are a key part of an integrated winter-feeding strategy. Key points to consider:

- Excellent feed source for winter rations that provides highly digestible energy from fully-developed ears and plant stalks.
- Use grazing corn as part of an integrated grazing system as an excellent way to reduce your feed costs per cow per day, keeping the following points in mind:
  - Select hybrid maturity with the goal of having kernels at roughly 65% moisture (similar to silage corn harvest) or 35-50% of milk line at time of average killing frost.
  - Ensure access to clean water supply, and supplement your ration with minerals based on your feed analysis and a salt source to ensure animal health and efficient weight gain.
  - Good weed control is paramount to ensuring feed yield, quality, and consistency across your field.

did you KNOW?

- We produce and process our seed corn in Southwestern Ontario in one of the premier seed corn production areas anywhere in the world – especially for early day maturities. The climate in this area is moderated by the Great Lakes, providing stable temperature and moisture patterns. In hybrid seed corn, the male inbred line is only used as a pollen source. Maizex typically uses a 4 and 1 planting pattern, meaning 1 row of male corn planted between 4 rows of female. The female plant is detasseled, meaning mechanical or human removal of the tassel from the plant so the male plant is the sole source of pollen. The male rows are destroyed after pollination and long before seed harvest, leaving the female plant as our seed source.

- Seed quality starts with our seed field location and isolation strategy. Seed fields in preferred production areas need to be planted a minimum of 660' (165m) away from grain corn, sweet corn or seed corn fields planted to different inbred lines. This planned isolation reduces the risk of cross-pollination from unwanted sources to produce a consistent, homogenous seed source. Isolation planning requires our seed growers to be in constant contact with their neighbours through the winter to ensure crop rotations match at planting.

Maizex Corn Trait Technologies

Maizex delivers traits to meet the needs of our customers based on weed and insect spectrums experienced in regions across Canada.

Traits	Features	Positioning
SmartStax RIB COMPLETE	Most advanced hybrid stack on the market today with above- and below-ground insect protection.	First choice for yield performance, especially on corn-on-corn acres.*
VT DoublePRO RIB COMPLETE	Dual modes of action for above-ground insects.	Rotated ground and second-year corn as part of an integrated rootworm strategy.
Agrisure Duracade 5122 E-Z Refuge	Outstanding rootworm control based on unique protein-binding action in the rootworm gut.	Excellent choice for yield performance and corn rootworm control, including corn-on-corn situations.*
Roundup Ready 2 CORN	Combines yield with Roundup Ready® weed control flexibility.	Rotated ground with no insect pressure.
Agrisure GT	Combines yield with glyphosate tolerance.	Rotated ground with no insect pressure.
CONV	Selected for yield potential and natural plant health.	Ideal for non-GMO opportunities.

SeedRight

Mother Nature rarely produces the exact same seed size year in and year out in a seed corn crop. With the investment made today in precision planting systems, Maizex understands the need to fine-tune planters to deliver the best singulation and uniformity possible. With Maizex SeedRight, we test your hybrids and seed sizes to recommend air pressure or brush settings to achieve the best singulation for the seed grade you are planting.

	PROTECTION AGAINST						
	Corn Borer	Corn Earworm	Cutworm	Corn Rootworm	Western Bean Cutworm	Herbicide Tolerances	Refuge
	✓	✓	✓	✓		Roundup Ready® LibertyLink®	5% RIB
	✓	✓	✓			Roundup Ready®	5% RIB
	✓	✓	✓	✓		Glyphosate Tolerant	5% E-Z Refuge®
						Roundup Ready®	
						Glyphosate Tolerant	

*Talk to your Maizex Seeds dealer about resistance-management strategies for corn rootworm traits.

Grain Corn Hybrids

CHU 2050-2250

Hybrid	CHU	RM	CHU to 50% Silk	Silking RM	Characteristics	Companions
MZ 1200DBR	2050	72	1277	73	› One of the earliest VT2P in Canada › Excellent seedling vigour for early stand establishment › Strong test weight and grain quality	O = MZ 1340DBR D = E44H12 R
E44H12 R	2100	74	1302	74	› Excellent grain quality and test weight › Excellent stalks and roots › Stable across environments	O = MZ 1340DBR D = MZ 1200DBR
MZ 1340DBR	2150	73	1250	73	› Ultra-early flowering › Excellent grain quality and test weight › Open husk aids grain drydown	O = MZ 1544DBR D = MZ 1688DBR
MZ 154	2250	75	1301	75	› Rapid grain drydown › Strong stalks facilitate harvest ease › Strong disease package	D = E50K45
MZ 1544DBR	2250	75	1301	75	› Excellent disease package promotes yield › Strong agronomics for harvest ease › Versatile placement north and south of zone	O = E49K32 R D = MZ 1688DBR

did you KNOW?

- Maizex seed corn hybrids are tested for multiple years in small plot and strip trials before being sold to our customers. This testing confirms plant characteristics, behaviour in different soil types, and yield potential in different environments. For instance, a 2900 CHU hybrid would be tested at multiple locations across Ontario and Quebec, while a 2300 CHU hybrid might be tested at multiple locations across Alberta, Manitoba, Quebec, and the Maritimes.

Nomenclature

MZ/LF/MS/LFG Prefix Hybrids

MATURITY* — TRAIT

AA 1234AAA

MZ* = MAIZEX Grain Hybrid
LF, MS = MAIZEX Silage Hybrid
LFG = MAIZEX Silage Hybrid with Floury Gene

*Add 60 to the first two numbers for days to maturity.

E Prefix Hybrids

MATURITY* — TRAIT

E 50P52R

*Add 30 to the first two numbers for days to maturity.

Positioning	Management: Response to Intensive Management Score (0-10)	Management: Geography	Management: Final Seeding Population	Plant Characteristics: Seedling Vigour	Plant Characteristics: Plant Height	Plant Characteristics: # Kernel Rows	Plant Characteristics: Stalk Strength	Plant Characteristics: Plant Health	Plant Characteristics: Grain Drydown	Plant Characteristics: Test Weight	Plant Disease Characteristics: NCLB	Plant Disease Characteristics: ANTH	Plant Disease Characteristics: GOSS's
› Responds to increased population › Ideal for dual-purpose option	4	Moves north of zone	32-34	9	M	12-14	8	8	9	9	8	7	UR
› Below-average response to increased population › Average response to intensive management › Excellent dual-purpose option	5	Moves north of zone	34-36	9	M	14-16	9	8	8	9	8	7	5
› Above-average response to increased population › Above-average response to intensive management › Position for timely harvest	7	Moves north of zone	34-36	9	M-S	12-14	7	8	8	9	6	7	5
› Below-average response to intensive management › Excellent stability across environments	2	Moves north and south of zone	32-34	8	M-S	14-16	9	9	8	8	8	7	7
› Below-average response to intensive management › Excellent stability across environments	2	Moves north and south of zone	32-34	8	M-S	14-16	9	9	8	8	8	7	7

SMX or LR

SmartStax® RIB Complete® Corn with 5% refuge in the bag. Corn Rootworm, Corn Earworm and European Corn Borer resistant, Black Cutworm suppression; glyphosate and glufosinate tolerant.

DBR or E hybrid ending in 2R

VT Double PRO® RIB Complete® Corn with 5% refuge in the bag. European Corn Borer and Corn Earworm resistant; glyphosate tolerant.

E hybrid ending in 7R

Glyphosate tolerant.

DUR

Two modes of action for season-long corn rootworm and corn borer control.

Characteristics Legend

Here is how to read our ratings. We rate from 1-9: 1 = Very Poor, **9** = Excellent

Plant Height: S = Short, **M** = Medium, **T** = Tall

Plant Disease Characteristics: 1 = Poor, **9** = Excellent

UR = Unrated

Response to Intensive Management:
Intensive Management implies additional plant population (i.e. + 5,000 PPA), nitrogen (i.e. + 50 lbs N/acre) and with fungicide applications at VT (Tassel Stage); this was generally compared to a Standard Management package that had inputs in the range of 30 - 32,000 plants per acre, 135-170 lbs of N/acre and no foliar fungicide applications.

Response to Intensive Management: UR = Unrated **0** = No Response **10** = Very Large Response

Geography:
Provides positioning if moving from stated maturity range.
North of zone denotes moving to earlier maturity area so has characteristics such as early flowering.
South of zone denotes moving to later maturity area with characteristics such as good standability if pushed later.

Final Seeding Population: Population in '000 ppa that is the ideal target for this hybrid.
Where conditions are less favourable, move to the lower range of the population recommendations.

Disease Ratings: NCLB - Rating for Northern Corn Leaf Blight **ANTH** - Rating for Anthracnose

Companions: O = companion hybrid with offensive traits **D** = companion hybrid with defensive traits

Grain Corn Hybrids

CHU 2300-2550

Hybrid	CHU	RM	CHU to 50% Silk	Silking RM	Characteristics	Companions
MZ 1688DBR	2300	76	1323	77	› Rapid grain drydown › Industry-leading plant health › Extended stay-green for added yield	O = E49K32 R D = MZ 1544DBR
E49K32 R	2300	79	1335	78	› Impressive late-season plant health › Industry-leading yield › Strong agronomics	O = MZ 1688DBR D = E52V92 R
NEW MZ 2266DBR	2450	82	1353	79	› Strong agronomics with top-end yield › Early flowering hybrid with open husks aiding drydown › Excellent grain quality with high test weight	O = E49K32R D = E52V92 R
E52V92 R	2450	82	1374	80	› Excellent grain quality and test weight › Outstanding agronomics › Early flowering	O = E49K32 R O = E53G52 R
E52V97 R	2450	82	1374	80	› Excellent grain quality and test weight › Outstanding agronomics › Early flowering	O = E49K32 R O = E53G52 R
E53G52 R	2550	83	1486	85	› Top-end yield potential › Consistent performance across environments › Superior standability	O = E49K32R D = MZ 2452DUR
MZ 248X	2550	84	1515	86	› Reliable performance › Impressive stalk strength › High kernel mass	O = MZ 305X
MZ 2452DUR	2550	84	1470	84	› Blocky ears with great grain quality › Position on corn-after-corn fields › Impressive seedling vigour for stand establishment	O = MZ 2699DBR D = E52V92 R

	Management			Plant Characteristics							Plant Disease Characteristics		
Positioning	Response to Intensive Management Score (0-10)	Geography	Final Seeding Population	Seedling Vigour	Plant Height	# Kernel Rows	Stalk Strength	Plant Health	Grain Drydown	Test Weight	NCLB	ANTH	GOSS's
› Average response to fungicide › Above-average response to population › Excellent dual-purpose option	5	Moves north and south of zone	34-36	9	T	16-18	9	9	8	8	8	7	8
› Moderate response to population › Favourable response to fungicide and additional nitrogen › Excels in high-yield environments	8	Moves south of zone	32-34	8	M	16-18	9	8	8	8	8	UR	8
› Responds to increased population	UR	Moves north of zone	34-36	9	M	14-16	8	8	8	9	UR	UR	6
› Above-average response to population › Excels in variable soils › Excellent dual-purpose option	7	Moves north of zone	34-36	8	T	14-16	9	8	8	9	8	6	7
› Above-average response to population › Excels in variable soils › Excellent dual-purpose option	7	Moves north of zone	32-36	8	T	14-16	9	8	8	9	8	6	7
› Average response to intensive management › Excels in high-yield environments › Ideal for delayed harvest	5	Moves south of zone	32-34	9	M-T	16-18	9	8	9	9	9	UR	6
› Favourable response to fungicide › Less response to increased population › Ideal for delayed harvest	6	Moves south of zone	30-32	8	T	16-18	9	8	8	7	7	7	8
› Above-average response to intensive management › Position for early harvest › Excels in variable-yield environments	7	Moves north of zone	32-34	9	M-T	18-20	8	8	9	8	8	7	8

Performance in the Field. Performance from your Feed.

maizex® Ration MZ Silage Corn Hybrids

CHU 1900-2150 – *EnergyPlus Silage*

Hybrid	Silage CHU	Silage RM	Silage CHU Position	CHU 50% Silk	Grain CHU	Grain RM	Characteristics
MZ 1200DBR	1900	69	>1900	1277	2050	72	› Early flowering allows movement north › Aggressive seedling vigour
E44H12 R	1950	71	>1950	1302	2100	74	› Rapid grain set for early geography › Increased starch quantity
MZ 1340DBR	1975	71	>2000	1250	2150	73	› Increased starch quantity › Early flowering allows movement north
MZ 1482R	2050	71	>2000	1382	2300	74	› Strong agronomics promote yield › Large, wide leaves for increased tonnage
MZ 1544DBR	2100	72	>2100	1301	2250	75	› Soft kernel density › Strong disease package protects feed quality
E49K32 R	2150	75	>2150	1335	2300	79	› Large, robust plant type › Increased starch quantity for maximum energy

did you KNOW?

- Maizex does comprehensive testing each year on potential corn silage hybrids in different maturities across the country. Beyond yield, our focus on silage quality covers protein, starch content, starch digestibility and fibre digestibility through comprehensive sample analysis. Ask your Maizex Seeds dealer for more information on hybrid testing in your maturity range.

Nomenclature

See the Grain Corn nomenclature for prefix information, which is identical in our Ration MZ silage hybrids.

SMX or E hybrid ending in LR

SmartStax® RIB Complete® Corn with 5% Refuge in the bag. Corn Rootworm, Corn Earworm and European Corn Borer resistant, Black Cutworm; glyphosate and glufosinate tolerant.

DBR or E hybrid ending in 2R

VT Double PRO® RIB Complete® Corn with 5% Refuge in the bag. European Corn Borer and Corn Earworm resistant; glyphosate tolerant.

E hybrid ending in 7R

Glyphosate tolerant.

DUR

Two modes of action for season-long corn rootworm and corn borer control.

Whether you are feeding for milk or for meat, every producer has a formula for success from the bunk or silo. Ration MZ encompasses the complete Maizex Portfolio of silage-specific and multi-purpose hybrids.

EnergyPlus Silage: multi-purpose hybrids produce high energy levels with the flexibility to use for silage, high moisture, or grain corn.

FeastPlus Silage: silage-specific hybrids by comparison have been developed for their increased palatability, digestibility, and high-tonnage yield.

	Management					Plant Characteristics					
Characteristics	Final Population	Position	Tonnage	Digestibility	Response to Fungicide	Seedling Vigour	Plant Height	Kernel Texture	Starch Amount	Early Starch Availability at Harvest	Plant Disease Rating
› Rapid starch accumulation	34-36	R	7	7	8	8	M	M	9	8	7
› Tolerates cold climate well	34-36	R	7	7	8	9	M-T	M	9	8	7
› Dependable tonnage	32-36	R	7	7	9	9	M	M	9	8	7
› Impressive ear with increased starch availability	32-34	R	7	7	8	9	M	VS	9	8	7
› Ideal for high starch rations	32-34	R	7	7	8	9	T	S	9	8	8
› Early maturity allows movement north of zone	32-34	R	8	8	8	9	M-T	S	9	8	7

Characteristics Legend

Here is how to read our ratings. We rate 1-9.
1 = Very Poor, **9** = Excellent

Position (Best Fit in Crop Rotation):
R = Rotated Corn Acres, **C** = Continuous Corn Acres

Plant Height: S = Short, **M** = Medium, **T** = Tall

Kernel Texture: VS = Very Soft, **S** = Soft, **M** = Medium, **H** = Hard

Starch Amount: 1 = Low, **9** = High

Early Starch Availability: 1 = least readily available
9 = most readily available

Plant Disease Rating: 1 = Poor, **9** = Excellent

Silage CHU and RM are based on the appropriate maturity zones for growing the hybrid to silage maturity.

Herbicide Sensitivity Caution: Avoid post-emergent application of Group 27 & 28 herbicides (ex. Converge®, Callisto®, Impact™) on Leafy Silage hybrids. Leafy hybrids have shown increased injury after post-emergent application of Group 27 & 28 herbicides in comparison to other hybrids.

maizex® Ration MZ Silage Corn Hybrids

CHU 2300-2950 – *EnergyPlus Silage*

Hybrid	Silage CHU	Silage RM	Silage CHU Position	CHU 50% Silk	Grain CHU	Grain RM	Characteristics
E52V92 R	2300	77	>2300	1374	2450	82	› Early grain-set reduces risk north of zone › High starch content
E52V97 R	2300	77	>2300	1374	2450	82	› Early grain-set reduces risk north of zone › High starch content
MZ 2452DUR	2400	80	>2400	1470	2550	84	› Wider window for optimum harvest › Impressive plant stature
MZ 248X	2400	81	>2400	1515	2550	84	› Excellent stay-green for flexible harvest › Robust plant type increases yield
E55T37 R	2450	82	>2450	1488	2600	85	› Aggressive seedling vigour for rapid canopy closure › Excellent standability
MZ 2699DBR	2450	83	>2450	1515	2600	86	› Early grain-set reduces risk north of zone › Rapid canopy establishment
MZ 2812SMX	2550	85	>2500	1589	2700	88	› Excellent plant health for flexible harvest › Adapted to elevated populations
MZ 3397SMX	2625	89	>2600	1622	2775	93	› Leading plant health maximizes quality › Position on corn-after-corn fields
E65G82 R	2650	90	>2650	1601	2800	94	› Industry-leading silage performance › Early flowering allows northern adaptation
MZ 4049SMX	2850	97	>2850	1685	2975	100	› Maturity-leading yield potential › Allows flexible field positioning
MZ 4158DBR	2950	98	>2950	1698	3100	101	› Top-end starch quantity › Responds to intensive management

Characteristics	Final Population	Position	Management: Tonnage	Management: Digestibility	Management: Response to Fungicide	Plant Characteristics: Seedling Vigour	Plant Characteristics: Plant Height	Plant Characteristics: Kernel Texture	Plant Characteristics: Starch Amount	Plant Characteristics: Early Starch Availability at Harvest	Plant Characteristics: Plant Disease Rating
› Outstanding agronomics	32-36	R	8	7	7	8	M-T	M	9	8	9
› Outstanding agronomics	32-36	R	8	7	7	8	M-T	M	9	8	9
› Large ears enhance starch quantity	30-32	C	8	8	8	9	T	M	8	8	8
› Blocky ears promote starch quantity	30-32	R	8	7	8	8	M	S	8	8	7
› Enhanced stay-green allows flexible harvest	32-34	R	8	7	8	9	T	M	9	8	8
› Large ears promote higher starch values	32-34	R	9	8	6	9	M-T	M	9	8	8
› Position on corn-after-corn fields	34-36	C	8	7	7	8	M-T	M	9	8	9
› Large ears enhance starch quantity	34-36	C	9	7	8	9	M-T	M	9	8	8
› Excellent spring vigour	32-34	R	9	7	9	9	M-T	M	9	8	7
› Leading milk per acre values	28-36	C	9	8	9	9	T	M	9	8	7
› Impressive plant health for enhanced yield	34-36	R	9	7	9	9	T	S	9	8	9

maizex® Ration MZ Silage Corn Hybrids

CHU 1900-2250 – *FeastPlus Silage*

Hybrid	Silage CHU	Silage RM	Silage CHU Position	CHU 50% Silk	Grain CHU	Grain RM	Characteristics
Roundup Ready 2 CORN	***NEW*** **MS 6960R**	**1900**	69	>2100	1325	2050	72	› Rapid grain setup for maturity › Solid agronomics promote yield
Roundup Ready 2 CORN	**MS 7420R**	**2200**	74	>2150	1345	2300	77	› Increased starch availability › Aggressive seedling vigour
CONV	***NEW*** **MS 752**	**2250**	75	>2300	1298	2450	78	› Strong stalks allow additional grazing days › Early flowering allows northern adaptation
Roundup Ready 2 CORN	**MS 8022R**	**2250**	75	>2200	1298	2400	78	› Industry-leading early season vigour › Rapid grain set for early geography

did you KNOW?

- Reduced tillage and no-till farming are primary tools farmers can use to manage soil and water erosion. This would not be possible without herbicides and seed treatments made from organic sources. Without these tools, farmers would need to rely more heavily on extensive tillage to ensure a safe, harvestable crop, thereby compromising soil and water quality.

Characteristics	Final Population	Position	Tonnage	Digestibility	Response to Fungicide	Seedling Vigour	Plant Height	Kernel Texture	Starch Amount	Early Starch Availability at Harvest	Plant Disease Rating
			Management			Plant Characteristics					
› Early grain-set reduces risk north of zone	28-32	R	7	7	8	8	M	S	8	8	7
› White cobs for more palatable silage	28-32	R	8	8	8	9	T	S	8	8	7
› Impressive stay-green optimizes feed quality	32-34	R	9	8	8	9	T	M	8	8	8
› Large harvest window	32-34	R	9	8	8	9	VT	M	8	8	8

maizex® Ration MZ Silage Corn Hybrids

CHU 2300-2900 – *FeastPlus Silage*

Hybrid	Silage CHU	Silage RM	Silage CHU Position	CHU 50% Silk	Grain CHU	Grain RM	Characteristics
LF 728R	2300	74	>2200	1319	2500	83	› Standard to silage and grazing corn › White cobs for more palatable silage
MS 7733DBR	2350	77	>2300	1337	2500	81	› Above-ground insect protection › Early flower allows northern movement
MS 8270R	2450	82	>2450	1370	2600	85	› Strong agronomics › Extended stay-green preserves silage quality
MS 8632R	2550	86	>2550	1530	2700	90	› Adapted for northern movement › Impressive tonnage
LF 9066SMX	2600	87	>2600	1610	2750	91	› Large, robust stature for maturity › Adapted for movement north
LFG 875	2750	92	>2700	1614	2900	97	› Floury gene for early starch availability at harvest › Industry-leading tonnage
LFG 8755R	2750	91	>2700	1614	2900	97	› Floury gene for early starch availability at harvest › Industry-leading tonnage
LF 8890SMX	2800	94	>2750	1637	2950	99	› Proven genetics for yield stability › Extended harvest window
LFG 9701R	2900	97	>2900	1690	3050	101	› Floury gene for early starch availability at harvest › Unmatched yield potential

Characteristics	Final Population	Position	Management: Tonnage	Management: Digestibility	Management: Response to Fungicide	Plant Characteristics: Seedling Vigour	Plant Characteristics: Plant Height	Plant Characteristics: Kernel Texture	Plant Characteristics: Starch Amount	Plant Characteristics: Early Starch Availability at Harvest	Plant Characteristics: Plant Disease Rating
› Rapid grain setup for maturity	28-30	R	8	8	8	9	M-T	M	8	8	7
› Increased starch availability	28-30	R	8	8	8	9	M-T	M	8	8	7
› Tall, robust plant type	30-32	R	8	8	8	9	T	M	8	8	7
› Attractive plant type	30-32	R	9	8	8	9	M-T	M	8	8	7
› Enhanced trait package	28-32	C	8	8	8	8	T	M	8	8	8
› Very good seedling vigour	27-30	R	9	9	9	8	VT	VS	7	9	5
› Very good seedling vigour	27-30	R	9	9	9	8	VT	VS	8	9	5
› Large, robust plant type	28-32	C	8	8	8	8	T	M	8	8	8
› White cob for increased digestibility	28-32	R	9	9	9	8	VT	VS	7	9	7

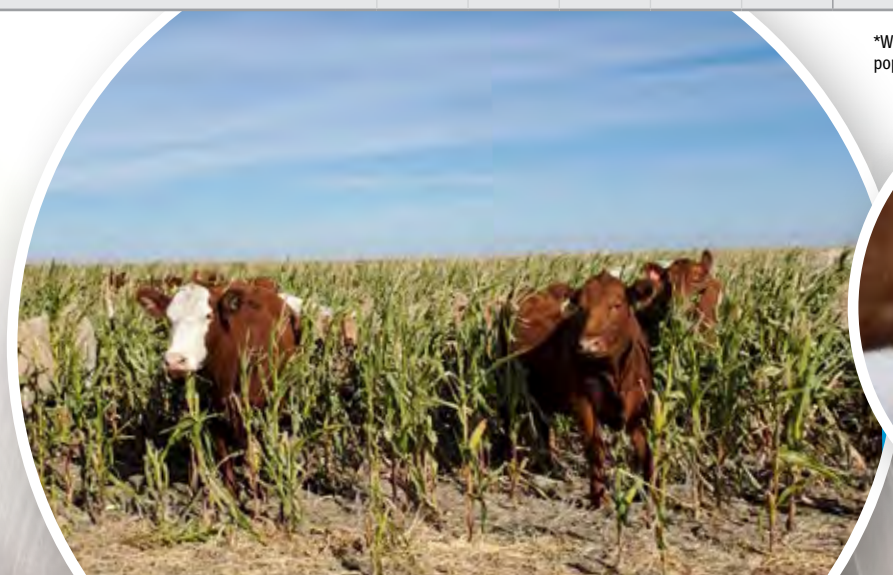
maizex® Ration MZ Grazing Corn Hybrids

CHU 1900-2300 – *FieldPlus Grazing*

Hybrid	Silage CHU	Silage RM	Silage CHU Position	CHU 50% Silk	Grain CHU	Grain RM	Characteristics
MZ 1200DBR	1900	69	>1900	1277	2050	72	› Early flowering allows movement north › Aggressive seedling vigour for canopy establishment
NEW MS 6960R	2000	69	>2100	1325	2100	72	› Rapid grain setup for maturity › Solid agronomics promotes yield
MZ 1482R	2050	71	>2000	1382	2300	74	› Excellent standability in wind and snow › Large, wide leaves promote increased grazing days
MS 7420R	2200	74	>2100	1345	2300	77	› Balance of energy and digestibility for cows › Moderate stature allows easier grazing
MS 8022R	2250	75	>2300	1298	2450	78	› Strong stalks allow additional grazing days › Early flowering allows northern adaptation
LF 728R	2300	76	>2200	1319	2500	83	› Industry standard for grazing › Rapid grain-set for early geography

	Management					Plant Characteristics					
Characteristics	Final Population*	Position	Tonnage	Digestibility	Response to Fungicide	Seedling Vigour	Plant Height	Kernel Texture	Starch Amount	Early Starch Availability at Harvest	Plant Disease Rating
› Excellent stalk strength to maximize grazing days	34-36	R	7	7	8	8	M	M	9	8	7
› Early grain-set reduces risk north of zone	28-32	R	7	7	8	8	M	S	8	8	7
› Rapid spring vigour for stand establishment	32-34	R	7	7	8	9	M	VS	8	8	7
› Good husk cover to maintain feed value	28-32	R	8	8	8	9	T	S	8	8	7
› Impressive stay-green optimizes feed quality	32-34	R	9	8	8	9	T	M	8	8	8
› Aggressive seedling vigour	28-30	R	8	8	8	9	M-T	M	8	8	7

*Where conditions are less favourable, move to the lower range of the population recommendations.



maizex®

Your Field. Your Farm. Your Yield.

Soybean Varieties

Outstanding Yield and Flexibility

New for 2023, all of our soybean varieties will now be branded as Maizex for Western Canada. Maizex brand soybean varieties combine stellar yield potential with a range of in-seed or seed-applied technologies to provide True Performance on your farm. Maizex varieties are selected based on extensive testing across Canada to determine not only the best varieties for our customers, but also and most importantly, how best to position them for your success. Maizex soybeans are built for success and based on the legacy of our Elite brand development program.

Maizex Soybean Trait Technologies

Maizex soybean trait platforms provide flexibility to meet your operational needs ranging from conventional IP varieties to multi-herbicide tolerant varieties that provide weed control flexibility, especially where glyphosate tolerant and emerging weed threats are an issue.

			HERBICIDE TOLERANCE	
Traits	**Features**	**Positioning**	Glyphosate (RR)	Dicamba
ROUNDUP READY 2 XTEND SOYBEANS	Benefits of glyphosate and new lower-volatility formulations of dicamba, such as Xtendimax® herbicide. Outstanding weed control including glyphosate-tolerant weeds such as Canada fleabane.	Position dicamba applications for pre-plant or early post to maximize weed control.	✓	✓

Maizex Soybean Seed Treatment Options

Seed treatments can be a critical tool to ensure emergence and early season plant health in soybeans. At Maizex Seeds we recognize that your seed treatment needs depend on the presence of insect and disease pests above threshold levels field-by-field on your farm. To provide the flexibility necessary to meet these needs, the following treatment options are available on all Maizex soybean varieties:

		SEED TREATMENT OPTIONS		
Soybean Seed Treatments	**Description**	Insecticide, Fungicide & Pre-inoculated	Fungicide & Pre-inoculated	Fungicide Only
LALFIX PROYIELD LIQUID SOYBEAN	Combines unique strain of Rhyzobium with unique biological for plant health and nutrient uptake. Promotes aggressive nodulation and uptake of nutrients.	✓	✓	✓
CruiserMaxx® Vibrance® Beans	Proven broad-spectrum insect protection.	✓		
Vayantis® IV	Vayantis® IV foundation soybean seed treatment protects your seed investment against a broad spectrum of diseases, including *Phytophthora* and *Pythium*.	✓	✓	✓

maizex® Soybeans

	Variety	CHU	RM	Characteristics	
ROUNDUP READY 2 XTEND SOYBEANS	***NEW*** **WOLF R2X**	**2200**	000.7	› Impressive phytophthora tolerance › Great IDC tolerance	› High first pod for ease of harvest
ROUNDUP READY 2 XTEND SOYBEANS	**PIKAS R2X**	**2300**	000.9	› Strong IDC tolerance › Excellent disease package	› Tall bean for maturity
ROUNDUP READY 2 XTEND SOYBEANS	**BADGER R2X**	**2425**	00.6	› Strong yield performance › Excellent IDC tolerance	› Taller bean with good standability
ROUNDUP READY 2 XTEND SOYBEANS	***NEW*** **JAGUAR R2X**	**2475**	00.8	› Excellent seedling vigour › Strong yield potential	› Good first pod height for easy harvest

did you KNOW?

- Maizex plants thousands of soybean plots every year to test for agronomic characteristics including disease tolerance. This includes the use of disease nurseries to test for white mould and the use of known infected locations to test for diseases such as Sudden Death Syndrome. In Manitoba, we test for key diseases and deficiencies, most notably iron chlorosis.
- It can take up to nine years or more for a soybean variety to move from initial crossing to commercial sales. It takes this time to not only select for yield and quality from a few plants in a plot to backcrossing, but to ensure a pure seed supply to produce certified seed for sale to our customers.

Characteristics Legend

Here is how to read our ratings. We rate 1-9.
1 = Very Poor, **9** = Excellent

SCN: Soybean Cyst Nematode rating: **S** = Susceptible, **PI88788, Peking** = Resistant

***Phytophthora* resistance gene: U** = Unidentified gene

***Phytophthora* Field Tolerance:**
BA = Below Average, **A** = Average, **AA** = Above Average

White Mould: BA = Below Average, **A** = Average, **AA** = Above Average, **E** = Excellent, **UR** = Unrated

SDS: UR = Unrated, **BA** = Below Average, **A** = Average, **AA** = Above Average, **E** = Excellent

Plant Height: S = Short, **M** = Medium, **T** = Tall, **VT** = Very Tall

Canopy: SB = Semi-bush, **N** = Narrow, **B** = Branched

Wide Row Adaptability:
Denotes yield and agronomic factors if planted in wide rows, such as: 30"
BA = Below Average, **A** = Average, **AA** = Above Average

Pubescence/pod/flower/hilum colours:

P = purple, **W** = white, **BL** = black, **B** = brown, **LB** = light brown, **Y** = yellow, **BU** = buff, **G** = grey, **T** = tawny, **LT** = light tawny, **TG** = tawny grey
(an **"i"** indicates imperfect hilum colour while a **"p"** indicates a pale variant of hilum colour)

Seeding Specification

SCN	*Phytophthora* Resistance Gene	*Phytophthora* Field Tolerance	White Mould	SDS	Seedling Vigour	Standability	Plant Height	Canopy	Wide Row Adaptability	Pubescence/Pod Colour	Flower/Hilum Colour	Average Seed Size (Bean/Lb of Seed)
PI88788	Rps3a	AA	AA	ST	8	8	MT	SB	AA	G/B	P/BL	2792
PI88788	Rps1c	A	AA	T	8	7	T	SB	AA	T/B	P/BL	2925
S	Rps1k	AA	A	T	7	8	MT	SB	AA	T/B	P/BL	2462
S	Rps1c	A	AA	ST	9	8	MT	SB	AA	B/B	P/BL	2800

Seed containing a patented trait can only be used to plant a single commercial crop from which seed cannot be saved and replanted. Examples of seed containing a patented trait include but are not limited to Roundup Ready 2 Yield® soybeans, Roundup Ready 2 Xtend® soybeans, and XtendFlex® soybeans. Patents for Bayer technologies specifically can be found at the following webpage: http://www.monsantotechnology.com

The Importance of Agriculture to *Everyday Life*

As farmers, we have an unbelievable story to tell about how we are producing the most nutritious, safest, and lowest cost food supply in the history of mankind. Our success on the farm has allowed our entire population to have a longer average lifespan with the highest standard of living on the planet.

Sharing our experience as farmers is critical. Today, people are asking questions not only about our food safety but also food security. This is understandable. What we underestimate is the high level of credibility farmers have with the general public. It is important for us to communicate what we do, and why, on the farm and how it allows us to provide nutrition to our society, even through difficult times.

People want to learn. The first rule to remember when talking with someone from outside your normal circle of engagement is to find common ground, such as talking about the weather, family, or shared values. From there, your conversation can be as simple as sharing your knowledge. Modern agriculture is not easy to explain, but it is easy to convey why you use the products you do to produce a healthy and high-yielding crop. Show your passion about farming and share how we need to continue to access modern agriculture tools in order to supply a safe, affordable, and sustainable food supply going forward, not only for Canadians, but also for our global community.

To provide support for your efforts, Maizex Seeds launched Be Rooted, Be Involved. This initiative provides information on the technologies we use in agriculture today, the role they play in the security of our food supply and how important they are in preserving the environment for future generations. Be Rooted, Be Involved information can be found at maizex.com

Be Rooted
Be Involved

did you KNOW?

- Seed treatments are used in corn to protect the seed and seedling from soil-borne insects or diseases. Using a seed treatment reduces pesticide use by as much as 99%. This is because only the seed is treated; a combined area of only 2.3m²/ha (25 ft²/acre) when compared to broadcast applications covering 10,000M² (43,560 ft²/acre).

- Farmers only use the technologies they need. Companies like Maizex offer different combinations of seed treatments or traits for example, to ensure that farmers only use the technologies necessary to ensure a safe, harvestable crop.

Success – a purchase of Certified Seed opens the door to opportunities for success:

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

Before opening a bag of seed, be sure to read and understand the stewardship requirements, including applicable refuge requirements for insect resistance management, for the biotechnology traits expressed in the seed set forth in the technology agreement that you sign. By opening and using a bag of seed, you are reaffirming your obligation to comply with those stewardship requirements.

Protecting Pollinators:

If you use a seed flow lubricant when planting treated seed, PMRA requires the use of Bayer CropScience's Fluency Agent to reduce dust on insecticide treated seed. Carefully follow use directions for this product.*

* Not all planter types require seed flow lubricants; check with your Maizex Seeds representative for more information.

Best Management Practices

- Control flowering weeds in the field prior to planting so that bees are not attracted to the field for foraging.
- Provide pollinator-friendly habitats away from active fields.
- Be aware of hive locations and monitor environmental conditions.
- Avoid generating dust when handling or loading treated seed.
- Ensure proper cleanup and disposal.
- Speak to your equipment dealer or manufacturer about the appropriateness of deflector kits for North American vacuum planters.

For more information on pollinator health and best management practices for seed-applied insecticides, please visit www.croplife.ca

Maizex Seeds is a participant in the CleanFARMS seed bag collection program which is offered in Ontario, Quebec and the Maritimes. This program provides an environmentally friendly way to deliver empty seed bags to certified collection sites to divert this waste from landfills or open fires. To take advantage of the program be sure your seed bags are empty and then placed in the plastic collection bag available from certified collection points. Collection bags are accepted free of charge and sent for safe disposal.

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 violation of federal law to use any pesticide product other than in accordance with its labeling. NOT ALL formulations of dicamba or glyphosate are approved for in-crop use with products with Roundup Ready 2 Xtend® soybeans. 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.

Roundup Ready® 2 Technology contains genes that confer tolerance to glyphosate. Products with XtendFlex® Technology contains genes that confer tolerance to glyphosate, glufosinate and dicamba. Roundup Ready 2 Xtend® soybeans contains genes that confer tolerance to glyphosate and dicamba. Glyphosate will kill crops that are not tolerant to glyphosate**. Dicamba** will kill crops that are not tolerant to dicamba. **Glufosinate** will kill crops that are not tolerant to glufosinate. Contact your Bayer retailer, refer to the Bayer Technology Use Guide, or call the technical support line at 1-800-667-4944 for recommended Roundup Ready® Xtend Crop System weed control programs.

Insect control technology provided by **Vip3A** is utilized under license from Syngenta Crop Protection AG. RIB Complete®, Roundup Ready 2 Xtend®, Roundup Ready 2 Yield®, Roundup Ready®, SmartStax®, Trecepta®, VT Double PRO® and XtendFlex® are registered trademarks of Bayer Group. Used under license. LibertyLink and the Water Droplet Design are trademarks of BASF. Used under license. Agrisure Viptera® is a registered trademark of a Syngenta group company. LibertyLink® and the Water Droplet Design are trademarks of BASF. Used under license. Herculex® is a registered trademark of Dow AgroSciences LLC. Used under license. Bayer CropScience Inc. is a member of CropLife Canada.

Important: Always read and follow label and bag tag instructions; only those labeled as tolerant to glufosinate may be sprayed with glufosinate ammonium based herbicides.

Always read and follow label directions.

Fortenza Maxim Quattro is an on-seed application of Maxim Quattro fungicide seed treatment and Fortenza insecticide seed treatment. Fortenza Vibrance Maxx is an on-seed application of Fortenza insecticide seed treatment and Vibrance Maxx RFC fungicide seed treatment. Agrisure®, Agrisure Duracade®, Agrisure Viptera®, Callisto®, E-Z Refuge®, Fortenza®, Maxim®, Vayantis®, and Vibrance® are trademarks of a Syngenta Group Company.

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FieldView™ is a trademark of The Climate Corporation. The FieldView™ services provide estimates or recommendations based on models. These do not guarantee results. Consult your agronomist, commodities broker and other service professionals before making financial, risk management, and farming decisions. Information and recommendations we provide do not modify your rights under insurance policies purchased through our affiliates. More information at http://www.climate.com/ disclaimers.

Enlist E3™ Soybeans – PRODUCT USE STATEMENT: Enlist E3™ soybeans contain the Enlist E3 trait that provides crop safety for use of labeled over-the-top applications of glyphosate, glufosinate and 2,4-D herbicides featuring Colex-D® technology when applied according to label directions. Following burndown, the only 2,4-D containing herbicide products that may be used with Enlist™ crops are products that feature Colex-D technology and are expressly labeled for use on Enlist crops. 2,4-D products that do not contain Colex-D technology are not authorized for use in conjunction with Enlist E3 soybeans. **WARNING**: Enlist E3 soybeans are tolerant of over-the top applications of glyphosate, glufosinate, and 2,4-D. Accidental application of incompatible herbicides to this variety could result in total crop loss. When using 2,4-D herbicides, grower agrees to only use 2,4-D products that contain Colex-D technology authorized for use in conjunction with Enlist E3 soybeans. Always read and follow herbicide label directions prior to use.

YOU MUST SIGN A TECHNOLOGY AGREEMENT, READ THE PRODUCT USE GUIDE PRIOR TO PLANTING. THIS SEED IS ACQUIRED UNDER AN AGREEMENT THAT INCLUDES THE FOLLOWING TERMS: A license must first be obtained from Corteva Agriscience by signing a Technology Use Agreement and abiding by the terms and conditions of the Product Use Guides for all technologies in this seed, including the Herbicide Resistance Management (HRM), and Use Requirements detailed therein which can be found at www.corteva.ca/en/trait-stewardship.html.

CROP AND GRAIN MARKETING STEWARDSHIP: Corteva Agriscience is a member of Excellence Through Stewardship® (ETS). Corteva Agriscience products are commercialized in accordance with ETS product launch stewardship guidance and Corteva Agriscience's Product Launch Stewardship Policy. No crop or material produced from this product can be exported to, used, processed or sold across boundaries into nations where import is not permitted. Growers should talk to their grain handler or product purchaser to confirm their buying position for this product. For further information about your crop or grain marketing options, contact Corteva Agriscience at 1-800-667-3852. Information regarding the regulatory and market status of agricultural biotechnology products can be found at: www.biotradestatus.com.

These seeds are covered under Corteva Agriscience and M.S. Technologies, L.L.C. Patent Rights which can be found at: www.corteva.us/Resources/trait-stewardship.html. The purchase of these seeds conveys no license under said patents to use these seeds.

PATENT INFORMATION: The transgenic soybean event in the Enlist E3™ soybean is protected under Corteva Agriscience and M.S. Technologies, L.L.C. Patent Rights which can be found at: www.corteva.ca/en/trait-stewardship.html. The purchase of these seeds conveys no license under said patents to use these seeds.

For more information, contact your authorized retailer or Corteva Agriscience at 1-800-667-3852 or visit www.corteva.ca/en/trait-stewardship.html.

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