# PERFORMANCE





# True performance For Your Field, Your Farm.

A company focused solely on providing <u>premier genetics</u> to meet the needs of Canadian corn and soybean farmers. A company owned by farmers like you. A company national in scope but local in the products we offer. A company investing in the future of agriculture. That's Maizex Seeds.

### **Our Canadian Farm Roots Make A Difference**

Our heritage, future, and sole focus as a business is **true** Canadian agriculture. Maizex Seeds is a national joint venture seed company formed through the merger of Maizex Seeds and the Elite corn and soybean seed business of Sollio Agriculture. Our Canadian roots run deep.

Maizex Seeds was founded 36 years ago by Dave and Brenda Baute, farmers in Jeannette's Creek, Ontario. It started with the idea to build a seed company based on innovation in seed corn production and processing. Through innovation and customer-focused product performance, Maizex grew to become the largest independent seed company in Canada. Dave continues to lead the joint venture today, with a team of professionals focused on the needs of Maizex customers.

The Elite brand was introduced in 1996 by La coop féderée, now Sollio Agriculture, as a way to bring a focused product offering to meet the specific needs of coop members and customers across Canada. Sollio Agriculture is a farmer-owned cooperative formed almost a century ago with a legacy of customer service and support, governed to this day by board members who are successful farmers and managers in their own right.

With complementary products and a shared vision of growth through performance and service, these businesses were brought together under the Maizex Seeds banner. To capitalize on the recognition and customer trust in both brands, Maizex Seeds became our national corn seed brand, while Elite is our national soybean seed brand. Combined, the joint venture created a national seed company focused on the performance needs of Canadian farmers from coast to coast, with the scale and scope to meet the changing needs of our customers across the country.

Our theme is **True Performance for Your Field, Your Farm**. We understand that variety selection is the most important decision made by every farmer, every year, and that the growing environment on your farm may be different from those around you. Your yield and product performance matters to us, which is why we are focused on **developing the best genetics** for field-by-field placement and positioning of our products to ensure the best fit and yield potential.

- Maizex doubled its seed corn production capacity in 2019 to meet not only our current needs as a joint venture, but also the needs of our customers into the future. We are proud to produce and sell Canadian-grown seed corn to our customers across the country.
- Planning seed corn production fields is like putting together a jigsaw puzzle. 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 to ensure crop rotations match up.



 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 that 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.

# Investing

To support the success of our customers, we continue to invest in four key areas of our business: product innovation, seed production innovation, agronomy research, and our Maizex team.

### Performance-Focused Product Innovation

Maizex accesses genetics from a worldwide 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 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 in seed corn, for example, are innovative and aimed at minimizing seed handling to deliver best-in-class seed quality. We produce and process our seed corn in Southwestern Ontario in one of the premier seed corn production areas anywhere in the world.

> Our focus is similar in soybeans, where we partner with professional seedsman across the country to deliver topyielding genetics and premier seed quality for your farm.

# in Tomorrow

### Performance-Driven Agronomy Research

To take full advantage of your investment in Maizex Seeds products, we actively invest in agronomic research—both product-specific and in general crop agronomy—to support your production decisions and the needs of precision agriculture into the future. Every year, Maizex conducts extensive research in genetic, nutrient, intensive management, and seed treatments, with the goal of increasing your yield potential in grain and silage corn and soybeans.

Product-specific agronomy focuses on differences between corn hybrids or soybean varieties so that we can better position products to your specific soil types, environments, and end-use needs. General agronomy research is aimed at areas of crop management that are controllable by on-farm management decisions.

Product-Specific Research	Corn	Soybeans
Grain yield	$\checkmark$	
Agronomic features (plant height, emergence vigour, test weight, etc.)	<b>~</b>	<ul> <li>Image: A start of the start of</li></ul>
Population response	$\checkmark$	<b>~</b>
Fungicide application response	<ul> <li>Image: A start of the start of</li></ul>	<ul> <li>Image: A set of the set of the</li></ul>
Nitrogen response	$\checkmark$	
Soil type	$\checkmark$	<ul> <li>Image: A second s</li></ul>
Disease ratings	$\checkmark$	
Silage yield and quality ratings	<b>~</b>	<b>_</b>

### 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

- 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 to determine the best corn hybrids and soybean varieties to bring to the market.
- We utilize traditional and modern practices, including molecular markers and computer modeling in our evaluation process. Our focus is not only yield but, importantly, agronomic characteristics and disease tolerance, with the goal to introduce new products that provide a yield and agronomic advantage.

### did you KNOW?

- Maizex invests significantly on an annual basis in agronomy research plots conducted in regions across the country. Every year, we summarize our agronomy research and publish an annual report with corresponding background, results, and conclusions. To request a copy of our Agronomy Research Summary, email info@maizex.com.
- Maizex uses a comprehensive plot management system that allows us to post harvest results from trials, such as the one shown opposite, through the harvest period on a timely basis so you have the information you need to make informed product decisions.

### **Performance-Driven Team**

Our team at Maizex is driven by our pursuit of product performance on your farm. From product research and seed production and processing through to our sales and marketing team, Maizex staff are focused on ensuring our products and product quality provide you with a yield and performance advantage. We meet on a regular basis to ensure continual improvement to our product and quality offering.

Our Production Guide this year is divided by crop and end use with seed treatment and trait options highlighted in each of the corn and soybean sections. For additional information, visit our website at maizex.com or talk to your local Maizex Seeds dealer.





Maizex focuses its product development in corn in two primary areas: grain corn and our Ration MZ silage corn.

### **Maizex Grain Corn**

### **Performance Based**

Maizex grain corn hybrids are proven performers in maturities across Canada, combining outstanding yield potential and agronomic performance. Our product line features a full range of options from conventional to multiple trait modes of action to protect and enhance your yield potential. Our grain corn research involves field variability and intensive management studies to provide additional measures to best place our hybrids in your fields based on your soil, management system, and yield goals.

### **Maizex RationMZ**

### 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 that feature 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
	Most advanced hybrid stack on market today with above- and below-ground insect protection.	First choice for yield performance, especially on corn-on-corn acres.*
	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.
	Dual modes of action for above-ground insects.	Rotated ground and second-year corn as part of an integrated rootworm strategy.
	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 CORN 2	Combines yield with RR 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 to use as silage, high moisture, or grain corn. Target higher plant populations for increased yield benefits. Features include:

- Potential for higher total starch content and more energy-dense ration when compared to our *FeastPlus* hybrids.
- Stronger stalks that improve standability for harvest.
- Increased harvest flexibility for silage, high moisture, or grain corn.
- 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. Silagefocused leafy hybrids have a lower ear position and more plant above the ear to improve fiber digestibility.
- Slower grain and plant drydown for a wider harvest window to boost feed security and quality.
- Leafy-floury hybrids combine effective fibre with highly available starch.
- For best agronomics, yield, and feed quality, plant at low to medium populations.

		INSECTS CO	ONTROLLED				
Corn Borer	Corn Earworm	Cutworm	Armyworm	Corn Rootworm	Western Bean Cutworm	Herbicide Tolerances	Refuge
<ul> <li>Image: A start of the start of</li></ul>	✓	<ul> <li>Image: A start of the start of</li></ul>	<ul> <li>Image: A start of the start of</li></ul>	<ul> <li>Image: A start of the start of</li></ul>		Roundup Ready <sup>®</sup> LibertyLink <sup>®</sup>	5% RIB
~	~	<ul> <li>Image: A second s</li></ul>	~		~	Roundup® Ready	5% RIB
<ul> <li>Image: A start of the start of</li></ul>	✓	✓	<ul> <li>Image: A start of the start of</li></ul>			Roundup <sup>®</sup> Ready	5% RIB
~	~	<ul> <li>Image: A second s</li></ul>		~		Glyphosate Tolerant	5% E-Z Refuge®
						Roundup <sup>®</sup> Ready	
						Glyphosate Tolerant	



### **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 1	REATMENT OP	TIONS
Corn Seed Treatment Products	Description	Insecticide & Fungicide	Fungicide Only	Untreated
🚺 Fortenza	Diamide insecticide with broad-spectrum insect control.	~		
<b>Maxim<sup>®</sup>Quattro</b>	Broad-spectrum disease control including <i>Pythium</i> and <i>Fusarium</i> .	~	~	
Stamina <sup>®</sup> Corn	Enhances plant health, disease control, and cold tolerance.	~	<ul> <li>Image: A start of the start of</li></ul>	
	Additional excellent control of <i>Pythium</i> species for plant health and yield potential.	~	~	



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 2050-2250

	Hybrid	СНИ	RM	CHU to 50% Silk	Silking RM	Characteristics	Companions
VTDoublepRO RIB	MZ 1200DBR	2050	72	72127773> One of the earliest D > Excellent seedling vi establishment > Strong test weight and		<ul> <li>One of the earliest DBRs in Canada</li> <li>Excellent seedling vigour for early stand establishment</li> <li>Strong test weight and grain quality</li> </ul>	O = MZ 1340DBR D = E46J77 R
VTDoublepRO RIB	E44H12 R	2100	74	1302	74	<ul> <li>Excellent grain quality and test weight</li> <li>Excellent stalks and roots</li> <li>Stable across environments</li> </ul>	O = MZ 1340DBR D = E46J77 R
VTDoublepRO RIB	MZ 1340DBR	2150	73	1250	73	<ul> <li>&gt; Ultra-early flowering</li> <li>&gt; Excellent grain quality and test weight</li> <li>&gt; Open husk aids grain drydown</li> </ul>	O = E44H12 R D = MZ 1624DBR
AgrisureGT	E46J77 R	2150	76	1302	75	<ul> <li>&gt; Rapid grain setup allows movement north</li> <li>&gt; Outstanding grain quality</li> <li>&gt; Strong agronomics</li> </ul>	O = MZ 1340DBR D = MZ 1624DBR
CONV	MZ 154	2250	75	1301	75	<ul> <li>&gt; Rapid grain drydown</li> <li>&gt; Strong stalks facilitate harvest ease</li> <li>&gt; Strong disease package</li> </ul>	



 Maizex seed corn hybrids are tested for up to four 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



MZ<sup>\*</sup> = 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**



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

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	
<ul> <li>Responds to increased population</li> <li>Ideal for dual-purpose option</li> </ul>	4	Moves north of zone	34-36	9	Μ	12-14	8	8	9	9	8	7	
<ul> <li>Excellent dual-purpose option</li> <li>Below-average response to increased population</li> <li>Average response to intensive management</li> </ul>	5	Moves north of zone	34-36	9	M	14-16	9	8	8	9	8	7	
<ul> <li>&gt; Above-average response to increased population</li> <li>&gt; Above-average response to intensive management</li> <li>&gt; Position for timely harvest</li> </ul>	7	Moves north of zone	34-36	9	M-S	12-14	7	8	8	9	6	7	
> Excellent dual-purpose option	UR	Moves north of zone	32-34	9	M	14-16	9	8	8	9	6	7	
<ul> <li>Excels in variable-yield environments</li> <li>Excellent dual-purpose option</li> </ul>	UR	Moves north and south of zone	32-34	8	M-S	14-16	9	9	8	8	8	7	

### SMX or LR

SmartStax<sup>®</sup> RIB Complete<sup>®</sup> 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<sup>®</sup> RIB Complete<sup>®</sup> Corn with 5% refuge in the bag. European Corn Borer and Corn Earworm resistant; glyphosate tolerant.

### **TRE hybrid**

Trecepta<sup>®</sup> 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.

### **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

U/R = 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: U/R** = 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

な品	THE REAL	Hybrid	СНИ	RM	CHU to 50% Silk	RM	Characteristics	Companions
	VTDoublepro	MZ 1544DBR	2250	75	1301	75	<ul> <li>Excellent disease package promotes yield</li> <li>Strong agronomics for harvest ease</li> <li>Versatile placement north and south of zone</li> </ul>	0 = E49K32 R D = MZ 1624DBR
	VTDoublepro Elsconter RIB	MZ 1624DBR	2300	76	1345	77	<ul> <li>Excellent standability</li> <li>Impressive plant health and intactness</li> <li>Leading stress tolerance</li> </ul>	O = MZ 1688DBR D = E46J77 R
	VTDoublepro Elsconter RIB	MZ 1688DBR	2300	76	1323	77	<ul> <li>&gt; Rapid grain drydown</li> <li>&gt; Industry-leading plant health</li> <li>&gt; Extended stay-green for added yield</li> </ul>	O = E49K32 R D = MZ 1624DBR
	VTDoublepRO Egenerative RIB	E49K32 R	2300	79	1335	78	<ul> <li>&gt; Impressive late-season plant health</li> <li>&gt; Industry-leading yield</li> <li>&gt; Strong agronomics</li> </ul>	O = MZ 1688DBR D = E52V92 R
	VTDoublepro Ell Comain RIB	E52V92 R	2450	82	1374	80	<ul> <li>Excellent grain quality and test weight</li> <li>Outstanding agronomics</li> <li>Early flowering</li> </ul>	0 = E49K32 R 0 = E53G52 R
	Roundup Ready Come	E52V97 R	2450	82	1374	80	<ul> <li>&gt; Excellent grain quality and test weight</li> <li>&gt; Outstanding agronomics</li> <li>&gt; Early flowering</li> </ul>	0 = E49K32 R 0 = E53G52 R
	CONV	MZ 248X	2550	84	1515	86	<ul> <li>&gt; Reliable performance</li> <li>&gt; Impressive stalk strength</li> <li>&gt; High kernel mass</li> </ul>	O = MZ 305X
	VTDoublepR0	E53G52 R	2550	83	1486	85	<ul> <li>&gt; Top-end yield potential</li> <li>&gt; Consistent performance across environments</li> <li>&gt; Superior standability</li> </ul>	O = E49K32 R D = E52V92 R
	Agrisure Duracade SIZZ F2 Mage E-Z Refuge®	MZ 2452DUR	2550	84	1470	84	<ul> <li>&gt; Blocky ears with great grain quality</li> <li>&gt; Position on corn-after-corn fields</li> <li>&gt; Impressive seedling vigour for stand establishment</li> </ul>	O = MZ 2699DBR D = E56B22 R

	Μ	lanagement			F	Plant Cha	aracte	ristics	5		Plant Chara	Diseas acterist	ie ics
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	
<ul> <li>Excels in variable-yield environments</li> <li>Excellent dual-purpose option</li> </ul>	UR	Moves north and south of zone	32-34	8	M-S	14-16	9	9	8	8	8	7	
<ul> <li>Responds to increased population</li> <li>Ideal for delayed harvest</li> </ul>	UR	Moves south of zone	34-36	9	Т	14-16	9	8	8	8	8	7	
<ul> <li>Average response to fungicide</li> <li>Average response to population</li> <li>Excellent dual-purpose option</li> </ul>	5	Moves north and south of zone	32-34	9	т	16-18	9	9	8	8	8	7	
<ul> <li>Moderate response to population</li> <li>Favourable response to fungicide and additional nitrogen</li> <li>Excels in high-yield environments</li> </ul>	8	Moves south of zone	32-34	8	Μ	16-18	9	8	8	8	8	UR	
<ul> <li>&gt; Above-average response to intensive management</li> <li>&gt; Above-average response to fungicide</li> <li>&gt; Excels in variable soils</li> <li>&gt; Moderate response to population</li> <li>&gt; Excellent dual-purpose option</li> </ul>	7	Moves north of zone	34-36	8	Т	14-16	9	8	8	9	8	6	
<ul> <li>&gt; Above-average response to intensive management</li> <li>&gt; Above-average response to fungicide</li> <li>&gt; Excels in variable soils</li> <li>&gt; Moderate response to population</li> <li>&gt; Excellent dual-purpose option</li> </ul>	7	Moves north of zone	32-36	8	т	14-16	9	8	8	9	8	6	
<ul> <li>Favourable response to fungicide</li> <li>Less response to increased population</li> <li>Ideal for delayed harvest</li> </ul>	6	Moves south of zone	30-32	8	Т	16-18	9	8	8	7	7	7	
<ul> <li>Average response to fungicide</li> <li>Below-average response to intensive management</li> <li>Excels in high-yield environments</li> <li>Ideal for delayed harvest</li> </ul>	4	Moves south of zone	32-34	9	M-T	16-18	9	8	9	9	9	U/R	
<ul> <li>Favourable response to fungicide application</li> <li>Position for early harvest</li> <li>Excels in variable-yield environments</li> </ul>	UR	Moves north of zone	30-32	9	M-T	18-20	8	8	9	8	8	7	

rain Corn

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# Grain Corn Hybrids

	Hybrid	СНИ	RM	CHU to 50% Silk	Silking RM	Characteristics	Companions
Ready Ready RB	E55T37 R	2600	85	1450	84	<ul> <li>Aggressive seedling vigour for a quick start</li> <li>Open husks promote rapid drydown</li> <li>Excellent standability</li> </ul>	0 = MZ 2699DBR D = E56B22 R
VTDoublepRO BIB	E56B22 R	2600	86	1571	86	<ul> <li>&gt; Excellent plant health</li> <li>&gt; Consistent performance across environments</li> <li>&gt; Excellent test weight</li> </ul>	O = MZ 2699DBR D = E53G52 R
CONV	MZ 269	2600	86	1515	85	<ul> <li>&gt; Early flowering promotes movement north of zone</li> <li>&gt; Excels in variable-yield environments</li> <li>&gt; Impressive vigour for rapid stand establishment</li> </ul>	O = MZ 248X D = MZ 342X
VTDoublepRO BERD	MZ 2699DBR	2600	86	1515	85	<ul> <li>Leading yield potential</li> <li>Exceptional stress tolerance</li> <li>Impressive vigour for rapid stand establishment</li> </ul>	O = MZ 2982DBR D = MZ 2452DUR
	<i>NEW</i> MZ 2711DBR	2650	87	1530	86	<ul> <li>&gt; Stable performance across yield environments</li> <li>&gt; Strong stalks and roots</li> <li>&gt; Open husk aids grain drydown</li> </ul>	0 = MZ 2982DBR D = MZ 2699DBR
Smart Stax	MZ 2812SMX	2700	88	1589	90	<ul> <li>&gt; Strong stalks and roots</li> <li>&gt; Impressive plant health</li> <li>&gt; Responds to intensive management</li> </ul>	O = MZ 2982DBR D = E63G62 R
VTDoublepRO Entropy Contraction	MZ 2982DBR	2700	89	1552	89	<ul> <li>Powerful seedling vigour for tough conditions</li> <li>Leading top-end yields</li> <li>Rapid grain drydown</li> </ul>	O = MZ 3117DBR D = MZ 2699DBR
CONV	MZ 305X	2700	90	1534	89	<ul> <li>&gt; Impressive girthy ear with deep kernels</li> <li>&gt; Excellent stay-green</li> <li>&gt; Outstanding seedling vigour</li> </ul>	0 = MZ 248X D = MZ 342X
SmartStax.	MZ 3120SMX	2750	91	1610	93	<ul> <li>&gt; Powerful seedling vigour for tough conditions</li> <li>&gt; Top corn-on-corn performance</li> <li>&gt; Rapid grain drydown</li> </ul>	O = MZ 3117DBR D = E63G62 R

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	Μ	anagement			I	Plant Cha	racte	ristics	5		Plant Chara	Disease acteristics
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
<ul> <li>&gt; Favourable response to intensive management</li> <li>&gt; Moderate response to fungicide</li> <li>&gt; Excels in high-yield environments</li> </ul>	8	Moves south of zone	32-34	9	T	16-18	9	8	9	9	9	UR
<ul> <li>Excels in variable-yield environments</li> </ul>	7	Moves north of zone	34-36	8	M	14-16	9	8	8	9	8	UR
<ul> <li>&gt; Excels in variable-yield environments</li> <li>&gt; Below-average response to fungicide</li> <li>&gt; Average response to intensive management</li> </ul>	6	Moves north and south of zone	32-34	9	M-T	18-20	9	8	8	8	7	7
<ul> <li>&gt; Excels in variable-yield environments</li> <li>&gt; Below-average response to fungicide</li> <li>&gt; Average response to intensive management</li> </ul>	6	Moves north and south of zone	32-34	9	M-T	18-20	9	8	8	8	7	7
> Predicted response to fungicide	UR	Moves north and south of zone	32-34	8	M	16-18	9	8	9	8	8	7
<ul> <li>&gt; Less likely to respond to fungicides</li> <li>&gt; Excels in high-yield environments</li> <li>&gt; Ideal for late harvest</li> <li>&gt; Excellent in corn-on-corn management</li> </ul>	8	Moves north and south of zone	34-36	8	M-T	16-18	9	9	9	9	8	8
<ul> <li>&gt; Excels in high-yield environments</li> <li>&gt; Average yield response to fungicide but improves late-season intactness</li> </ul>	7	Moves south of zone	30-32	9	S-M	18-20	8	8	9	8	7	6
<ul> <li>Favourable response to fungicide</li> <li>Less response to increased population</li> </ul>	5	Moves north of zone	30-32	9	M	18-20	7	8	8	8	8	UR
<ul> <li>&gt; Excels in high-yield environments</li> <li>&gt; Average yield response to fungicide but improves late-season intactness</li> </ul>	7	Moves south of zone	30-32	9	M	18-20	8	8	9	8	7	6



# **Grain Corn Hybrids**

CHU 2750-2850

A BARRAN	Hybrid	СНИ	RM	CHU to 50% Silk	Silking RM	Characteristics	Companions
VTDoublepR0 RIB	MZ 3117DBR	2750	91	1575	92	<ul> <li>&gt; Hybrid with top-end yield</li> <li>&gt; Strong stalks for flexible harvest</li> <li>&gt; Uniform ear size down the row</li> </ul>	0 = E65G82 R D = E63G62 R
CONV	<b>NEW</b> MZ 314	2750	91	1575	92	<ul> <li>&gt; Top-end yield potential</li> <li>&gt; Allows flexible harvest timing</li> <li>&gt; Consistent ear size across plants</li> </ul>	0 = MZ 369 D = MZ 342X
VTDoublePRO RIB	E63G62 R	2750	92	1573	92	<ul> <li>Consistent-yielding corn</li> <li>Exceptional grain quality with high test weight</li> <li>Impressive late-season plant health</li> </ul>	O = MZ 3117DBR D = MZ 3410DBR
Roundup Ready CONN 2	E63D17 R	2775	93	1620	94	<ul> <li>&gt; Solid agronomics for flexible harvest</li> <li>&gt; Durable disease tolerance</li> <li>&gt; Strong defensive performance</li> </ul>	0 = E65G82 R D = E63G62 R
SmartStax Big Converter RIB	MZ 3397SMX	2775	93	1622	94	<ul> <li>&gt; Proven multi-year stability</li> <li>&gt; Excellent stress tolerance</li> <li>&gt; Allows for a flexible harvest</li> </ul>	0 = E65G82 R D = MZ 3410DBR
CONV	MZ 342X	2800	94	1620	94	<ul> <li>Consistent performance</li> <li>Exceptional plant health</li> <li>Industry-leading stalk strength</li> </ul>	0 = MZ 314 D = MZ 369
VTDoublepRO BIJ COMPLET RIB	MZ 3410DBR	2800	94	1633	94	<ul> <li>&gt; Strong stalks and roots</li> <li>&gt; Very good stay-green</li> <li>&gt; Consistent performance across tough conditions</li> </ul>	0 = E65G82 R D = MZ 3397SMX
VTDoublepro Begrander	E65G82 R	2800	94	1601	93	<ul> <li>&gt; Industry-leading yield</li> <li>&gt; Early flowering allows northern adaptation</li> <li>&gt; Exceptional grain drydown</li> </ul>	D = E63G62 R D = MZ 3397SMX
VTDoublepro BECOMPLET RIB	<b>NEW</b> MZ 3505DBR	2850	95	1632	96	<ul> <li>&gt; Excellent late-season plant health</li> <li>&gt; Open husks aid grain drydown</li> <li>&gt; Next-level yield potential</li> </ul>	O = MZ 3117DBR D = E63G62 R

**Also Available:** 

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

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Plant Characteristics Plant Disease

		5						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	
<ul> <li>Average responsible</li> <li>When increases</li> <li>Nitrogen and</li> <li>Excels in more environment</li> </ul>	onse to fungicide alone sing populations, add fungicide derate- to high-yield s	5	Moves south of zone	32-34	9	M	18-20	9	9	9	8	8	7	
> Allows for a f	lexible harvest	UR	Moves north of zone	32-34	9	т	16-18	9	9	8	7	7	UR	
<ul> <li>&gt; Above-average</li> <li>increased point</li> <li>&gt; Below-average</li> <li>&gt; Excels in variage</li> <li>&gt; Allows for a fill</li> </ul>	ge response to opulations ge response to fungicide able-yield environments flexible harvest	5	Moves north and south of zone	34-36	9	M	14-16	9	9	8	9	8	7	
<ul> <li>Excels in vari environment</li> <li>Allows for fle</li> </ul>	able-yield s xible harvest	UR	Moves south of zone	34-36	9	Т	16-18	9	8	9	9	7	-	
<ul> <li>Average resp</li> <li>Above-average intensive ma</li> <li>Excels in variation</li> <li>Excellent in comanagement</li> </ul>	oonse to fungicide ge response to nagement able-yield environments corn-on-corn t	8	Moves north and south of zone	34-36	9	т	16-18	9	9	8	8	7	6	
<ul> <li>Excels in low</li> <li>Less likely to nitrogen and</li> <li>Ideal for dela</li> </ul>	-yield environments respond to increased /or fungicide ayed harvest	4	Moves north and south of zone	32-34	8	S	16-18	9	9	8	8	7	7	
<ul> <li>Excels in low</li> <li>Moderate resnitrogen</li> <li>Ideal for delated</li> </ul>	-yield environments sponse to increased ayed harvest	4	Moves north of zone	32-34	8	M-T	16-18	9	8	7	8	7	UR	
<ul> <li>Average resp</li> <li>Excels in high</li> <li>Position for t</li> <li>Excellent dual</li> </ul>	onse to fungicide h-yield environments imely harvest al-purpose option	5	Moves north of zone	32-34	8	M-T	18-20	9	7	9	8	8	UR	
<ul> <li>&gt; Ideal for dela</li> <li>&gt; Excels in more environment</li> </ul>	ayed harvest derate- to high-yield s	UR	M <mark>oves north</mark> of zone	32-34	9	Т	16-18	9	9	9	8	8	8	



# Grain Corn Hybrids

4	THE REAL	Hybrid	СНИ	RM	CHU to 50% Silk	Silking RM	Characteristics	Companions
	CONV	MZ 369	2875	96	1632	96	<ul> <li>&gt; Strong agronomics with top-end yield</li> <li>&gt; Exceptional stalk strength for flexible harvest</li> <li>&gt; Excellent disease tolerance</li> </ul>	0 = MZ 397 D = MZ 342X
	VTDoublePRO granter RIB	MZ 3690DBR	2875	96	1632	96	<ul> <li>&gt; Strong agronomics with top-end yield</li> <li>&gt; Excellent disease tolerance</li> <li>&gt; Impressive fall intactness</li> </ul>	O = E66K42 R D = MZ 3818DBR
	VTDoublePRO granter RIB	E66K42 R	2900	98	1719	100	<ul> <li>&gt; High-yielding corn</li> <li>&gt; Excellent performance across all environments</li> <li>&gt; Excellent grain quality</li> </ul>	O = MZ 3690DBR D = MZ 3818DBR
	CONV	E67H95	2900	98	1649	97	<ul> <li>&gt; Outstanding performance for conventional hybrid</li> <li>&gt; Excellent stalk strength for a flexible harvest</li> <li>&gt; Rapid grain drydown</li> </ul>	O = MZ 397 D = MZ 342X
	VTDoublePRO Element	E67H92 R	2925	98	1649	97	<ul> <li>Solid stress tolerance on tough soils</li> <li>Excellent stalk strength for a flexible harvest</li> <li>Rapid grain drydown</li> </ul>	O = MZ 4040DBR D = MZ 3818DBR
	VTDoublePRO Break	MZ 3818DBR	2925	98	1698	99	<ul> <li>&gt; Dependable yield across diverse environments</li> <li>&gt; Durable disease tolerance</li> <li>&gt; Excellent fall intactness</li> </ul>	O = MZ 4280DBR D = E67H92 R
	SmartStax RIB RIB	MZ 3877SMX	2925	98	1723	100	<ul> <li>&gt; Excellent grain-filling performance</li> <li>&gt; Open husks allow fast grain drydown</li> <li>&gt; Moves north and south of zone well</li> </ul>	O = MZ 4280DBR D = E67H92 R
	VTDoublePRO Break	NEW MZ 3930DBR	2950	99	1698	99	<ul> <li>&gt; Open husks promote rapid drydown</li> <li>&gt; Strong late-season intactness</li> <li>&gt; Next-level yield potential</li> </ul>	O = MZ 4280DBR D = MZ 4040DBR
	VTDoublePRO By CONVIT	MZ 3964DBR	2950	99	1635	97	<ul> <li>&gt; Plant early; push north</li> <li>&gt; Excellent stay-green</li> <li>&gt; Responds to intensive management</li> </ul>	O = MZ 4040DBR D = MZ 3818DBR

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	Management Plant Cl						t 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		
<ul> <li>Moderate response to fungicide</li> <li>Excels in variable-yield environments</li> <li>Ideal for delayed harvest</li> </ul>	7	Moves south of zone	32-36	9	M-T	16-18	9	9	8	8	8	7		
<ul> <li>&gt; Excels across yield environments</li> <li>&gt; Average response to fungicide</li> <li>&gt; Ideal for delayed harvest</li> </ul>	7	Moves south of zone	32-36	9	M-T	16-18	9	9	8	8	8	7		
<ul> <li>Less likely to respond to inputs</li> <li>Timely harvest recommended</li> </ul>	UR	Moves south of zone	32-34	8	Μ	16-18	8	9	8	9	8	7		
<ul> <li>&gt; Above-average response to increased population</li> <li>&gt; Below-average response to additional fungicide and nitrogen</li> <li>&gt; Ideal for delayed harvest</li> </ul>	3	Moves north and south of zone	32-34	9	M-T	16-18	9	9	9	8	9	-		
<ul> <li>&gt; Above-average response to increased population</li> <li>&gt; Below-average response to additional fungicide and nitrogen</li> <li>&gt; Ideal for delayed harvest</li> </ul>	3	Moves north and south of zone	32-34	9	M-T	16-18	9	9	9	8	9	-		
<ul> <li>Average response to fungicide</li> <li>Raise populations to match yield potential</li> <li>Ideal for delayed harvest</li> </ul>	6	Moves south of zone	30-36	8	M-T	16-18	9	8	8	8	8	8		
<ul> <li>&gt; Below-average response to fungicide</li> <li>&gt; Target moderate populations</li> <li>&gt; Excellent in corn-on-corn management</li> </ul>	5	Moves north and south of zone	32-34	9	Μ	16-18	9	9	9	9	7	7		
<ul> <li>Predicted favourable response to fungicide</li> <li>Ideal for delayed harvest</li> </ul>	UR	Moves north and south of zone	32-34	8	Т	16-18	9	8	9	8	8	8		
<ul> <li>Favourable response to fungicide</li> <li>Target moderate populations</li> </ul>	8	Moves north of zone	34-36	8	M-T	16-18	8	8	8	8	7	6		



## **The maizex** Grain Corn Hybrids

CHU 2950-3100

A STRATE	Hybrid	СНИ	RM	CHU to 50% Silk	Silking RM	Characteristics	Companions
CONV	NEW MZ 397	2950	99	1660	100	<ul> <li>Closely related to hybrids with proven performance</li> <li>Solid stress tolerance</li> <li>Open husk for rapid drydown</li> </ul>	0 = MZ 369 D = E67H95
VTDoublepro Berlanding RIB	MZ 4280DBR	2975	102	1642	97	<ul> <li>&gt; Moves north of zone well</li> <li>&gt; Excels in high-yield environments</li> <li>&gt; Excellent early-season vigour</li> </ul>	0 = MZ 4040DBR D = MZ 3818DBR
VTDoublepro RIB	MZ 4040DBR	2975	100	1710	102	<ul> <li>&gt; Maturity-leading yield potential</li> <li>&gt; Solid stress tolerance</li> <li>&gt; Open husk for rapid drydown</li> </ul>	O = MZ 4280DBR D = MZ 3818DBR
SmartStax NIII COMPLET	MZ 4049SMX	2975	100	1685	102	<ul> <li>&gt; Maturity-leading yield potential</li> <li>&gt; Solid stress tolerance</li> <li>&gt; Open husk for rapid drydown</li> </ul>	0 = MZ 4280DBR D = MZ 3877SMX
Trecepta Become to CONN RB	MZ 4151TRE	3000	101	1707	103	<ul> <li>Control of Western Bean Cutworm</li> <li>Durable disease package</li> <li>Exceptional stalk strength for flexible harvest</li> </ul>	O = MZ 4040DBR D = MZ 4525SMX
VTDoublepRO BERNET	MZ 4158DBR	3100	101	1698	103	<ul> <li>&gt; Strong stalks and stay-green for flexible harvest</li> <li>&gt; Responds to intensive management</li> <li>&gt; Open husks allow for fast grain drydown</li> </ul>	0 = MZ 4368DBR D = MZ 4577SMX
Smart Stax	MZ 4368SMX	3100	103	1698	103	<ul> <li>Reliability across seasons and soil types</li> <li>Strong stalks and stay-green for flexible harvest</li> <li>Open husks allow for fast grain drydown</li> </ul>	O = MZ 4040DBR D = MZ 4525SMX
VTDoublepro Bistowner	MZ 4343DBR	3100	103	1642	103	<ul> <li>&gt; Exceptional grain quality</li> <li>&gt; Leading plant health and intactness</li> <li>&gt; Increased stress tolerance</li> </ul>	0 = MZ 4280DBR D = MZ 4368SMX
VTDoublepro BECHANIN	MZ 4691DBR	3100	104	1644	103	<ul> <li>Compact plant for efficient harvest</li> <li>Excellent grain quality and test weight</li> <li>Strong stalks for flexible harvest</li> </ul>	O = MZ 5088DBR D = MZ 4577SMX

**Also Available:** 

	Μ	anagement	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	
<ul> <li>Predicted above-average response to fungicide</li> <li>Use lower populations to maintain yield in stressful environments</li> </ul>	UR	Moves north of zone	28-36	9	S-M	18-20	8	8	9	8	7	7	
<ul> <li>Above-average response to inputs across yield environments</li> <li>Excels in high-yield environments with matched fertility</li> <li>Position for timely harvest</li> </ul>	8	Moves north of zone	30-32	8	S-M	16-18	8	8	9	8	8	5	
<ul> <li>Above-average response to fungicide</li> <li>Above-average response to intensive management</li> <li>Use lower populations to maintain yield in stressful environments</li> </ul>	9	Moves north and south of zone	28-36	9	S-M	18-20	9	8	9	8	7	8	
<ul> <li>&gt; Above-average response to fungicide</li> <li>&gt; Excellent in corn-on-corn management</li> <li>&gt; Use lower populations to maintain yield in stressful environments</li> </ul>	7	Moves north and south of zone	28-36	9	S-M	18-20	9	8	9	8	7	8	
<ul> <li>Ideal for delayed harvest</li> <li>Excels in variable-yield environments</li> </ul>	5	Moves south of zone	32-34	9	т	16-18	9	8	8	8	8	7	
<ul> <li>&gt; Below-average response to fungicide</li> <li>&gt; Above-average response to nitrogen and plant population</li> <li>&gt; Ideal for delayed harvest</li> </ul>	8	Moves south of zone	34-36	9	т	16-18	8	8	8	8	7	8	
<ul> <li>Responds well to a combination of additional nitrogen and fungicide</li> <li>Ideal for delayed harvest</li> </ul>	8	Moves south of zone	34-36	9	Т	16-18	8	8	8	8	7	8	
<ul> <li>Above-average response to fungicide</li> </ul>	7	Moves south of zone	32-34	8	Т	16-18	9	9	8	9	8	6	
<ul> <li>Excels in high-yield environments</li> <li>Above-average response to intensive management</li> </ul>	8	Moves north of zone	34-36	8	S-M	14-16	9	9	8	9	8	7	



# **Grain Corn Hybrids**

CHU 3150-3300

トート		Hybrid	СНИ	RM	CHU to 50% Silk	Silking RM	Characteristics	Companions
	<b>Trecepta</b> wrowner CORN	<i>NEW</i> MZ 4410TRE	3150	104	1620	101	<ul> <li>Superior above-ground insect protection</li> <li>Strong vigour for rapid stand establishment</li> <li>Strong agronomics promote harvest ease</li> </ul>	O = MZ 4691DBR D = MZ 4577SMX
	CONV	MZ 452	3150	105	1656	104	<ul> <li>Industry-leading yield potential</li> <li>Ideal for variable-yield environments</li> <li>Impressive seedling vigour for tough conditions</li> </ul>	O/D = MZ 397
	SmartStax MICOMPLETEX	MZ 4525SMX	3100	105	1687	106	<ul> <li>&gt; Exceptional stalk strength</li> <li>&gt; Long history of reliability</li> <li>&gt; Impressive health and stay-green</li> </ul>	0 = MZ 4691DBR D = MZ 4577SMX
	SmartStax RIJE COMPLETE RIB	MZ 4577SMX	3150	105	1690	104	<ul> <li>&gt; Proven genetics for stress tolerance</li> <li>&gt; Leader in maturity for high yield</li> <li>&gt; Solid stalks allow flexible harvest</li> </ul>	0 = MZ 4368SMX D = MZ 4525SMX
	SmartStax Ing connected	NEW MZ 4608SMX	3200	106	1700	105	<ul> <li>Rapid early-season canopy closure</li> <li>Open husks promote rapid drydown</li> <li>Photocopied ear size with consistent ear placement</li> </ul>	0 = MZ 5088DBR D = MZ 4577SMX
	SmartStax REB	MZ 4623SMX	3200	107	1744	110	<ul> <li>&gt; Impressive grain quality</li> <li>&gt; Exceptional plant health</li> <li>&gt; Open husks promote rapid drydown</li> </ul>	O = MZ 4691DBR D = MZ 4525SMX
	SmartStax MICOMPLET	MZ 4888SMX	3250	108	1740	110	<ul> <li>&gt; Impressive grain drydown</li> <li>&gt; Strong stalks for flexible harvest</li> <li>&gt; Excels in variable-yield environments</li> </ul>	0 = MZ 4821DBR D = MZ 4577SMX
	VTDoublepro	MZ 5088DBR	3275	110	1677	109	<ul> <li>Rapid vigour for tough conditions</li> <li>Strong stalks for flexible harvest</li> <li>Excels in variable-yield environments</li> </ul>	O = MZ 5421DBR D = MZ 5134DBR
	VTDoublePRO BIOMERIC RIB	<i>NEW</i> MZ 4821DBR	3275	108	1677	109	<ul> <li>&gt; Excellent grain quality and test weight</li> <li>&gt; Strong leaf-disease tolerance</li> <li>&gt; Above-average performance on heavier soil types</li> </ul>	O = MZ 5088DBR D = MZ 4577SMX
	VTDoublepro Inscorring RIB	MZ 5134DBR	3300	111	1686	109	<ul> <li>Aggressive seedling vigour for quick start</li> <li>Excellent stalk quality</li> <li>Stable yields across environments</li> </ul>	O = MZ 4821DBR D = MZ 4577SMX

**Also Available:** E75K60 LR (RM 105)

											Chara	cteris	tics
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	
<ul> <li>Predicted less favourable response to fungicide</li> </ul>	UR	Moves north and south of zone	34-36	9	т	16-18	9	9	8	8	8	8	
<ul> <li>&gt; Predicted response to fungicide</li> <li>&gt; Excels in variable-yield environments</li> <li>&gt; Position for timely harvest</li> </ul>	UR	Moves south of zone	32-34	9	М	18-20	8	8	8	7	7	5	
<ul> <li>&gt; Excels in variable-yield environments</li> <li>&gt; Less likely to respond to extra inputs</li> <li>&gt; Ideal for delayed harvest</li> </ul>	4	Moves south of zone	32-34	8	M	16-18	9	9	8	8	7	5	
<ul> <li>&gt; Excels in variable-yield environments</li> <li>&gt; Favourable response to fungicide</li> <li>&gt; Average response to intensive management</li> </ul>	7	Moves north and south of zone	34-36	8	S-M	16-18	8	8	8	8	7	8	
<ul> <li>Predicted favourable response to fungicide</li> <li>Target moderate plant populations</li> </ul>	UR	Position in zone	32-34	9	М	18-20	8	8	9	7	8	7	
<ul> <li>&gt; Below-average response to fungicide</li> <li>&gt; Less responsive to intensive management</li> <li>&gt; Maintain final plant population</li> </ul>	3	Position in zone	32-34	8	M-T	18-20	8	9	8	9	8	7	
<ul> <li>Average response to fungicide</li> <li>Stable yield at average populations</li> <li>Quick drydown for earlier harvest</li> <li>Ideal for delayed harvest</li> </ul>	6	Position in zone	34-36	9	M	16-18	9	7	9	9	7	7	_
<ul> <li>Favourable response to fungicide</li> <li>Stable yield at average populations</li> <li>Ideal for delayed harvest</li> </ul>	6	Position in zone	34-36	9	М	16-18	9	7	8	9	7	7	
<ul> <li>Predicted response to fungicide</li> <li>Stable yield at recommended populations</li> <li>Ideal for delayed harvest</li> </ul>	UR	Position in zone	32-34	8	M	16-18	9	9	8	8	8	8	
<ul> <li>Average response to fungicide</li> <li>Ideal for delayed harvest</li> </ul>	6	Position in zone	32-34	9	М	18-20	9	8	9	8	7	7	

Management

Plant Disease

Plant Characteristics

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### Performance in the Field. Performance from your Feed.

# CHU 1900-2100 – Energy Plus Gilage

	Hybrid	Silage CHU	Silage RM	Silage CHU Position	CHU 50% Silk	Grain CHU	Grain RM	Characteristics
VTDoublepRO RECOMPLET	MZ 1200DBR	1900	69	>1900	1277	2050	72	<ul> <li>&gt; Early flowering allows movement north</li> <li>&gt; Aggressive seedling vigour</li> </ul>
VTDoublepRO Elistometre RIB	E44H12 R	1950	71	>1950	1302	2100	74	<ul> <li>Rapid grain set for early geography</li> <li>Increased starch quantity</li> </ul>
VTDoublepRO Egycometer RIB	MZ 1340DBR	1975	71	>2000	1250	2150	73	<ul> <li>Increased starch quantity</li> <li>Early flowering allows movement north</li> </ul>
🖈 AgrisureG1	E46J77 R	2100	72	>2100	1302	2150	76	<ul> <li>Rapid grain set for early geography</li> <li>Early flowering allows movement north</li> </ul>
Roundup Ready CORN 2	MZ 1482R	2050	71	>2000	1382	2300	74	<ul> <li>&gt; Strong agronomics promotes yield</li> <li>&gt; Large, wide leaves for increased tonnage</li> </ul>
VTDoublepRO	MZ 1544DBR	2100	72	>2100	1301	2250	75	<ul> <li>Soft kernel density</li> <li>Strong disease package protects feed quality</li> </ul>

## did you KNOW?

 Maizex does comprehensive testing each year on potential and new corn silage hybrids in regions across the country. Beyond yield, our focus is on silage quality relating to 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 LR

SmartStax<sup>®</sup> RIB Complete<sup>®</sup> 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<sup>®</sup> RIB Complete<sup>®</sup> Corn with 5% Refuge in the bag. European Corn Borer and Corn Earworm resistant; glyphosate tolerant.

R or 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.

*Energy Plus* multi-purpose hybrids produce high energy levels with the flexibility to use for silage, high moisture, or grain corn. *Feast Plus* 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	Μ	Μ	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	Μ	M	9	8	7			
> Tolerates cold climate well	32-34	R	7	7	8	9	M	Μ	9	8	7			
Impressive ear with increased starch availability	32-34	R	7	7	8	9	Μ	VS	9	8	7			
> Ideal for high starch rations	32-34	R	7	7	8	9	Т	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<sup>®</sup>, Callisto<sup>®</sup>, Impact<sup>™</sup>) on Leafy Silage hybrids. Leafy hybrids have shown increased injury after post-emergent application of Group 27 & 28 herbicides in comparison to other hybrids.

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### **Maizex** Ration MZ Silage Corn Hybrids

CHU 2150-2625 - Energy Plus Gilage

	Hybrid	Silage CHU	Silage RM	Silage CHU Position	CHU 50% Silk	Grain CHU	Grain RM	Characteristics
VTDoublepRO Becometer	MZ 1688DBR	2150	73	>2150	1323	2300	76	<ul> <li>Consistent performance across environments</li> <li>Starch quantity stability from uniform ear size</li> </ul>
VTDoublepro	E49K32 R	2150	75	»2150	1335	2300	79	<ul> <li>Large robust plant type</li> <li>Increased starch quantity for maximum energy</li> </ul>
	E52V92 R	2300	77	>2300	1374	2450	82	<ul> <li>&gt; Early grain-set reduces risk north of zone</li> <li>&gt; High starch content</li> </ul>
Ready corr	E52V97 R	2300	77	>2300	1374	2450	82	<ul> <li>&gt; Early grain-set reduces risk north of zone</li> <li>&gt; High starch content</li> </ul>
Agrisure Duracade szz r-z Refuge®	MZ 2452DUR	2400	80	<b>&gt;</b> 2400	1470	2550	84	<ul> <li>&gt; Wider window for optimum harvest</li> <li>&gt; Impressive plant stature</li> </ul>
CONV	MZ 248X	2400	81	>2400	1515	2550	84	<ul> <li>Excellent stay-green for flexible harvest</li> <li>Robust plant type increases yield</li> </ul>
Roundup Ready CONN 2	E55T37 R	2450	82	>2450	1488	2600	> Aggres 85 canop > Excelle	<ul> <li>Aggressive seedling vigour for rapid canopy closure</li> <li>Excellent standability</li> </ul>
VTDoublepRO BUE COMPLETE RIB	MZ 2699DBR	2450	83	>2450	1515	2600	86	<ul> <li>&gt; Early grain-set reduces risk north of zone</li> <li>&gt; Rapid canopy establishment</li> </ul>
SmartStax Big complete	MZ 2812SMX	2550	85	>2500	1589	2700	88	<ul> <li>&gt; Excellent plant health for flexible harvest</li> <li>&gt; Adapted to elevated populations</li> </ul>
Agrisure Viptera Ziotetway	MS 9240EZR	2700	88	>2600	1650	2750	92	<ul> <li>&gt; Advanced above-ground insect control</li> <li>&gt; Robust plant type with wide leaves</li> </ul>
SmartStax up connected	MZ 3397SMX	2625	89	>2600	1622	2775	93	<ul> <li>Leading plant health maximizes quality</li> <li>Position on corn-after-corn fields</li> </ul>
Roundup Ready CORN 2	E63D17 R	2625	89	>2600	1620	2775	93	<ul> <li>&gt; High starch content</li> <li>&gt; Enhanced stay-green allows flexible harvest</li> </ul>

EnergyPlus Hybrids Also Available:

E61C35 (Silage RM 88, Grain RM 91) E62H80 LR (Silage RM 89, Grain RM 92)

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	Management						<b>Plant Characteristics</b>					
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	
<ul> <li>Enhanced stay-green allows flexible harvest</li> </ul>	32-34	R	8	7	8	9	т	S	9	8	8	
<ul> <li>Early maturity allows movement north of zone</li> </ul>	32-34	R	8	8	8	9	M-T	S	9	8	7	
> Outstanding agronomics	32-36	R	8	7	7	8	M-T	Μ	9	8	9	
> Outstanding agronomics	32-36	R	8	7	7	8	M-T	Μ	9	8	9	
> Large ears enhance starch quantity	30-32	С	8	8	8	9	Т	Μ	8	8	8	
> Blocky ears promotes starch quantity	30-32	R	8	7	8	8	Μ	S	8	8	7	
<ul> <li>Enhanced stay-green allows flexible harvest</li> </ul>	32-34	R	8	7	8	9	Т	Μ	9	8	8	
<ul> <li>Large ears promotes higher starch values</li> </ul>	32-34	R	9	8	6	9	M-T	Μ	9	8	8	
> Position on corn-after-corn fields	34-36	C	8	7	7	8	M-T	Μ	9	8	9	
> Large ears enhance starch quantity	30-34	R	8	8	8	9	M-T	S	9	8	7	
> Large ears enhance starch quantity	34-36	С	9	7	8	9	M-T	М	9	8	8	
> Excellent standability	34-36	R	8	7	7	9	Т	Μ	9	8	8	

Ration MZ Silage Corn

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### maizex Ration MZ Silage Corn Hybrids 🥖

CHU 2650-3125 - Energy Plus Gilage

	Hybrid	Silage CHU	Silage RM	Silage CHU Position	CHU 50% Silk	Grain CHU	Grain RM	Characteristics
VTDoublepro	E65G82 R	2650	90	>2650	1601	2800	94	<ul> <li>Industry-leading silage performance</li> <li>Early flowering allows northern adaptation</li> </ul>
VTDoublepro Lis connecte RIB	MZ 3818DBR	2800	94	>2800	1698	2925	98	<ul> <li>Leading plant health promotes sample quality</li> <li>Large ears enhance starch quantity</li> </ul>
SmartStax BUCOMPLETE RIB	MZ 3877SMX	2800	94	>2800	1723	2925	98	<ul> <li>&gt; Adapted north of zone</li> <li>&gt; Consistent yield leader</li> </ul>
VTDoublepRO	MZ 4040DBR	2850	97	<b>&gt;</b> 2850	1710	2975	100	<ul> <li>Maturity-leading yield potential</li> <li>Allows flexible field positioning</li> </ul>
SmartStax NB COMPLETE RIB	MZ 4049SMX	2850	97	>2850	1685	2975	100	<ul> <li>Maturity-leading yield potential</li> <li>Allows flexible field positioning</li> </ul>
VTDoublepRO	MZ 4158DBR	2950	98	»2950	1698	3100	101	<ul> <li>Top-end starch quantity</li> <li>Responds to intensive management</li> </ul>
SmartStax III COMPLETE RIB	MZ 4368SMX	2950	99	»2950	1698	3100	103	<ul> <li>Top-end starch quantity</li> <li>Responds to intensive management</li> </ul>
Roundup Ready CORN 2	MS 0330R	2950	99	>2900	1700	3100	103	<ul><li>&gt; Massive plant stature</li><li>&gt; Strong agronomics</li></ul>
SmartStax III COMPLETE RIB	MZ 4577SMX	3000	101	>3000	1690	3150	105	<ul> <li>Exceptional stress tolerance</li> <li>Early flowering allows movement north of zone</li> </ul>
Smart Stax	MZ 4623SMX	3050	102	>3050	1744	3200	106	<ul> <li>&gt; Large ears enhance starch quantity</li> <li>&gt; Superior leaf-disease tolerance</li> </ul>
VTDoublepro Ly constre RIB	NEW MZ 4821DBR	3125	104	>3125	1677	3275	108	<ul> <li>Superior leaf-disease tolerance preserves quality</li> <li>Flexible field positioning</li> </ul>

### EnergyPlus Hybrids Also Available:

MZ 395X (Silage RM 92, Grain RM 95) E69K50 LR (Silage RM 96, Grain RM 99) MZ 4092DBR (Silage RM 98, Grain RM 101) E75K60 LR (Silage RM 102, Grain RM 105)

	Management					<b>Plant Characteristics</b>						
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 spring vigour	32-34	R	9	7	9	9	M-T	Μ	9	8	7	
> Solid stress tolerance	30-36	R	8	8	7	8	M-T	M	9	8	9	
> Position on corn-after-corn fields	32-34	С	9	7	7	9	Μ	Н	9	8	8	
> Leading milk per acre values	28-36	R	9	8	8	9	т	M	9	8	7	
> Leading milk per acre values	28-36	С	9	8	9	9	Т	Μ	9	8	7	
Impressive plant health for enhanced yield	34-36	R	9	7	9	9	Т	S	9	8	9	
Impressive plant health for enhanced yield	34-36	C	9	7	9	9	Т	S	9	8	9	
<ul> <li>Soft kernels for increased starch availability</li> </ul>	30-32	R	9	8	8	9	VT	S	8	8	8	
> Allows flexible field positioning	34-36	C	8	7	7	8	Μ	Н	9	8	8	
> Adapted north and south of zone	32-34	C	8	7	7	8	Μ	Н	9	8	9	
> Impressive plant stature	32-34	R	8	7	7	8	T	Η	9	8	9	

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### **Maizex** Ration MZ Silage Corn Hybrids

CHU 2200-2900 - Feast Plus Silage

	Hybrid	Silage CHU	Silage RM	Silage CHU Position	CHU 50% Silk	Grain CHU	Grain RM	Characteristics
Roundup Ready CORM 2	MS 7420R	2200	74	>2150	1345	2300	77	<ul> <li>Increased starch availability</li> <li>Aggressive seedling vigour</li> </ul>
Ready corr	MS 8022R	2250	75	>2200	1298	2400	78	<ul> <li>&gt; Industry-leading early season vigour</li> <li>&gt; Rapid grain set for early geography</li> </ul>
Roundup Ready CORM 2	LF 728R	2300	74	>2200	1319	2500	83	<ul> <li>&gt; Standard to silage and grazing corn</li> <li>&gt; White cobs for more palatable silage</li> </ul>
VTDoublepro Bis complete RIB	MS 7733DBR	2350	77	>2300	1337	2500	81	<ul> <li>&gt; Above-ground insect protection</li> <li>&gt; Early flower allows northern movement</li> </ul>
Roundup Ready, com 2	NEW MS 8270R	2450	82	>2450	1370	2600	85	<ul> <li>&gt; Strong agronomics</li> <li>&gt; Extended stay-green preserves silage quality</li> </ul>
Roundup Ready, CORM 2	<b>NEW</b> MS 8632R	2550	86	>2550	1530	2700	90	<ul> <li>&gt; Adapted for northern movement</li> <li>&gt; Impressive tonnage</li> </ul>
SmartStax RIB COMPLETE RIB	LF 9066SMX	2600	87	>2600	1610	2750	91	<ul> <li>&gt; Large, robust stature for maturity</li> <li>&gt; Adapted for movement north</li> </ul>
Ready corr	VENZA R	2600	88	>2600	1518	2750	92	<ul> <li>Impressive plant size for increased tonnage</li> <li>Industry-leading silage performance</li> </ul>
CONV Leafy Floury	LFG 875	2750	92	>2700	1614	2900	97	<ul> <li>Floury gene for early starch availability at harvest</li> <li>Industry-leading tonnage</li> </ul>
Leafy Floury	LFG 8755R	2750	91	>2700	1614	2900	97	<ul> <li>Floury gene for early starch availability at harvest</li> <li>Industry-leading tonnage</li> </ul>
SmartStax In converter	LF 8890SMX	2800	94	>2750	1637	2950	99	<ul> <li>&gt; Proven genetics for yield stability</li> <li>&gt; Extended harvest window</li> </ul>
Leafy Floury	LFG 9701R	2900	97	>2900	1690	3050	101	<ul> <li>Floury gene for early starch availability at harvest</li> <li>Unmatched yield potential</li> </ul>

	Management						<b>Plant Characteristics</b>					
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	
> White cobs for more palatable silage	28-32	R	8	8	8	9	т	S	8	8	7	
> Large harvest window	32-34	R	9	8	8	9	VT	Μ	8	8	8	
> Rapid grain setup for maturity	28-30	R	8	8	8	9	M-T	Μ	8	8	7	
> Increased starch availability	28-30	R	8	8	8	9	M-T	Μ	8	8	7	
→ Tall robust plant type	30-32	R	8	8	8	9	M-T	M	8	8	7	
> Attractive plant type	30-32	R	9	8	8	9	M-T	Μ	8	8	7	
> Enhanced trait package	28-32	C	8	8	8	8	Т	Μ	8	8	8	
<ul> <li>Enhanced stay-green allows flexible harvest</li> </ul>	30-34	R	9	9	8	9	VT	Μ	8	8	7	
 > 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	С	8	8	8	8	Ţ	M	8	8	8	
> White cob for increased digestibility	28-32	R	9	9	9	8	VT	VS	7	9	7	

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# ELITE' Soybean Varieties (\*)

### **Outstanding Yield and Flexibility**

Elite brand soybean varieties combine stellar yield performance with a range of in-seed or seed-applied technologies. This includes multiple herbicide-tolerant varieties for maximum weed-control flexibility and high-performance conventional soybeans for value-added identity-preserved opportunities.

Maizex conducts extensive testing across Canada to determine not only the best varieties for our customers but also, importantly, how best to position them for success.

### **Elite Soybean Traits**

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.

Traits	Features
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	Benefits of glyphosate and new lower-volatility formulations of dicamba, such as Xtendimax <sup>®</sup> 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.
Ready 2 YIELD SOVBEANS	Unique high-yielding genetics with excellent disease tolerance, including to white mold.
CONV	Combines yield potential and export-quality grain characteristics.

### **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 flexibility to meet your field-by-field needs, the following treatment options are available on all Maizex soybean varieties.

		9	SEED TREATMEN	T OPTIONS	
Soybean Seed Treatments	Description	Insecticide, Fungicide & Pre-inoculated	Fungicide & Pre-inoculated	Fungicide Only	Untreated
LAL IN PROYIELD	Combines unique strain of Rhyzobium with unique biological for plant health and nutrient uptake. Promotes aggressive nodulation and uptake of nutrients.	✓	✓	✓	
ò Fortenza°	Diamide insecticide with broad-spectrum insect control.	<ul> <li>Image: A start of the start of</li></ul>			
Vibrance <sup>®</sup> Maxx	Broad-spectrum disease control including <i>Pythium, Rhizoctonia,</i> and <i>Fusarium</i> .	<ul> <li>Image: A set of the set of the</li></ul>	<ul> <li>Image: A start of the start of</li></ul>	<ul> <li>Image: A second s</li></ul>	
📦 Vayantis®	New level of protection to control <i>Phytophthora</i> and <i>Pythium</i> species to maximize plant stands, used on early-maturity Elite varieties.	✓	~	~	
* Lumisena" FUNGICIDE SEED TREATMENT	Excellent control of <i>Phytophthora</i> in soybeans for late-season varieties.	<b>~</b>	~	<ul> <li>Image: A start of the start of</li></ul>	

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

		HERI	BICIDE TOLERA	NCE	
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.	~		~	<b>~</b>	
Position where herbicide-tolerant weeds are not an issue.	~				
Developed for non-GMO or identity-preserved contract opportunities. Consult your Maizex dealer for contract opportunties near you.					✓

# ELITE Soybeans

	1.2.1-	Variety	CHU	RM	Characteristics	
	91 Reundup 2 yield	Amirani R2	2050	000.1	<ul> <li>&gt; High first pod for ease of harvest</li> <li>&gt; Tall plant for maturity</li> </ul>	> Excellent spring vigour
	ROUNDUP READY 2 TEND SOYBEANS	<b>NEW</b> Pikas R2X	2175	000.7	<ul> <li>Great white mould tolerance</li> <li>Excellent disease package</li> </ul>	> Great yield performance
	Roundup 2 YIELD SOTHELANS	Akras R2	2250	000.9	<ul> <li>Very high first pod position</li> <li>Excellent disease package</li> </ul>	> Promotes ease of harvest
	ROUNDUP READY 2	ROUNDUP READY 2 SOVERANS SURDA R2X 2300 0			<ul> <li>Tall plant height promotes harvest ease</li> <li>Bushy for maturity</li> </ul>	> Excellent spring vigour
ROUNDUP READY 2		Renuka R2X	2350	00.3	<ul> <li>Flexible positioning</li> <li>Durable disease tolerance</li> </ul>	> Well suited for clay soils
	91 Royady 2 yield	Podaga R2	2475	00.8	<ul> <li>Performs well in stressful environments</li> <li>Excellent standability</li> </ul>	> Good white mould tolerance
	91 Ready 2 vielo	Hydra R2	2550	0.1	<ul> <li>&gt; Great standability</li> <li>&gt; Excellent spring vigour</li> </ul>	> Excellent white mould tolerance

### did you KNOW?

- Maizex plants thousands of soybean plots every year to test for agronomic characteristics and, in particular, disease tolerance. This includes the use of disease nurseries to test for white mold and sudden death syndrome in Eastern Canada and iron chlorosis in Western Canada.
- It can take up to 9 years or more for a soybean variety to move from initial crossing to commercial sales. This includes time to backcross to ensure a pure seed supply for 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	<i>Phytophthora</i> Resistance Gene	<i>Phytophthora</i> 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	UR	9	9	Μ	N	BA	B/B	P/Y	2577
PI88788	Rps1c	A	AA	UR	8	8	т	SB	AA	T/B	P/BL	2925
S	Rps1c	AA	E	UR	8	9	Μ	SB	A	G/T	P/BLi	2279
PI88788	Rps1c	A	A	UR	9	7	Т	В	AA	G/B	P/G	2268
S	Rps1c	A	A	UR	8	7	M/T	SB	BA	G/B	P/LB	3492
S	Rps1k	AA	A	UR	9	9	Μ	SB	A	B/B	P/Y	2812
S	Rps1k	A	E	UR	9	9	Μ	SB	A	B/B	P/BL	2857

#### 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

* A	Variety	CHU	RM	Characteristics	
ROUNDUP READY 2 TEND SOYBEANS	<b>NEW</b> Grizzly R2X	2550	0.1	<ul> <li>Stacked Phytophthora genes and leading field tolerance</li> </ul>	<ul> <li>Excellent white mould tolerance</li> <li>Complete agronomic package</li> </ul>
ROUNDUP READY 2 TEND SOVBEANS	<i>NEW</i> Cobra R2X	2600	0.3	<ul> <li>&gt; High-yield potential even in stressed environments</li> </ul>	<ul> <li>&gt; Strong agronomic package</li> <li>&gt; Good white mould tolerance</li> </ul>
ROUNDUP READY 2 TEND SOVBEANS	Stingray R2X	2625	0.4	<ul> <li>&gt; Excellent white mould tolerance</li> <li>&gt; Excels in stressful environments</li> </ul>	> Durable disease package
ROUNDUP READY 2 TEND SOVBEANS	Woden R2X	2650	0.5	<ul><li>&gt; High yield potential</li><li>&gt; Excellent spring vigour</li></ul>	> Tall plant with impressive standability
Enlist E3 Soybeans	<b>NEW</b> Scorpion E3	2650	0.5	<ul><li>&gt; Excellent spring vigour</li><li>&gt; Great standability</li></ul>	> Good white mould tolerance
ROUNDUP READY 2 TEND SOVBEANS	<b>NEW</b> Viper R2X	2725	0.8	<ul> <li>&gt; Excellent white mould tolerance</li> <li>&gt; Great disease package</li> </ul>	<ul> <li>Strong yield performance</li> </ul>
Enlist E3 SOYBEANS	NEW Kites E3	2775	1.0	<ul> <li>&gt; Great yield potential</li> <li>&gt; Strong spring vigour</li> </ul>	Good white mould tolerance
Ready 2 VIELD	Katonda R2 2775 1.0		1.0	<ul> <li>&gt; Broadly adapted to soil type</li> <li>&gt; Leading white mould tolerance</li> </ul>	> Impressive ease of harvest
ROUNDUP READY 2 TEND SOYBEANS	Maris R2X	2775	1.0	<ul> <li>&gt; Leading yield potential</li> <li>&gt; Clean fall appearance</li> </ul>	> Excellent standability
Enlist E3 SOYBEANS	Enlist E3 SOVIDEANS 2850		1.3	<ul> <li>&gt; Dominant performance</li> <li>&gt; Branchy canopy fills in rows well</li> </ul>	> Excellent standability
ROUNDUP READY 2 TEND SOVBEANS	ROUNDUP READY 2 SOUTHERN Cyclone R2X 2900 1.5		1.5	<ul> <li>&gt; Stacked <i>Phytophthora</i> genes and leading field tolerance</li> <li>&gt; Leading plant disease package</li> </ul>	<ul> <li>Aggressive performance in tough conditions</li> </ul>
Enlist E3 SOYBEANS	<b>NEW</b> Cougar E3	2950	1.7	<ul> <li>&gt; Strong SDS tolerance</li> <li>&gt; Excellent standability</li> </ul>	> Great <i>Phytophthora</i> disease tolerance
<b>XTENDFLEX</b>	<b>NEW</b> Panther XF	3025	2.0	<ul> <li>&gt; Industry-first stacked dicamba and glufosinate trait</li> <li>&gt; Great disease package</li> </ul>	Strong SDS tolerance

#### Seeding Specification

SCN	<i>Phytophthora</i> Resistance Gene	<i>Phytophthora</i> 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	UR	9	9	Μ	SB	AA	LB/T	P/BL	2008
PI88788	Rps1c	AA	A	UR	9	9	M/T	SB	AA	LB/T	P/B	2757
PI88788	Rps1c	A	AA	UR	8	9	М	В	AA	LB/LB	P/BL	2590
PI88788	Rps1k	BA	A	UR	9	9	M/T	SB	AA	TG/B	P/BL	2494
S	None	A	A	UR	9	9	М	SB	AA	G/B	W/BU	3000
PI88788	Rps1c	AA	AA	A	9	9	М	SB	AA	LB/T	P/BL	2425
S	Rps1a	AA	A	AA	9	9	M/T	SB	AA	G/B	P/BU	3180
S	Rps1k	AA	E	BA	8	9	М	SB	A	B/B	P/BL	2630
PI88788	Rps3a	A	A	AA	9	9	М	SB	AA	TG/TG	P/B	2676
PI88788	None	A	A	AA	8	9	М	В	AA	G/B	P/BLi	2300
PI88788	Rps1k/3a	AA	AA	AA	9	9	М	В	AA	LB/LB	P/BL	2483
PI88788	Rps3a	AA	A	AA	9	9	M/T	SB	AA	G/T	P/BU	2850
PI88788	Rps1c	A	A	AA	9	8	M/T	SB	AA	LT/B	P/BL	2574

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# ELITE Soybeans

·	Variety	CHU	RM	Characteristics	
Enlist E3 Soybeans	NEW Enlist E3 SOVPEANSNEW Ocelot E330502.3		2.1	<ul> <li>&gt; Unique Peking SCN resistance</li> <li>&gt; Excellent <i>Phytophthora</i> tolerance</li> </ul>	> Great SDS tolerance
ROUNDUP READY 2 TEND SOYBEANS	RX Torque	3125	2.3	<ul> <li>Stable performance across soil types</li> <li>Stacked <i>Phytophthora</i> genes</li> </ul>	> Leading standability
Enlist E3 Soybeans	<b>NEW</b> Wolverine E3	3175	2.5	<ul> <li>&gt; Strong yield performance</li> <li>&gt; Excellent disease package</li> </ul>	> Strong SDS tolerance
ROUNDUP READY 2 TEND SOYBEANS	Superior R2X	3225	2.7	<ul> <li>&gt; Unique Peking SCN resistance</li> <li>&gt; Industry-leading SDS tolerance</li> </ul>	> Stable performance across environments
Enlist E3 Soybeans	Emerge E3	3225	2.7	<ul> <li>Maintains plant integrity under stress</li> <li>Leading top-end yield potential</li> </ul>	> Excellent <i>Phytophthora</i> tolerance
	<b>NEW</b> Supreme XF	3250	2.8	<ul> <li>Stacked <i>Phytophthora</i> genes and leading field tolerance</li> <li>Excellent yield potential</li> </ul>	> Great SDS tolerance
ROUNDUP READY 2	Mammouth V R2X		5.0	<ul> <li>&gt; Gigantic soybean plant for silage</li> <li>&gt; High-quality silage</li> </ul>	> Strong standability for ease of harvest

#### Conventional Varieties

CONV	Jari	2500	00.9	<ul> <li>Excellent white mould tolerance</li> <li>Excellent standability promotes harvest ease</li> </ul>	> Rapid spring vigour
CONV	Auriga	2625	0.4	<ul> <li>Impressive white mould tolerance</li> <li>Steady performance</li> </ul>	> Industry-leading disease tolerance
91 CONV	Chiba	2650	0.5	<ul> <li>&gt; Tall plant with excellent standability</li> <li>&gt; High-protein bean (specialty)</li> </ul>	> Excellent spring vigour
(91) CONV	Ajico	2725	0.8	<ul> <li>Impressive white mould tolerance</li> <li>Excellent spring vigour</li> </ul>	> Excellent standability
CONV	AAC Talbot	2925	1.6	<ul> <li>Impressive plant stature</li> <li>High-protein bean (specialty)</li> </ul>	> Aggressive early-season growth

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SCN	<i>Phytophthora</i> Resistance Gene	<i>Phytophthora</i> 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)
Peking	Rps1c	AA	A	AA	9	9	M/T	SB	AA	G/T	P/BLi	2900
PI88788	Rps1c/3a	A	A	AA	8	9	М	SB	AA	G/T	P/BLi	2313
 PI88788	Rps1k	AA	A	AA	9	9	M/T	SB	AA	G/T	W/BU	2900
Peking	Rps1c	AA	A	E	8	8	т	В	AA	G/LB	P/BLi	2725
PI88788	Rps1k	AA	A	AA	9	9	M	В	AA	G/T	W/BU	2725
PI88788	Rps1c/3a	AA	AA	AA	8	9	M/T	SB	AA	G/B	P/BU	2575
PI88788	Rps1c	A	UR	A	8	9	VT	SB	AA	G/B	P/BLi	2700
S	None	AA	AA	UR	9	8	М	SB	A	B/B	P/Yi	2404
S	None	AA	AA	UR	8	9	S	N	BA	G/G	P/Y	2404
S	None	AA	AA	UR	9	9	т	SB	AA	B/B	P/Y	2404
S	Rps1c	AA	AA	AA	9	9	Μ	SB	AA	B/B	P/Yi	2086
PI88788	Rps1c	A	A	UR	9	8	T	В	AA	G/B	P/Y	1905

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- It takes well over 10 years and hundreds of millions of dollars to register a genetically modified trait or pesticide on a global basis. Share the fact that farmers cannot use or even try any new seed-based technology until there is government approval based on years of extensive testing to ensure human health and environmental safety.
- Ever seen the pictures of the dust bowl years in the 19th century? Reduced tillage and notill farming are primary means farmers have 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, compromising both soil and water quality.

### did you KNOW?

- Seed treatments are used in corn and soybeans 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 2.3m<sup>2</sup>/ha (25 ft<sup>2</sup>/acre) when compared to broadcast applications covering 1 ha (10,000m<sup>2</sup> or 43,560 ft<sup>2</sup>/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 they need to ensure a safe, harvestable crop.



# 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 life with the highest standard of living on the planet.

We don't often have the opportunity to share these facts with our urban neighbours, but through the pandemic, everyone has been reminded of the importance and fragility of our food supply. Today, people are asking questions not only about food safety but also food security. This presents an opportunity for agriculture to share our story about the benefits of sustainability, modern agriculture, and the role we play in ensuring nutrition to our population even through difficult times.

The best way to educate consumers, including your family, friends, and neighbours, is to share your story. Farmers have a high level of credibility with consumers, and you can play an important role in communicating what you do and why to ensure a safe and nutritious food supply. That is why we launched Be Rooted, Be Involved—to provide you with information on the technologies we use in agriculture today and how they are important to the security of our food supply and in our role as farmers in preserving the environment for future generations.

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 have to constantly measure the threats to your crops and make the decision, working with trusted professionals trained to provide expertise in pest management, to use specific technologies that help you 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 the people around you but also for Canadians and our global community.





#### 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 now requires the use of Bayer CropScience's Fluency Agent to reduce dust. 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<sup>®</sup> 2 Technology contains genes that confer tolerance to glyphosate. Products with XtendFlex<sup>®</sup> Technology contains genes that confer tolerance to glyphosate, glufosinate and dicamba. Roundup Ready 2 Xtend<sup>®</sup> 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 gluphosate. Dicamba will kill crops that are not tolerant to gluphosate. 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<sup>®</sup> 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 Xtend®, Roundup Ready 2 NatrStax®, 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.

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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.

At the time of print, Vayantis<sup>®</sup> was being assessed for registration under the Pest Control Products Act, and cannot be manufactured, imported, distributed, or used in Canada until registration has been obtained from Health Canada. This communication does not constitute an offer for sale. At time of print, registration of Vayantis seed treatment was anticipated July 26, 2021.

Please note that Vayantis will only be made available for sale after registration.

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<sup>™</sup> Soybeans – PRODUCT USE STATEMENT: Enlist E3<sup>™</sup> 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<sup>®</sup> technology when applied according to label directions. Following burndown, the only 2,4-D containing herbicide products that may be used with Enlist<sup>™</sup> 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. 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<sup>®</sup> (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, LL.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. <sup>®™</sup> 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.

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#### Your Field. Your Farm.

Field Name	Acres	Maizex Products	Recommendations

#### Notes







Contact your Maizex Seeds dealer for a more detailed crop planner for your farm

#### MAIZEX SEEDS INC.

4488 Mint Line, RR#2 Tilbury, Ontario NOP 2L0

Blake Ashton

General Manager

Toll free: (877) 682-1720

Blake.Ashton@maizex.com

Phone: (877) 682-1720 | Fax: (877) 682-2144 | E-mail: info@maizex.com | Twitter: @Maizex | www.maizex.com

#### Management -



Dave Baute President Toll free: (877) 682-1720 Dave.Baute@maizex.com Twitter: @beinov8er



Mike Vanderlip Operations Manager Toll free: (877) 682-1720 Mike.Vanderlip@maizex.com



Shawn Winter Product Development Manager – Corn Toll free: (877) 682-1720 Shawn.Winter@maizex.com Twitter: @SWinter\_Maiz

#### Agronomy -



Greg Stewart Agronomy Lead (226) 820-2203 Greg.Stewart@maizex.com





Shane Jantzi National Sales Manager (519) 778-7715 Shane.Jantzi@maizex.com Twitter: @shanejantzi



Jeremy Visser Product Development Manager – Soybeans Toll free: (877) 682-1720 Jeremy.Visser@maizex.com



Stephen Denys Director of Market & Product Development Toll free: (877) 682-1720 Stephen.Denys@maizex.com Twitter: @stevedenys



Karen Dunlop Marketing Coordinator Toll free: (877) 682-1720 Karen.Dunlop@maizex.com



Pascal Larose, Agr. Market & Product Agronomist. Ouebec (450) 779-5383 . Pascal.Larose@sollio.ag



Chuck Belanger Market Development Agronomist, Western Ontario (519) 401-0715 Chuck.Belanger@maizex.com Twitter: @sprayman63

#### West & Central Ontario -



Dave Emery Southwestern Ontario (519) 360-6072 Dave.Emery@maizex.com Twitter: @emeryda



Kirk Van Will Southcentral Ontario North (519) 899-3255 Kirk.VanWill@maizex.com Twitter: @KirkVanWill



Laura Johnston Southcentral Ontario South (519) 476-2482 Laura.Johnston@maizex.com Twitter: @lmjohnston8



Henry Prinzen Western Ontario South (226) -747-6213 Henry.Prinzen@maizex.com Twitter: @HenryPrinzen

Adam Parker Western Ontario North (226) 820-6280 Adam.Parker@maizex.com



Chadd Taylor Central Ontario to Kingston (705) 395-1720 Chadd.Taylor@maizex.com Twitter: @ChaddTaylor1

#### **Maritimes**



Klav Ansems Maritimes (902) 680-6995 Klay.Ansems@maizex.com





Philippe Defoy, Agr. Regional Manager, Eastern Ontario, Quebec & the Maritimes (819) 531-8737 Philippe.Defoy@maizex.com



Leigh Hudson-Templeton East Ontario Kingston to Cornwall (613) 408-7212 Leigh.Hudson@maizex.com Twitter: @lhudson89



Steve Letendre North and East Quebec (819) 313-9106 Steve.Letendre@maizex.com Twitter: @SteveLetendre1



Stéphane Larose Eastern Ouebec (514) 606-1720 Stephane.Larose@maizex.com Twitter: @StphaneLarose

# **PERFORMANCE**



**2022** PRODUCTION GUIDE WESTERN CANADA

# True performance de la company de la company

A company focused solely on providing <u>premier genetics</u> to meet the needs of Canadian corn and soybean farmers. A company owned by farmers like you. A company national in scope but local in the products we offer. A company investing in the future of agriculture. That's Maizex Seeds.

#### **Our Canadian Farm Roots Make A Difference**

Our heritage, future, and sole focus as a business is true Canadian agriculture. Maizex Seeds is a national joint venture seed company formed through the merger of Maizex Seeds and the Elite corn and soybean seed business of Sollio Agriculture. Our Canadian roots run deep.

Maizex Seeds was founded 36 years ago by Dave and Brenda Baute, farmers in Jeannette's Creek, Ontario. It started with the idea to build a seed company based on innovation in seed corn production and processing. Through innovation and customer-focused product performance, Maizex grew to become the largest independent seed company in Canada. Dave continues to lead the joint venture today, with a team of professionals focused on the needs of Maizex customers.

The Elite brand was introduced in 1996 by La coop féderée, now Sollio Agriculture, as a way to bring a focused product offering to meet the specific needs of coop members and customers across Canada. Sollio Agriculture is a farmer-owned cooperative formed almost a century ago with a legacy of customer service and support, governed to this day by board members who are successful farmers and managers in their own right.

Combined, the joint venture created a national seed company focused on the performance needs of Canadian farmers from coast to coast, with the scale and scope to meet the changing needs of our customers across the country. With complementary products and a shared vision of growth through performance and service, these businesses were brought together under the Maizex Seeds banner.

To capitalize on the recognition and customer trust in both brands, Maizex became our national corn seed brand, while Elite is our national soybean seed brand. This year, in addition to legacy Elite varieties marketed in Western Canada by BrettYoung Seeds, Maizex is launching new Elite soybean varieties in Western Canada, as found in this seed guide, that will be sold through our Maizex Seeds dealer network. Together with Maizex seed corn hybrids, farmers across Western Canada now have access to benchmark products for performance in corn and soybeans from Maizex Seeds.

To echo the performance we are seeing, our theme is **True Performance for Your Field, Your Farm**. We understand that variety selection is the most important decision made by every farmer, every year, and that the growing environment on your farm may be different from those around you. Your yield and product performance matter to us, which is why we are focused on **developing the best genetics** for field-by-field placement and positioning of our products to ensure the best fit and yield potential.

- Maizex doubled its seed corn production capacity in 2019 to meet not only our current needs as a joint venture but also the needs of our customers into the future. We are proud to produce and sell Canadian-grown seed corn to our customers across the country.
- Planning seed corn production fields is like putting together a jigsaw puzzle. 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 to ensure crop rotations match up.



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 that 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.

# Investing

To support the success of our customers from Manitoba to British Columbia, we continue to invest in four key areas of our business: product innovation, seed production innovation, agronomy research, and our Maizex team.

#### Performance-Focused Product Innovation

Maizex accesses genetics from a worldwide pool of modern germplasm from partners around the globe, including our own development program. The result is genetic diversity that leads to yield progress here in Canada. We match these genetics with 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 in seed corn, for example, are innovative and aimed at minimizing seed handling to deliver best-in-class seed quality. We produce and process our seed corn in Southwestern Ontario in one of the premier seed corn production areas anywhere in the world. Here, the frost-free period is long enough to ensure a quality supply every year in maturities ranging from 68- to 112-day corn.

> Our focus is similar in soybeans, where we partner with professional seedsman across the country to deliver topyielding genetics and premier seed quality for your farm.

# in Tomorrow

#### Performance-Driven Agronomy Research

To take full advantage of your investment in Maizex Seeds products, we actively invest in agronomic research—both product-specific and in general crop agronomy—to support your production decisions and the needs of precision agriculture into the future. Every year, Maizex conducts extensive research in genetic, nutrient, intensive management, and seed treatments, with the goal of increasing your yield potential in grain and silage corn and soybeans.

Product-specific agronomy focuses on differences between corn hybrids or soybean varieties so that we can better position products to your specific soil types, environments, and end-use needs. General agronomy research is aimed at areas of crop management that are controllable by on-farm management decisions.

Product-Specific Research	Corn	Soybeans
Grain yield	$\checkmark$	
Agronomic features (plant height, emergence vigour, test weight, etc.)	<b>~</b>	
Population response	$\checkmark$	<ul> <li>Image: A start of the start of</li></ul>
Fungicide application response	<b>V</b>	<ul> <li>Image: A set of the set of the</li></ul>
Nitrogen response	$\checkmark$	
Soil type	$\checkmark$	<ul> <li>Image: A set of the set of the</li></ul>
Disease ratings	$\checkmark$	
Silage yield and quality ratings	<ul> <li>Image: A start of the start of</li></ul>	<b>~</b>

#### 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

- 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 to determine the best corn hybrids and soybean varieties to bring to the market.
- We utilize traditional and modern practices, including molecular markers and computer modeling in our evaluation process. Our focus is not only yield but, importantly, agronomic characteristics and disease tolerance, with the goal to introduce new products that provide a yield and agronomic advantage.

### did you KNOW?

- Maizex invests significantly on an annual basis in agronomy research plots conducted in regions across the country. Every year, we summarize our agronomy research and publish an annual report with corresponding background, results, and conclusions. To request a copy of our Agronomy Research Summary, email info@maizex.com.
- Maizex uses a comprehensive plot management system that allows us to post harvest results from trials, such as the one shown on the opposite page, through the harvest period on a timely basis so you have the information you need to make informed product decisions.

#### **Performance-Driven Team**

Our team at Maizex is driven by our pursuit of product performance on your farm. From product research and seed production and processing through to our sales and marketing team, Maizex staff are focused on ensuring our products and product quality provide you with a yield and performance advantage. We meet on a regular basis to ensure continual improvement to our product and quality offering.

Our Production Guide this year is divided by crop and end use with seed treatment and trait options highlighted in the corn and our new soybean sections. For additional information, visit our website at maizex.com or talk to your local Maizex Seeds dealer.





Maizex focuses its product development in corn in three primary areas: grain, silage, and grazing corn, with our silage and grazing hybrids marketed under our Ration MZ banner.

#### **Maizex Grain Corn**

#### **Performance Based**

Maizex grain corn hybrids are proven performers in maturities across Canada, combining outstanding yield potential and agronomic performance. Our product line features a full range of options from conventional to multiple trait modes of action to protect and enhance your yield potential. Our grain corn research involves field variability and intensive management studies to provide additional measures to best place our hybrids in your fields based on your soil, management system, and yield goals.

#### **Maizex RationMZ**

#### 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 that feature enhanced feed palatability, digestibility, and full-acre tonnage.

#### **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.	~			
Cruiser Maxx <sup>®</sup> Corn	Broad-spectrum proven insecticide technology.	~			
Maxim <sup>®</sup> Quattro	Broad-spectrum disease control including <i>Pythium</i> and <i>Fusarium</i> .	~	~		
Stamina <sup>®</sup> Corn	Enhances plant health, disease control, and cold tolerance.	~	~		
	Additional excellent control of <i>Pythium</i> species for plant health and yield potential.	~	~		

#### Maizex *EnergyPlus* Dual-Purpose Silage Corn

#### **MZ/MS** Hybrids

Provides greater flexibility to use as silage, high moisture, or grain corn. Target higher plant populations for increased yield benefits. Features include:

- Potential for higher total starch content and more energy-dense ration when compared to our *FeastPlus* hybrids.
- Stronger stalks that improve standability for harvest.
- Increased harvest flexibility for silage, high moisture, or grain corn.
- 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 fiber digestibility.
- Slower grain and plant drydown for a wider harvest window to boost feed security and quality.
- Leafy-floury hybrids combine effective fibre with highly available starch.
- For best agronomics, yield, and feed quality, plant at low to medium populations.

#### Maizex FieldPlus Grazing Hybrids

Provide an excellent source of high-energy digestible feed to extend your grazing season. Key points to consider:

- Excellent feed source for winter rations that provides high 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.



#### **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
	Most advanced hybrid stack on market today with above- and below-ground insect protection.	First choice for yield performance, especially on corn-on-corn acres*.
	Dual modes of action for above-ground insects.	Rotated ground and second-year corn as part of an integrated rootworm strategy.
	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 CORN	Combines yield with RR 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.



	INS					
Corn Borer	Corn Earworm	Cutworm	Corn Rootworm	Western Bean Cutworm	Herbicide Tolerances	Refuge
✓	~	✓	✓		Roundup Ready <sup>®</sup> LibertyLink <sup>®</sup>	5% RIB
<ul> <li>Image: A second s</li></ul>	~	<ul> <li>Image: A second s</li></ul>			Roundup Ready <sup>®</sup>	5% RIB
~	~	~	✓		Glyphosate Tolerant	5% E-Z Refuge®
					Roundup Ready®	
					Glyphosate Tolerant	



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 2050-2250

	Hybrid	СНИ	RM	CHU to 50% Silk	Silking RM	Characteristics	Companions
VTDoublepRO RIB	MZ 1200DBR	2050	72	1277	73	<ul> <li>One of the earliest DBR in Canada</li> <li>Excellent seedling vigour for early stand establishment</li> <li>Strong test weight and grain quality</li> </ul>	O = MZ 1340DBR D = E46J77 R
VTDoublepRO RIB	E44H12 R	2100	74	1302	74	<ul> <li>Excellent grain quality and test weight</li> <li>Excellent stalks and roots</li> <li>Stable across environments</li> </ul>	O = MZ 1340DBR D = E46J77 R
VTDoublepRO RIB	MZ 1340DBR	2150	73	1250	73	<ul> <li>&gt; Ultra-early flowering</li> <li>&gt; Excellent grain quality and test weight</li> <li>&gt; Open husk aids grain drydown</li> </ul>	O = E44H12 R D = MZ 1624DBR
AgrisureGT	E46J77 R	2150	76	1302	75	<ul> <li>&gt; Rapid grain setup allows movement north</li> <li>&gt; Outstanding grain quality</li> <li>&gt; Strong agronomics</li> </ul>	O = MZ 1340DBR D = MZ 1624DBR
CONV	MZ 154	2250	75	1301	75	<ul> <li>&gt; Rapid grain drydown</li> <li>&gt; Strong stalks facilitate harvest ease</li> <li>&gt; Strong disease package</li> </ul>	



 Maizex seed corn hybrids are tested for up to four 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 2250 CHU hybrid would be tested at multiple locations across Alberta, Manitoba, Quebec, and the Maritimes, while a 2900 CHU hybrid might be tested at multiple locations across Ontario and Quebec.

#### Nomenclature

#### MZ/LF/MS/LFG Prefix Hybrids



AA 1234AAA

MZ\*= MAIZEX Grain HybridLF, MS= MAIZEX Silage HybridLFG= MAIZEX Silage Hybrid with Floury Gene

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

#### **E Prefix Hybrids**



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

											Char	acteri	stics
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
<ul> <li>Responds to increased population</li> <li>Ideal for dual-purpose option</li> </ul>	4	Moves north of zone	34-36	9	Μ	12-14	8	8	9	9	8	7	UR
<ul> <li>&gt; Excellent dual-purpose option</li> <li>&gt; Below-average response to increased population</li> <li>&gt; Average response to intensive management</li> </ul>	5	Moves north of zone	34-36	9	M	14-16	9	8	8	9	8	7	5
<ul> <li>&gt; Above-average response to increased population</li> <li>&gt; Above-average response to intensive management</li> <li>&gt; Position for timely harvest</li> </ul>	7	Moves north of zone	34-36	9	M-S	12-14	7	8	8	9	6	7	5
> Excellent dual-purpose option	UR	Moves north of zone	32-34	9	M	14-16	9	8	8	9	6	7	5
<ul> <li>Excels in variable-yield environments</li> <li>Excellent dual-purpose option</li> </ul>	UR	Moves north and south of zone	32-34	8	M-S	14-16	9	9	8	8	8	7	7

Management

#### SMX or LR

SmartStax<sup>®</sup> RIB Complete<sup>®</sup> 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<sup>®</sup> RIB Complete<sup>®</sup> Corn with 5% refuge in the bag. European Corn Borer and Corn Earworm resistant; glyphosate tolerant.

#### **TRE hybrid**

Trecepta<sup>®</sup> 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.

#### **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

U/R = Unrated

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

**Plant Characteristics** 

#### 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: U/R = 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 GOSS's - Rating for Goss's Wilt Grain Corn

**Plant Disease** 



# Grain Corn Hybrids

	Hybrid	СНИ	RM	CHU to 50% Silk	Silking RM	Characteristics	Companions
VTDoublePRO By Counting RIB	MZ 1544DBR	2250	75	1301	75	<ul> <li>Excellent disease package promotes yield</li> <li>Strong agronomics for harvest ease</li> <li>Versatile placement north and south of zone</li> </ul>	O = E49K32 R D = MZ 1624DBR
VTDoublepro	MZ 1624DBR	2300	76	1345	77	<ul> <li>&gt; Excellent standability</li> <li>&gt; Impressive plant health and intactness</li> <li>&gt; Leading stress tolerance</li> </ul>	O = MZ 1688DBR D = E46J77 R
VTDoublepRO	MZ 1688DBR	2300	76	1323	77	<ul> <li>&gt; Rapid grain drydown</li> <li>&gt; Industry-leading plant health</li> <li>&gt; Extended stay-green for added yield</li> </ul>	O = E49K32 R D = MZ 1624DBR
VTDoublepRO BERD	E49K32 R	2300	79	1335	78	<ul> <li>Impressive late-season plant health</li> <li>Industry-leading yield</li> <li>Strong agronomics</li> </ul>	O = MZ 1688DBR D = E52V92 R
VTDoublepro Egeneration	E52V92 R	2450	82	1374	80	<ul> <li>Excellent grain quality and test weight</li> <li>Outstanding agronomics</li> <li>Early flowering</li> </ul>	0 = E49K32 R 0 = E53G52 R
Roundup Ready County	E52V97 R	2450	82	1374	80	<ul> <li>&gt; Excellent grain quality and test weight</li> <li>&gt; Outstanding agronomics</li> <li>&gt; Early flowering</li> </ul>	0 = E49K32 R 0 = E53G52 R
CONV	MZ 248X	2550	84	1515	86	<ul> <li>&gt; Reliable performance</li> <li>&gt; Impressive stalk strength</li> <li>&gt; High kernel mass</li> </ul>	O = MZ 305X
VTDoublepro RIB	E53G52 R	2550	83	1486	85	<ul> <li>&gt; Top-end yield potential</li> <li>&gt; Consistent performance across environments</li> <li>&gt; Superior standability</li> </ul>	O = E49K32 R D = E52V92 R
Agrisure Duracade szz et Minge E-Z Refuge®	MZ 2452DUR	2550	84	14 <mark>70</mark>	84	<ul> <li>&gt; Blocky ears with great grain quality</li> <li>&gt; Position on corn-after-corn fields</li> <li>&gt; Impressive seedling vigour for stand establishment</li> </ul>	O = MZ 2699DBR D = E56B22 R

	Ma	anagement		Plant Characteristics							Plant Disease Characteristics			
Positioning	Response to Intensive Management Score (0-10)	Geography	Seedling Vigour	Plant Height	# Kernel Rows	Stalk Strength	Plant Health	Grain Drydown	Test Weight	NCLB	ANTH	GOSS's		
<ul> <li>Excels in variable-yield environments</li> <li>Excellent dual-purpose option</li> </ul>	UR	Moves north and south of zone	32-34	8	M-S	14-16	9	9	8	8	8	7	7	
<ul> <li>Responds to increased population</li> <li>Ideal for delayed harvest</li> </ul>	UR	Moves south of zone	34-36	9	Т	14-16	9	8	8	8	8	7	7	
<ul> <li>Average response to fungicide</li> <li>Average response to population</li> <li>Excellent dual-purpose option</li> </ul>	5	Moves north and south of zone	32-34	9	Т	16-18	9	9	8	8	8	7	8	
<ul> <li>Moderate response to population</li> <li>Favourable response to fungicide and additional nitrogen</li> <li>Excels in high-yield environments</li> </ul>	8	Moves south of zone	32-34	8	M	16-18	9	8	8	8	8	UR	8	
<ul> <li>&gt; Above-average response to intensive management</li> <li>&gt; Above-average response to fungicide</li> <li>&gt; Excels in variable soils</li> <li>&gt; Moderate response to population</li> <li>&gt; Excellent dual-purpose option</li> </ul>	7	Moves north of zone	34-36	8	T	14-16	9	8	8	9	8	6	7	
<ul> <li>&gt; Above-average response to intensive management</li> <li>&gt; Above-average response to fungicide</li> <li>&gt; Excels in variable soils</li> <li>&gt; Moderate response to population</li> <li>&gt; Excellent dual-purpose option</li> </ul>	7	Moves north of zone	32-36	8	T	14-16	9	8	8	9	8	6	7	
<ul> <li>Favourable response to fungicide</li> <li>Less response to increased population</li> <li>Ideal for delayed harvest</li> </ul>	6	Moves south of zone	30-32	8	Т	16-18	9	8	8	7	7	7	8	
<ul> <li>Average response to fungicide</li> <li>Below-average response to intensive management</li> <li>Excels in high-yield environments</li> <li>Ideal for delayed harvest</li> </ul>	4	Moves south of zone	32-34	9	M-T	16-18	9	8	9	9	9	U/R	6	
<ul> <li>&gt; Favourable response to fungicide application</li> <li>&gt; Position for early harvest</li> <li>&gt; Excels in variable-yield environments</li> </ul>	UR	Moves north of zone	30-32	9	M-T	18-20	8	8	9	8	8	7	8	

**Brain** Cor

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#### Performance in the Field. Performance from your Feed.

# CHU 1900-2100 – Energy Plus Gilage

5	W.	Hybrid	Silage CHU	Silage RM	Silage CHU Position	CHU 50% Silk	Grain CHU	Grain RM	Characteristics
V	TDoublepRO En comment	MZ 1200DBR	1900	69	>1900	1277	2050	72	<ul> <li>&gt; Early flowering allows movement north</li> <li>&gt; Aggressive seedling vigour</li> </ul>
V	TDoublepRO RIB	E44H12 R	1950	71	>1950	1302	2100	74	<ul> <li>Rapid grain set for early geography</li> <li>Increased starch quantity</li> </ul>
V	TDoublepRO NU COMPLETE RIB	MZ 1340DBR	1975	71	>2000	1250	2150	73	<ul> <li>Increased starch quantity</li> <li>Early flowering allows movement north</li> </ul>
*	AgrisureGT	E46J77 R	2100	72	>2100	1302	2150	76	<ul> <li>Rapid grain set for early geography</li> <li>Early flowering allows movement north</li> </ul>
	Ready Ready CORN 2	MZ 1482R	2050	71	>2000	1382	2300	74	<ul> <li>&gt; Strong agronomics promotes yield</li> <li>&gt; Large, wide leaves for increased tonnage</li> </ul>
V	TDoublepRO RIB	MZ 1544DBR	2100	72	>2100	1301	2250	75	<ul> <li>Soft kernel density</li> <li>Strong disease package protects feed quality</li> </ul>

#### Nomenclature

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

#### SMX or LR

SmartStax<sup>®</sup> RIB Complete<sup>®</sup> 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<sup>®</sup> RIB Complete<sup>®</sup> Corn with 5% Refuge in the bag. European Corn Borer and Corn Earworm resistant; glyphosate tolerant.

#### R or 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 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.

#### 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.

*Energy Ques* multi-purpose hybrids produce high energy levels with the flexibility to use for silage, high moisture, or grain corn. *Feast Ques* silage-specific hybrids by comparison have been developed for their increased palatability, digestibility, and high-tonnage yield.

			Man	ageme	nt			Plant C	haracte	eristics	
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	Μ	Μ	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	Μ	Μ	9	8	7
> Tolerates cold climate well	32-34	R	7	7	8	9	М	М	9	8	7
Impressive ear with increased starch availability	32-34	R	7	7	8	9	М	VS	9	8	7
> Ideal for high starch rations	32-34	R	7	7	8	9	Т	S	9	8	8

Herbicide Sensitivity Caution: Avoid post-emergent application of Group 27 & 28 herbicides (ex. Converge<sup>®</sup>, Callisto<sup>®</sup>, Impact<sup>™</sup>) 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 2150-2650 - Energy Plus 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	<ul> <li>Large robust plant type</li> <li>Increased starch quantity for maximum energy</li> </ul>
VTDoublepro Big converte RIB	E52V92 R	2300	77	>2300	1374	2450	82	<ul> <li>Early grain-set reduces risk north of zone</li> <li>High starch content</li> </ul>
Roundup Ready CORN 2	E52V97 R	2300	77	>2300	1374	2450	82	<ul> <li>Early grain-set reduces risk north of zone</li> <li>High starch content</li> </ul>
Agrisure Duracade still traded E-Z Refuge®	MZ 2452DUR	2400	80	>2400	1470	2550	84	<ul> <li>&gt; Wider window for optimum harvest</li> <li>&gt; Impressive plant stature</li> </ul>
CONV	MZ 248X	2400	81	>2400	1515	2550	84	<ul> <li>&gt; Excellent stay-green for flexible harvest</li> <li>&gt; Robust plant type increases yield</li> </ul>
Roundup Ready CORN 2	E55T37 R	2450	82	>2450	1488	2600	85	<ul> <li>Aggressive seedling vigour for rapid canopy closure</li> <li>Excellent standability</li> </ul>
	MZ 2699DBR	2450	83	<b>&gt;</b> 2450	1515	2600	86	<ul> <li>&gt; Early grain-set reduces risk north of zone</li> <li>&gt; Rapid canopy establishment</li> </ul>
SmartStax RIB	MZ 2812SMX	2550	85	<b>&gt;</b> 2500	1589	2700	88	<ul> <li>Excellent plant health for flexible harvest</li> <li>Adapted to elevated populations</li> </ul>
Agrisure Duracade <sup>3722 E-Refuge®</sup>	MS 9240EZR	2700	88	>2600	1650	2750	92	<ul> <li>&gt; Advanced above-ground insect control</li> <li>&gt; Robust plant type with wide leaves</li> </ul>
SmartStax RIB	MZ 3397SMX	2625	89	>2600	1622	2775	93	<ul> <li>Leading plant health maximizes quality</li> <li>Position on corn-after-corn fields</li> </ul>
VTDoublepRo BIB	E65G82 R	2650	90	>2650	1601	2800	94	<ul> <li>Industry-leading silage performance</li> <li>Early flowering allows northern adaptation</li> </ul>

			Mar	ageme	nt			Plant C	haracte	eristics		
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	
<ul> <li>Early maturity allows movement north of zone</li> </ul>	32-34	R	8	8	8	9	M-T	S	9	8	7	
> Outstanding agronomics	32-36	R	8	7	7	8	M-T	М	9	8	9	
 <ul> <li>Outstanding agronomics</li> </ul>	32-36	R	8	7	7	8	M-T	М	9	8	9	
> Large ears enhance starch quantity	30-32	С	8	8	8	9	Т	М	8	8	8	
> Blocky ears promotes starch quantity	30-32	R	8	7	8	8	м	S	8	8	7	
<ul> <li>Enhanced stay-green allows flexible harvest</li> </ul>	32-34	R	8	7	8	9	Т	М	9	8	8	
<ul> <li>Large ears promotes higher starch values</li> </ul>	32-34	R	9	8	6	9	M-T	М	9	8	8	
> Position on corn-after-corn fields	34-36	С	8	7	7	8	M-T	М	9	8	9	
> Large ears enhance starch quantity	30-34	R	8	8	8	9	M-T	S	9	8	7	
> Large ears enhance starch quantity	34-36	С	9	7	8	9	M-T	М	9	8	8	
> Excellent spring vigour	32-34	R	9	7	9	9	M-T	М	9	8	7	

Ration MZ Silage Corn

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# **Maizex** Ration MZ Silage Corn Hybrids

CHU 2200-2600 - Feast Plus Silage

	Hybrid	Silage CHU	Silage RM	Silage CHU Position	CHU 50% Silk	Grain CHU	Grain RM	Characteristics
Roundup Ready COMM 2	MS 7420R	2200	74	>2150	1345	2300	77	<ul> <li>Increased starch availability</li> <li>Aggressive seedling vigour</li> </ul>
Roundup Ready com/2	MS 8022R	2250	75	>2200	1298	2400	78	<ul> <li>&gt; Industry-leading early season vigour</li> <li>&gt; Rapid grain set for early geography</li> </ul>
Roundup Ready com 2	LF 728R	2300	74	>2200	1319	2500	83	<ul> <li>&gt; Benchmark for and grazing corn</li> <li>&gt; White cobs for more palatable silage</li> </ul>
VTDoublePRO Becometer RIB	MS 7733DBR	2350	77	>2300	1337	2500	81	<ul> <li>Above-ground insect protection</li> <li>Early flower allows northern movement</li> </ul>
Roundup Ready COMM 2	NEW MS 8270R	2450	82	>2450	1370	2600	85	<ul> <li>&gt; Strong agronomics</li> <li>&gt; Extended stay-green preserves silage quality</li> </ul>
Agrisure Duracade SD2 Febbyer E-Z Refuge®	MS 8411DUR	2450	82	>2450	1589	2600	86	<ul> <li>&gt; Proven genetics</li> <li>&gt; Large ears with soft kernel texture</li> </ul>
Roundup Ready COMM 2	<i>NEW</i> MS 8632R	2550	86	>2550	1530	2700	90	<ul> <li>Adapted for northern movement</li> <li>Impressive tonnage</li> </ul>
SmartStax By Connection	LF 9066SMX	2600	87	>2600	1610	2750	91	<ul> <li>&gt; Large, robust stature for maturity</li> <li>&gt; Adapted for movement north</li> </ul>
Roundup Ready COM 2	VENZA R	2600	88	>2600	1518	2750	92	<ul> <li>Impressive plant size for increased tonnage</li> <li>Industry-leading silage performance</li> </ul>

			Man	ageme	nt			Plant C	haracte	ristics		
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	
→ White cobs for more palatable silage	28-32	R	8	8	8	9	т	S	8	8	7	
> Large harvest window	32-34	R	9	8	8	9	VT	Μ	8	8	8	
> Rapid grain setup for maturity	28-30	R	8	8	8	9	M-T	Μ	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	M-T	M	8	8	7	
> Robust plant type	30-32	С	8	8	8	8	M	S	8	8	7	
> Attractive plant type	30-32	R	9	8	8	9	M-T	M	8	8	7	
> Enhanced trait package	28-32	С	8	8	8	8	т	M	8	8	8	
<ul> <li>Enhanced stay-green allows flexible harvest</li> </ul>	30-34	R	9	9	8	9	VT	M	8	8	7	

Ration MZ Silage Corn

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### maizex Ration MZ Silage Corn Hybrids 🥖

CHU 2750-2900 - Feast Plus Silage

	Hybrid	Silage CHU	Silage RM	Silage CHU Position	CHU 50% Silk	Grain CHU	Grain RM	Characteristics
CONV Leafy Floury	LFG 875	2750	92	>2700	1614	2900	97	<ul> <li>&gt; Floury gene for early starch availability at harvest</li> <li>&gt; Industry-leading tonnage</li> </ul>
Ready com	LFG 8755R	2750	91	>2700	1614	2900	97	<ul> <li>Floury gene for early starch availability at harvest</li> <li>Industry-leading tonnage</li> </ul>
SmartStax Big complete RIB	LF 8890SMX	2800	94	>2750	1637	2950	99	<ul> <li>Proven genetics for yield stability</li> <li>Extended harvest window</li> </ul>
Leafy Floury	LFG 9701R	2900	97	>2900	1690	3050	101	<ul> <li>&gt; Floury gene for early starch availability at harvest</li> <li>&gt; Unmatched yield potential</li> </ul>

## did you KNOW?

- Maizex does comprehensive testing each year on potential and new corn silage hybrids in regions across the country. Beyond yield, our focus is on silage quality relating to 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.
- This testing includes an investment in equipment to expand silage hybrid testing in key regions across Western Canada to provide relevant local results.



			Man	ageme	nt			Plant C	haracte	ristics		
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	
<ul> <li>Very good seedling vigour</li> </ul>	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	С	8	8	8	8	Т	M	8	8	8	
> White cob for increased digestibility	28-32	R	9	9	9	8	VT	VS	7	9	7	



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# **TABLEX:** Ration MZ Grazing Corn Hybrids

	Hybrid	Silage CHU	Silage RM	Silage CHU Position	CHU 50% Silk	Grain CHU	Grain RM	Characteristics
VTDoublepro Beconsust	MZ 1200DBR	1900	69	>1900	1277	2050	72	<ul> <li>&gt; Early flowering allows movement north</li> <li>&gt; Aggressive seedling vigour for canopy establishment</li> </ul>
Roundup Ready CORM 2	MZ 1482R	2050	71	>2000	1382	2300	74	<ul> <li>Excellent standability in wind and snow</li> <li>Large, wide leaves promote increased grazing days</li> </ul>
AgrisureGT	E46J77 R	2000	72	<b>&gt;</b> 1950	1338	2150	76	<ul> <li>Rapid grain set for early geography</li> <li>Increased starch quantity</li> </ul>
Roundup Ready CORM 2	MS 7420R	2200	74	>2100	1345	2300	77	<ul> <li>&gt; Balance of energy and digestibility for cows</li> <li>&gt; Moderate stature allows easier grazing</li> </ul>
Roundup Ready CORM 2	MS 8022R	2250	75	>2300	1298	2450	78	<ul> <li>&gt; Strong stalks allow additional grazing days</li> <li>&gt; Early flowering allows northern adaptation</li> </ul>
Roundup Ready CORM 2	LF 728R	2300	76	>2200	1319	2500	83	<ul> <li>Industry standard for grazing</li> <li>Rapid grain-set for early geography</li> </ul>
VTDoublepRO	MS 7733DBR	2350	77	<b>&gt;</b> 2300	1337	2500	84	<ul> <li>Proven genetics for increased grazing days</li> <li>Early flowering allows northern movement</li> </ul>



		Μ	anagem	ent			Plant Ch	aracteri	stics			
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	
<ul> <li>Excellent stalk strength to maximize grazing days</li> </ul>	34-36	R	7	7	8	8	Μ	Μ	9	8	7	
<ul> <li>Rapid spring vigour for stand establishment</li> </ul>	32-34	R	7	7	8	9	Μ	VS	8	8	7	
<ul> <li>Moderate stature allows easier grazing</li> </ul>	32-34	R	7	7	8	9	Μ	М	9	8	7	
> Good husk cover to maintain feed value	28-32	R	8	8	8	9	т	S	8	8	7	
<ul> <li>Impressive stay-green optimizes feed quality</li> </ul>	32-34	R	9	8	8	9	Т	М	8	8	8	
> Aggressive seedling vigour	28-30	R	8	8	8	9	M-T	Μ	8	8	7	
<ul> <li>Increased starch availability to maintain energy</li> </ul>	28-30	R	9	8	8	9	т	Μ	8	8	7	

# ELITE New Soybean Varieties 🔊

#### **Outstanding Yield and Flexibility for Prairie Farmers**

New Elite brand soybean varieties combine stellar yield performance with a range of in-seed or seed-applied technologies. This includes multiple herbicide-tolerant varieties for maximum weed-control flexibility.

Maizex conducts extensive testing across Canada to determine not only the best varieties for our customers but also, importantly, how best to position them for success.

#### **Elite Soybean Traits**

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

	HERBICIDE	TOLERANCE		
Traits	Features	Positioning	Glyphosate (RR)	Dicamba
ROUNDUP READY 2	Benefits of glyphosate and new lower- volatility formulations of dicamba, such as Xtendimax <sup>®</sup> herbicide. Outstanding weed control including glyphosate-tolerant weeds such as fleabane.	Position dicamba applications for pre-plant or early post to maximize weed control.	~	~
Roundup 2 yield	Unique high-yielding genetics with excellent disease tolerance, including to white mold.	Position where herbicide-tolerant 1weeds are not an issue.	~	


### **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 flexibility to meet your field-by-field needs, talk to your Maizex Seeds dealer about the best seed treatment strategy for your farm. To help ensure a successful soybean crop, consider pre-inoculation of your soybeans to aid in nitrogen fixation during the season and to also save you time at planting.

		SEED T	REATMENT OPTI	ONS
Soybean Seed Treatments	Description	Insecticide, Fungicide & Pre-inoculated	Fungicide & Pre-inoculated	Fungicide Only
LAL IN PROYIELD LIQUID SOY BEAN	Combines unique strain of Rhizobium with unique biological for plant health and nutrient uptake to increase your yield potential. Promotes aggressive nodulation and uptake of nutrients.	~	~	~
CruiserMaxx <sup>®</sup> Vibrance <sup>®</sup> Beans	Proven broad-spectrum insect protection.	~		
Vibrance <sup>®</sup> Maxx	Broad-spectrum seed- and seedling-disease control.	<ul> <li>Image: A start of the start of</li></ul>	✓	<ul> <li>Image: A start of the start of</li></ul>

# ELITE Soybeans

1×1-	Variety	CHU	RM	Characteristics	
Ready 2 VIELD SOTELANS	<b>NEW</b> Buffalo R2	2175	000.6	<ul> <li>Excellent yield potential</li> <li>High first pod promotes harvest ease</li> </ul>	> Excellent standability
ROUNDUP READY 2 TEND SOYBEANS	<b>NEW</b> Pikas R2X	2300	00.1	<ul> <li>&gt; Strong IDC tolerance</li> <li>&gt; Excellent disease package</li> </ul>	> Great yield performance
	NEW Komodo R2	2325	00.2	<ul> <li>Leading yield potential</li> <li>Strong <i>Phytophthora</i> tolerance</li> </ul>	> Excellent standability
ROUNDUP READY 2 TEND SOYBEANS	<b>NEW</b> Badger R2X	2425	00.6	<ul> <li>&gt; Strong yield performance</li> <li>&gt; Excellent IDC tolerance</li> </ul>	> Tall variety for maturity

## did you KNOW?

- Maizex plants thousands of soybean plots every year to test for agronomic characteristics and, in particular, disease tolerance. This includes extensive testing on diseases and deficiencies such as iron chlorosis and white mold. These trials are to ensure the fit and positioning of the varieties we advance for your farm.
- It can take up to 9 years or more for a soybean variety to move from initial crossing to commercial sales. It takes this time to both select for yield and quality from a few plants in a plot to backcrossing and ensuring 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
- **IDC: T** = Tolerant, **ST** = Semi-tolerant, **S** = Susceptible
- 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	<i>Phytophthora</i> Resistance Gene	<i>Phytophthora</i> Field Tolerance	White Mould	IDC	Seedling Vigour	Standability	Plant Height	Canopy	Wide Row Adaptability	Pubescence/Pod Colour	Flower/Hilum Colour	Average Seed Size (Bean/Lb of Seed)	
S		A	A	ST	8	9	Μ	S	BA	B/LB	P/B	2413	
PI88788	Rps1c	A	AA	т	8	8	т	SB	AA	T/B	P/BL	2925	
PI88788	Rps1c	AA	AA	ST	8	9	MT	SB	A	B/B	P/G	2925	
S	Rps1k	AA	A	т	8	9	MT	SB	A	T/B	P/BL	2462	

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

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- It takes well over 10 years and hundreds of millions of dollars to register a genetically modified trait or pesticide on a global basis. Share the fact that farmers cannot use or even try any new seed-based technology until there is government approval based on years of extensive testing to ensure human health and environmental safety.
- Ever seen the pictures of the dust bowl years in the 19th century? Reduced tillage and notill farming are primary means farmers have 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, compromising both soil and water quality.

## did you KNOW?

- Seed treatments are used in corn and soybeans 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 2.3m<sup>2</sup>/ha (25 ft<sup>2</sup>/acre) when compared to broadcast applications covering 1 ha (10,000m<sup>2</sup> or 43,560 ft<sup>2</sup>/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 they need to ensure a safe, harvestable crop.



# 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 life with the highest standard of living on the planet.

We don't often have the opportunity to share these facts with our urban neighbours, but through the pandemic, everyone has been reminded of the importance and fragility of our food supply. Today, people are asking questions not only about food safety but also food security. This presents an opportunity for agriculture to share our story about the benefits of sustainability, modern agriculture, and the role we play in ensuring nutrition to our population even through difficult times.

The best way to educate consumers, including your family, friends, and neighbours, is to share your story. Farmers have a high level of credibility with consumers, and you can play an important role in communicating what you do and why to ensure a safe and nutritious food supply. That is why we launched Be Rooted, Be Involved—to provide you with information on the technologies we use in agriculture today and how they are important to the security of our food supply and in our role as farmers in preserving the environment for future generations.

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 have to constantly measure the threats to your crops and make the decision, working with trusted professionals trained to provide expertise in pest management, to use specific technologies that help you 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 the people around you but for all Canadians and our global community.





## 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 now requires the use of Bayer CropScience's Fluency Agent to reduce dust. 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<sup>®</sup> (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<sup>®</sup> 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<sup>®</sup> 2 Technology contains genes that confer tolerance to glyphosate. Products with XtendFlex<sup>®</sup> Technology contains genes that confer tolerance to glyphosate, glufosinate and dicamba. Roundup Ready 2 Xtend<sup>®</sup> 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 glyphosate. Dicamba 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<sup>®</sup> 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.

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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®, Cruiser Maxx®, E-Z Refuge®, Fortenza®, Maxim®, and Vibrance® are trademarks of a Syngenta Group Company. HERCULEX\*1 HERCULEX\*1

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 theHERCULEX® 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<sup>™</sup> Soybeans – PRODUCT USE STATEMENT: Enlist E3<sup>™</sup> 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<sup>®</sup> technology when applied according to label directions. Following burndown, the only 2,4-D containing herbicide products that may be used with Enlist<sup>™</sup> 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<sup>®</sup> (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<sup>™</sup> 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/traitstewardship.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. <sup>®™</sup> 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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## Your Field. Your Farm.

Field Name	Acres	Maizex Products	Recommendations

#### Notes







Contact your Maizex Seeds dealer for a more detailed crop planner for your farm

#### **MAIZEX SEEDS INC.**

4488 Mint Line, RR#2 Tilbury, Ontario NOP 2L0

Phone: (877) 682-1720 | Fax: (877) 682-2144 | E-mail: info@maizex.com | Twitter: @Maizex | www.maizex.com

#### Management -



Dave Baute President Toll free: (877) 682-1720 Dave.Baute@maizex.com Twitter: @beinov8er



**Blake Ashton** General Manager Toll free: (877) 682-1720 Blake.Ashton@maizex.com



Stephen Denys Director of Market & Product Development Toll free: (877) 682-1720 Stephen.Denys@maizex.com Twitter: @stevedenys



Mike Vanderlip Operations Manager Toll free: (877) 682-1720 Mike.Vanderlip@maizex.com



Shane Jantzi National Sales Manager (519) 778-7715 Shane.Jantzi@maizex.com Twitter: @shanejantzi



Shawn Winter Product Development Manager – Corn Toll free: (877) 682-1720 Shawn.Winter@maizex.com Twitter: @SWinter\_Maiz



Jeremy Visser Product Development Manager – Soybeans Toll free: (877) 682-1720 Jeremy.Visser@maizex.com

#### Karen Dunlop Marketing Coordinator Toll free: (877) 682-1720 Karen.Dunlop@maizex.com

#### Agronomy –



Greg Stewart Agronomy Lead (226) 820-2203 Greg.Stewart@maizex.com

#### Western Canada



Jarret Geisel Manitoba North and Saskatchewan (204) 841-8307 Jarret.Geisel@maizex.com Twitter: @geisel\_jarret



Danielle MacCallum Alberta (403) 715-2628 Danielle.MacCallum@maizex.com Twitter: @maccallumfarm





