



**SEED** grain  
**GUIDE** silage  
**2021** soybeans





YOUR 2021 HORIZON SEEDS PRODUCT GUIDE.

## TRUSTED. CANADIAN. YIELD

One thing is for certain - change. This past year has transformed almost every aspect of how we live, work and play and now more than ever we see the value of the term “Canadian owned and operated” and the importance of keeping our local businesses relevant. We know you have many choices in where and how you decide to buy seed and we at Horizon Seeds will do our best to make us a valued investment for your operation. Everyday we strive to be a leader in the seed supply industry. Being family owned and fully Canadian is what makes our team proud and excited to sell solutions to growers to help make them better operations.

As we plan ahead for the 2021 crop year, we should not forget to celebrate the successes, whether big or small, we have enjoyed this past year. They should not be reduced, in our collective memories, to the current public health crisis. We are excited to be expanding our brand further and deeper from coast to coast. The launch of new technologies, new products have all helped our growth, and most important the people that surround our company - staff, dealers and customers are who we are truly grateful for.

This year we ask you to shop local and consider Horizon Seeds when it comes to corn or soybean acres on your farm this coming season. We sincerely hope that you will be an important part of this year as we continue to grow our partnerships with community producers.

*Rick Van Laacke*  
President





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*our purpose*

# “IMPROVING LIVES BY REALIZING THE POTENTIAL OF A SEED”

## **SAVE \$\$\$ WITH OUR DISCOUNT PROGRAMS**

combine programs to save even more!

- EARLY ORDER
- EARLY PAY
- VOLUME

Contact a Horizon Seeds dealer to learn more

## **REGIONAL BUSINESS LEADS**

### **WESTERN CANADA**

GARETT VELDMAN  
c: 204-750-2919  
garett@horizonseeds.ca

### **SOUTHWESTERN ONTARIO**

TROY MARTIN  
c: 226-688-5857  
troy@horizonseeds.ca

### **EASTERN ONTARIO, QUEBEC & MARITIMES**

CRAIG CARSON  
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craig@horizonseeds.ca



# HYBRID QUICK GUIDE

Product	Placement			Herbicide & Insect Tolerance			
Hybrid	Trait Platform	CHU	RM	Glyphosate	Glufosinate	Above-Ground insects	Above & Below Ground Insects
HZ 1265	GT	2150	72	✓	-	-	-
<b>NEW</b> HZ 1267	3010	2150	72	✓	✓	✓	-
HZ 1451	3120	2200	74	✓	✓	✓	-
HZ 1686	GT	2250	76	✓	-	-	-
HZ 1685	3110	2250	76	✓	✓	✓	-
<b>NEW</b> HZ 1710	3010	2300	77	✓	✓	✓	-
HZ 1840	CONV	2350	78	-	-	-	-
HZ 675	3010	2350	78	✓	✓	✓	-
HZ 1912	3120	2375	79	✓	✓	✓	-
HZ 2220	3010	2400	79	✓	✓	✓	-
HZ 2315	CONV	2500	83	-	-	-	-
HZ 2532	CONV	2550	85	-	-	-	-
HZ 2534	3220	2550	85	✓	✓	✓	-
HZ 2536	5222	2550	85	✓	✓	✓	✓
HZ 2708	3010	2600	87	✓	✓	✓	-
HZ 2810	GT	2625	88	✓	-	-	-
HZ 2853	3120	2650	88	✓	✓	✓	-
HZ 2944	CONV	2675	89	-	-	-	-
HZ 2980	CONV	2675	89	-	-	-	-
HZ 794	CONV	2700	90	-	-	-	-
<b>NEW</b> HZ 3020	GT	2700	90	✓	-	-	-
<b>NEW</b> HZ 3050	5122	2700	90	✓	✓	✓	✓
HZ 797GT	GT	2700	90	✓	-	-	-
HZ 3366	CONV	2700	91	-	-	-	-

Product	Placement			Herbicide & Insect Tolerance			
Hybrid	Trait Platform	CHU	RM	Glyphosate	Glufosinate	Above-Ground Insects	Above & Below Ground Insects
HZ 3288	CONV	2750	92	-	-	-	-
HZ 877	3000GT	2750	92	✓	✓	✓	✓
HZ 878	3220	2750	92	✓	✓	✓	-
HZ 3245	3220	2750	92	✓	✓	✓	-
HZ 3247	5222	2750	92	✓	✓	✓	✓
HZ 3330	3000GT	2800	93	✓	✓	✓	✓
HZ 3295	3120A	2825	94	✓	✓	✓	-
<b>NEW</b> HZ 3582	3220	2850	95	✓	✓	✓	-
<b>NEW</b> HZ 3584	5222	2850	95	✓	✓	✓	✓
<b>NEW</b> HZ 3676	CONV	2875	96	-	-	-	-
HZ 3790	GT	2900	97	✓	-	-	-
HZ 991	CONV	2900	97	-	-	-	-
HZ 3787	3220	2900	97	✓	✓	✓	-
HZ 3717	CONV	2900	97	-	-	-	-
HZ 1028	CONV	3000	100	-	-	-	-
HZ 4010	3220A	3000	100	✓	✓	✓	-
HZ 4037	3111	3000	100	✓	✓	✓	✓
HZ 4097	GT	3000	100	✓	-	-	-
HZ 1040	3111	3025	101	✓	✓	✓	✓
HZ 4101	3220	3025	101	✓	✓	✓	-
HZ 1052GT	GT	3050	102	✓	-	-	-
HZ 4398	3220	3075	103	✓	✓	✓	-
<b>NEW</b> HZ 4314	5122	3100	103	✓	✓	✓	✓

CANADIAN OWNED, CANADIAN GROWN



Horizon Seeds product line is derived from both a global and in-house breeding and testing program designed to bring you - the Canadian grower, the best corn hybrids. We know how important it is when considering what to grow, which is why we focus on bringing the best genetics forward first, then pairing with the best farm trait and treatment technologies to optimize and mitigate risks associated with crop production.

## LEAD WITH **GENETICS**







## **NON - GMO EXCELLENCE PROGRAM**

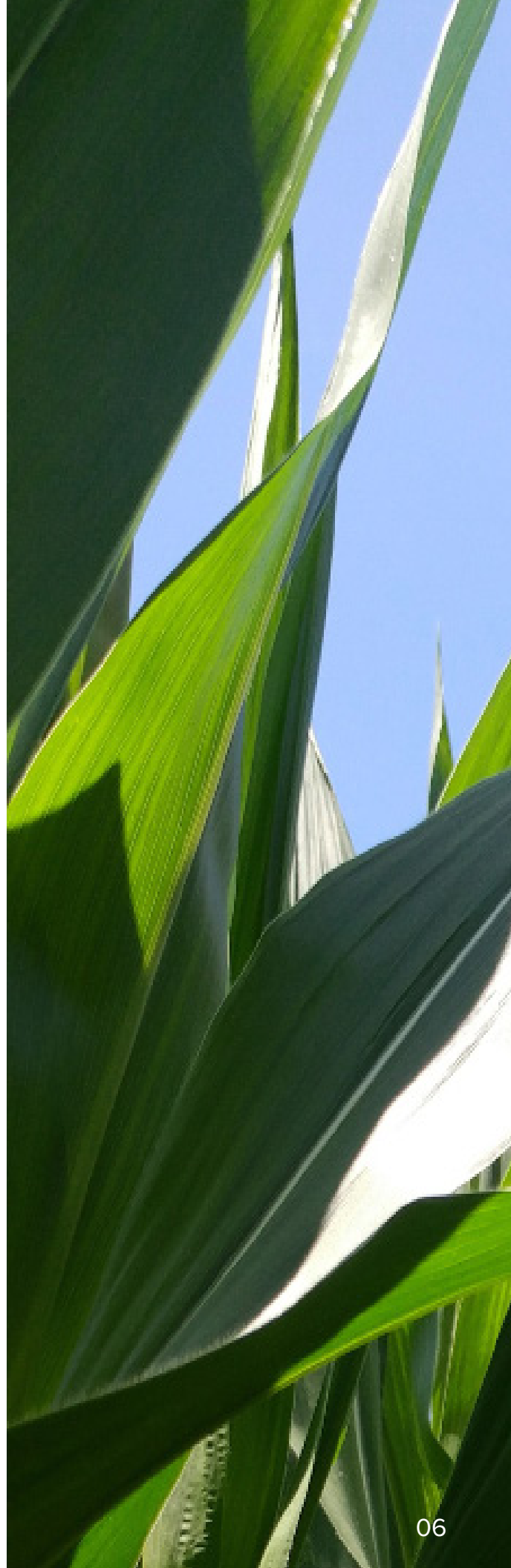
NGX is a quality assurance program providing growers who need non-gmo seed. Horizon Seeds' NGX program gives growers the confidence needed to grow the cleanest product possible in the industry.

Suitable for:

- Organic systems
- Non-GMO Feed/Mills
- Value added markets

To learn more about this program, contact a Horizon Dealer near you, or one of our Regional Business Leads.

**MORE OPTIONS  
MORE CHOICES**


























# PROVIDING SOLUTIONS

## TRAITS & TECHNOLOGY

The Agrisure® traits portfolio offers a range of technologies that help you manage production challenges and protect the genetic yield potential of your hybrid. From best-in-class insect control to water optimization, we can help you find the right combination to get the most from your field.

	Description	E-Z Refuge	Type of Insects controlled
 <b>Agrisure<sup>®</sup>GT</b>	The Agrisure <sup>®</sup> GT trait provides tolerance to in-crop applications of glyphosate-based herbicides. This hybrid is an excellent option for refuge acres in a structured refuge operation.	--	Herbicide Only
 <b>Agrisure<sup>®</sup>3010</b> 	Corn borer control with glyphosate and glufosinate tolerance.	--	Above-ground insects
 <b>Agrisure<sup>®</sup>3120</b> E-Z Refuge <sup>®</sup> 	Multiple modes of action against corn borer and suppression of ear-feeding insects.	✓	
 <b>Agrisure<sup>®</sup>Viptera<sup>®</sup></b> 3110 	Agrisure Viptera <sup>®</sup> 3110 provides excellent control of above-ground insects where corn rootworm is not a key problem.	--	
 <b>Agrisure<sup>®</sup>Viptera<sup>®</sup></b> 3220 E-Z Refuge <sup>®</sup> 	Agrisure Viptera <sup>®</sup> 3220 E-Z Refuge <sup>®</sup> features multiple modes of action for unsurpassed control of broad lepidopteran pests and corn borer.	✓	
 <b>Agrisure<sup>®</sup>Artesian<sup>®</sup></b> 3120A E-Z Refuge <sup>®</sup> 	Season-long water optimization, two modes of action against corn borer and herbicide flexibility with an integrated refuge.	✓	
 <b>Agrisure<sup>®</sup>Viptera<sup>®</sup></b> 3220A E-Z Refuge <sup>®</sup> 	Multiple modes of action for unsurpassed control for broad lepidopteran pests and corn borer with the convenience of an integrated E-Z Refuge seed blend and season-long water optimization.	✓	
 <b>Agrisure<sup>®</sup>3000GT</b> 	Consistent protection from corn borer and corn rootworm with herbicide flexibility.	--	Above & Below-ground insects
 <b>Agrisure<sup>®</sup>Viptera<sup>®</sup></b> 3111 	Comprehensive, season-long protection against above-ground insects - including corn rootworm.	--	
 <b>Agrisure<sup>®</sup>Duracade<sup>®</sup></b> 5122 E-Z Refuge <sup>®</sup> 	Agrisure Duracade <sup>®</sup> 5122 E-Z Refuge <sup>®</sup> helps protect your crop all season long against above and below-ground insects, including corn rootworm and corn borer.	✓	
 <b>Agrisure<sup>®</sup>Duracade<sup>®</sup></b> 5222 E-Z Refuge <sup>®</sup> 	Agrisure Duracade <sup>®</sup> 5222 E-Z Refuge <sup>®</sup> offers premium above and below-ground control of 16 damaging insects, including corn rootworm.	✓	



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.



Enlist E3<sup>®</sup> soybeans provide elite, high yielding soybean genetics and industry leading multi-mode of action herbicide tolerance. A multi-mode of action program approach is recommended to minimize the potential for the development of resistant weeds. This includes the use of residuals and complementary effective modes of action for pre-emergent and in-crop weed control.



Roundup Ready 2 Xtend<sup>®</sup> soybeans combine the proven yield potential of the Roundup Ready 2 Yield<sup>®</sup> soybean trait, along with tolerance to both dicamba and glyphosate. Roundup Ready 2 Yield<sup>®</sup>, which is a key component of Roundup Ready 2 Xtend<sup>®</sup> soybeans, has been shown to produce more beans per pod and more bushels per acre vs. original Roundup Ready<sup>®</sup> soybeans.



Roundup Ready 2 Yield<sup>®</sup> soybeans have built-in potential with farmers seeing more 3, 4, and 5 bean pods than original Roundup Ready<sup>®</sup> soybeans. Roundup Ready 2 Yield<sup>®</sup> offers the same great weed protection that farmers have come to expect from original Roundup Ready<sup>®</sup> soybeans but with more yield potential.

## A NEW DIMENSION OF INSECT CONTROL.

**Give your field something different.** With a unique mode of action that delivers best-in-class performance, Agrisure Duracade<sup>®</sup> trait stacks provide industry-leading above- and below-ground insect control.

Make the switch and experience the Agrisure Duracade difference.

Visit [Syngenta.ca/Agrisure-Duracade](http://Syngenta.ca/Agrisure-Duracade).



Always read and follow label directions. Availability of hybrids containing the Agrisure Duracade trait is not guaranteed. Agrisure Duracade<sup>®</sup>, E-Z Refuge<sup>®</sup>, the Alliance Frame, the Purpose Icon and the Syngenta logo are trademarks of a Syngenta Group Company. © 2019 Syngenta.

 **AgrisureDuracade<sup>®</sup>**

**syngenta<sup>®</sup>**

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## HZ 2315

2500 CHU / 83 RM

**Population**  
32,000 - 38,000

**Ear Type**  
Flex

**Plant Height**  
Tall

### CONVENTIONAL

- Excellent stalk strength
- Good drought tolerance
- Erect leaves give good light distribution

DROUGHT TOLERANCE

STALK STRENGTH

TEST WEIGHT

1 2 3 4 5 6 7 8 9 10

## HZ 2532

2550 CHU / 85 RM

**Population**  
32,000 - 38,000

**Ear Type**  
Semi-flex

**Plant Height**  
Medium

### CONVENTIONAL

- Great top end yield potential
- Excellent stalks and roots
- Above average test weight

DROUGHT TOLERANCE

STALK STRENGTH

TEST WEIGHT

1 2 3 4 5 6 7 8 9 10

## HZ 2944

2675 CHU / 89 RM

**Population**  
30,000 - 34,000

**Ear Type**  
Semi-flex

**Plant Height**  
Medium

### CONVENTIONAL

- Good early season vigour & crop canopy
- Average plant height with low ear set
- Excellent top end yield potential

DROUGHT TOLERANCE

STALK STRENGTH

TEST WEIGHT

1 2 3 4 5 6 7 8 9 10

## HZ 2980

2675 CHU / 89 RM

**Population**  
30,000 - 34,000

**Ear Type**  
Semi-flex

**Plant Height**  
Medium

### CONVENTIONAL

- Excellent flare with quick drydown
- Performs best on well fed soils
- Good stalks and roots

DROUGHT TOLERANCE

STALK STRENGTH

TEST WEIGHT

1 2 3 4 5 6 7 8 9 10

## HZ 794

2700 CHU / 90 RM

**Population**  
30,000 - 34,000

**Ear Type**  
Semi-flex

**Plant Height**  
Tall

### CONVENTIONAL

- Good early season vigour and canopy cover
- Strong stalks and roots
- Great drought tolerance

DROUGHT TOLERANCE

STALK STRENGTH

TEST WEIGHT

1 2 3 4 5 6 7 8 9 10

## HZ 3366

2700 CHU / 91 RM

**Population**  
32,000 - 36,000

**Ear Type**  
Fixed

**Plant Height**  
Medium

### CONVENTIONAL

- Great standability with strong stalks and roots
- Average plant height with girthy ears
- Excellent spring vigour

DROUGHT TOLERANCE

STALK STRENGTH

TEST WEIGHT

1 2 3 4 5 6 7 8 9 10

Product			Growth						Primary Herbicide & Insect Tolerance						Harvest		
Hybrid	CHU	RM	Seed Vigour	Canopy Cover	Plant Height	Stalk Strength	Root Strength	Drought Tolerance	Glyphosate	Glufosinate	European Corn Borer	Western Bean Cutworm	Black Cutworm	Corn Rootworm	Drydown	Test Weight	Silage Appeal
HZ 2315	2500	83	8	9	T	10	10	9	-	-	-	-	-	-	8	9	9
HZ 2532	2550	85	8	7	M	10	10	8	-	-	-	-	-	-	8	9	9
HZ 2944	2675	89	9	8	M	7	7	7	-	-	-	-	-	-	8	8	7
HZ 2980	2675	89	7	7	M	8	8	7	-	-	-	-	-	-	9	8	6
HZ 794	2700	90	9	9	T	8	9	9	-	-	-	-	-	-	7	8	8
HZ 3366	2700	91	9	9	M	9	10	9	-	-	-	-	-	-	9	8	9

NOTES

Rating Scale

10 = Excellent

5 = Average

1 = Poor

Plant Height

S = Short

M = Medium

T = Tall

VT = Very Tall



## HZ 3288

2725 CHU / 92 RM

**Population**  
32,000 - 36,000

**Ear Type**  
Semi-flex

**Plant Height**  
Tall

### CONVENTIONAL

- High top end yield potential
- Quick to canopy cover
- Tall plant with good ear placement

DROUGHT TOLERANCE

STALK STRENGTH

TEST WEIGHT

1 2 3 4 5 6 7 8 9 10

## HZ 3676

2875 CHU / 96 RM

**Population**  
32,000 - 36,000

**Ear Type**  
Fixed

**Plant Height**  
Tall

NEW

### CONVENTIONAL

- High test weight
- Good stalk and root strength
- Great spring vigour

DROUGHT TOLERANCE

STALK STRENGTH

TEST WEIGHT

1 2 3 4 5 6 7 8 9 10

## HZ 991

2900 CHU / 97 RM

**Population**  
30,000 - 34,000

**Ear Type**  
Fixed

**Plant Height**  
Tall

### CONVENTIONAL

- Adapts well to all environments
- Excellent drought tolerance
- Great seedling vigour

DROUGHT TOLERANCE

STALK STRENGTH

TEST WEIGHT

1 2 3 4 5 6 7 8 9 10

## HZ 3717

2900 CHU / 97 RM

**Population**  
32,000 - 34,000

**Ear Type**  
Fixed

**Plant Height**  
Tall

### CONVENTIONAL

- High yield-to-moisture ratio
- Great spring vigour
- Tall plant with good ear set

DROUGHT TOLERANCE

STALK STRENGTH

TEST WEIGHT

1 2 3 4 5 6 7 8 9 10

## HZ 1028

3000 CHU / 100 RM

**Population**  
32,000 - 34,000

**Ear Type**  
Semi-flex

**Plant Height**  
Tall

### CONVENTIONAL

- Excellent grain quality with good tip fill
- Excellent test weight
- Good spring vigour with good canopy cover

DROUGHT TOLERANCE

STALK STRENGTH

TEST WEIGHT

1 2 3 4 5 6 7 8 9 10

Product			Growth						Primary Herbicide & Insect Tolerance						Harvest		
Hybrid	CHU	RM	Seed Vigour	Canopy Cover	Plant Height	Stalk Strength	Root Strength	Drought Tolerance	Glyphosate	Glufosinate	European Corn Borer	Western Bean Cutworm	Black Cutworm	Corn Rootworm	Drydown	Test Weight	Silage Appeal
HZ 3288	2725	92	8	10	T	9	9	8	-	-	-	-	-	-	8	9	9
<div>NEW</div> HZ 3676	2875	96	9	9	T	8	8	9	-	-	-	-	-	-	7	9	9
HZ 991	2900	97	9	8	T	8	7	9	-	-	-	-	-	-	9	9	8
HZ 3717	2900	97	9	9	T	8	9	9	-	-	-	-	-	-	9	8	7
HZ 1028	3000	100	7	8	T	8	7	7	-	-	-	-	-	-	8	9	7

## NOTES

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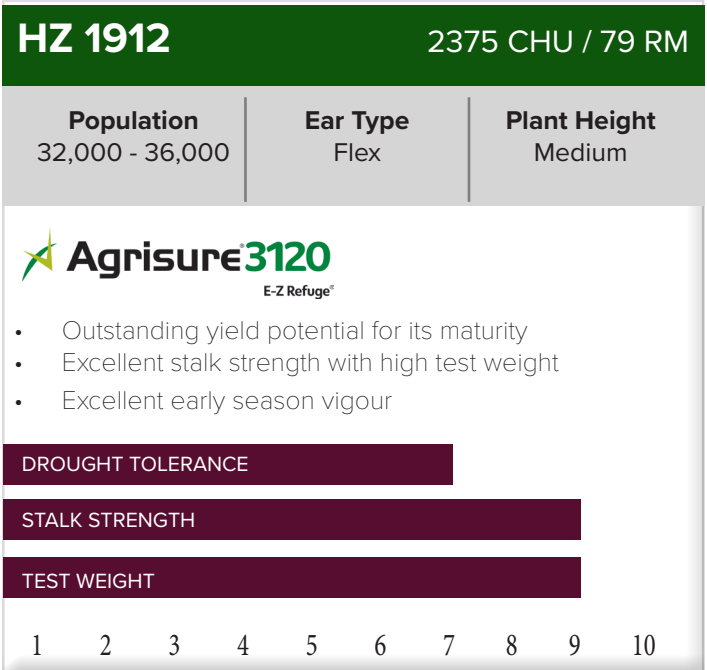
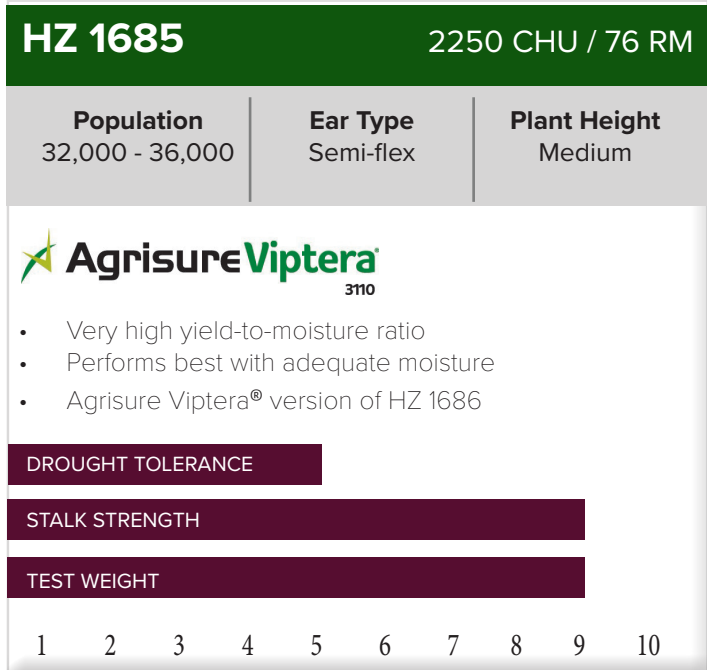
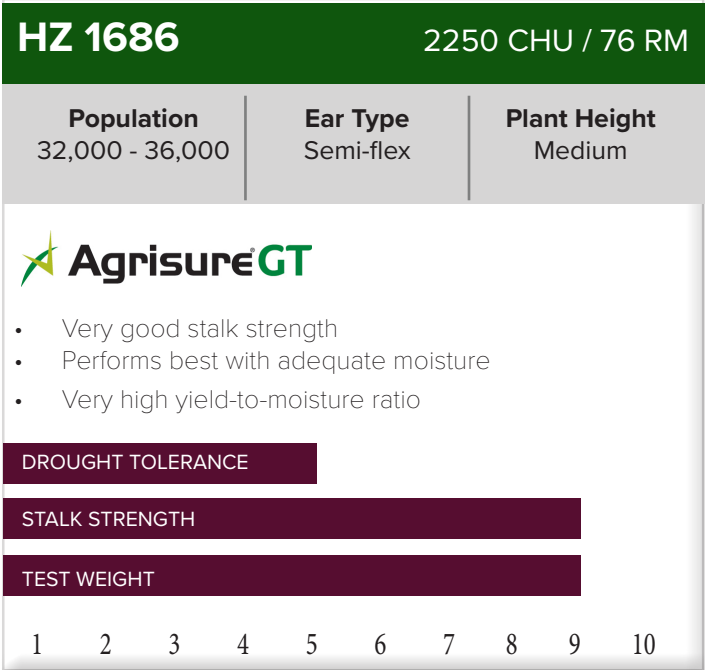
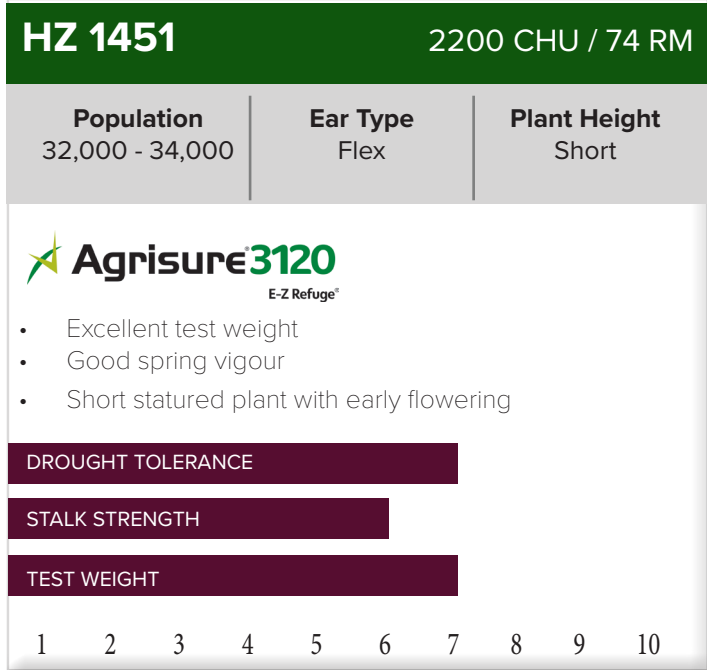
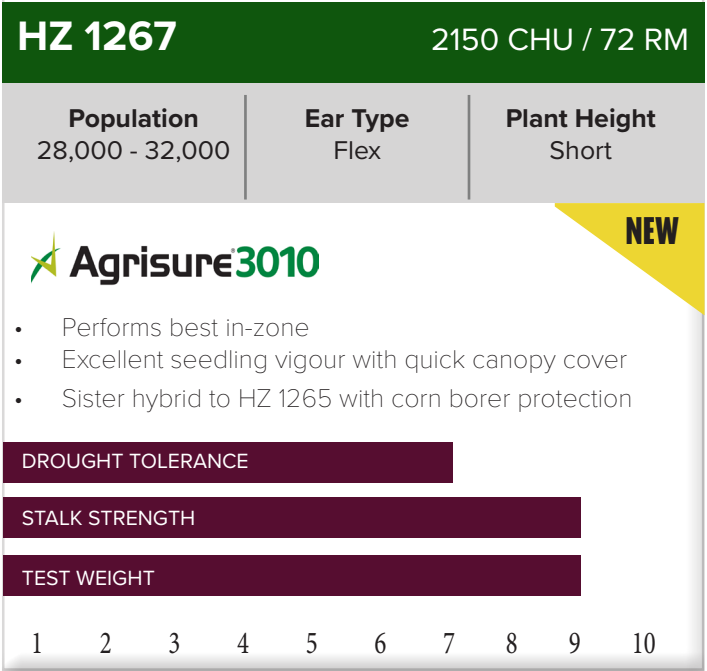
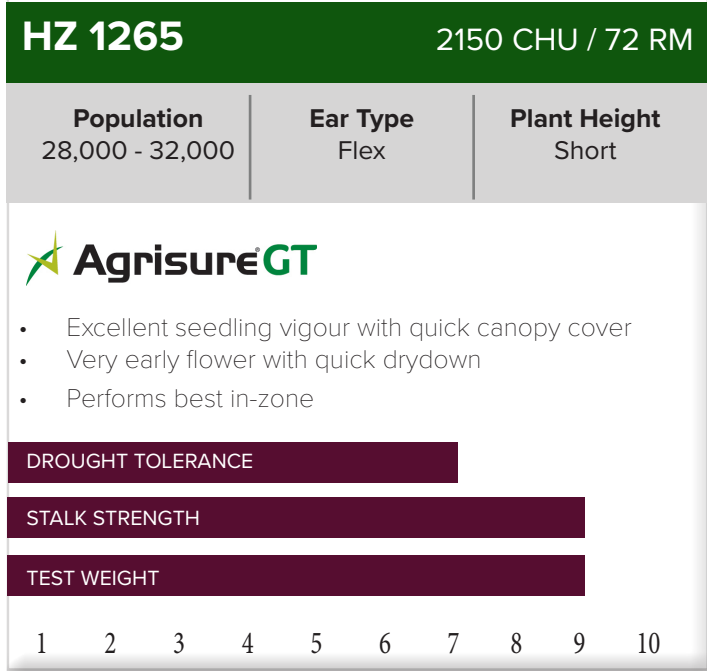
### Rating Scale

10 = Excellent  
5 = Average  
1 = Poor

### Plant Height

S = Short  
M = Medium  
T = Tall  
VT = Very Tall





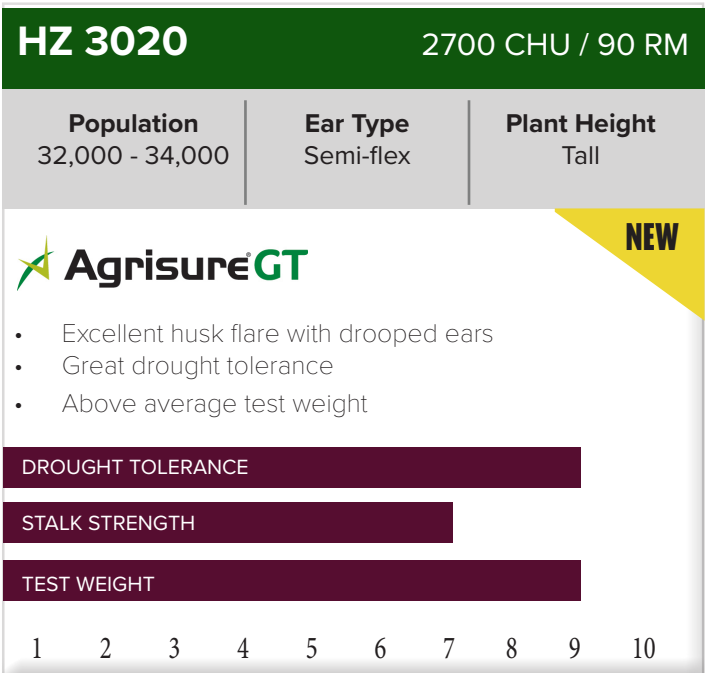
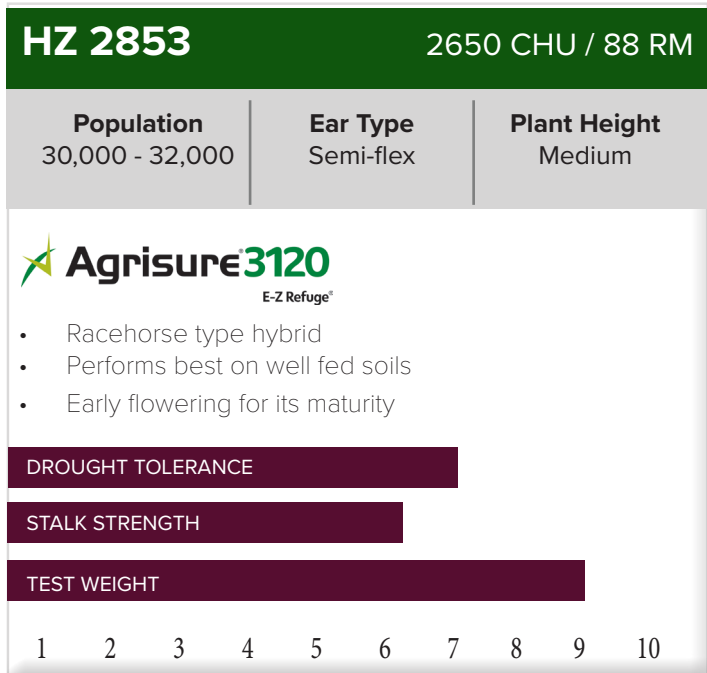
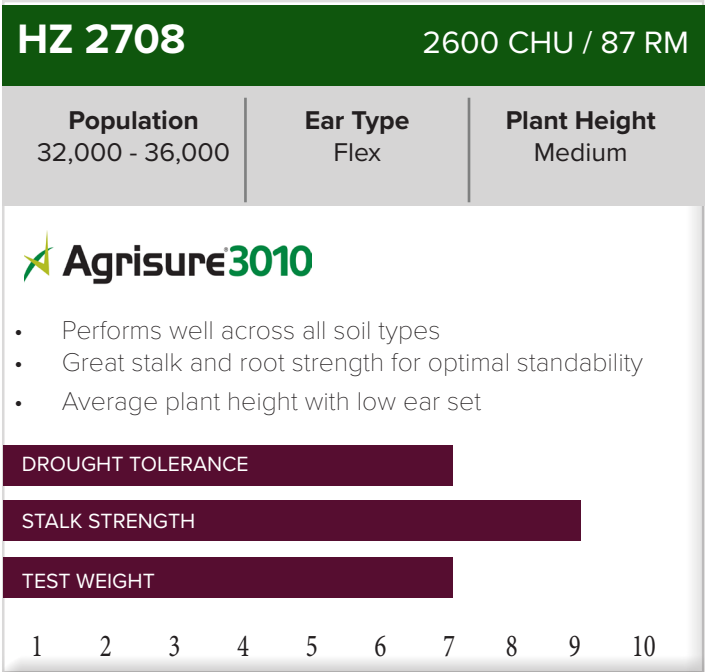
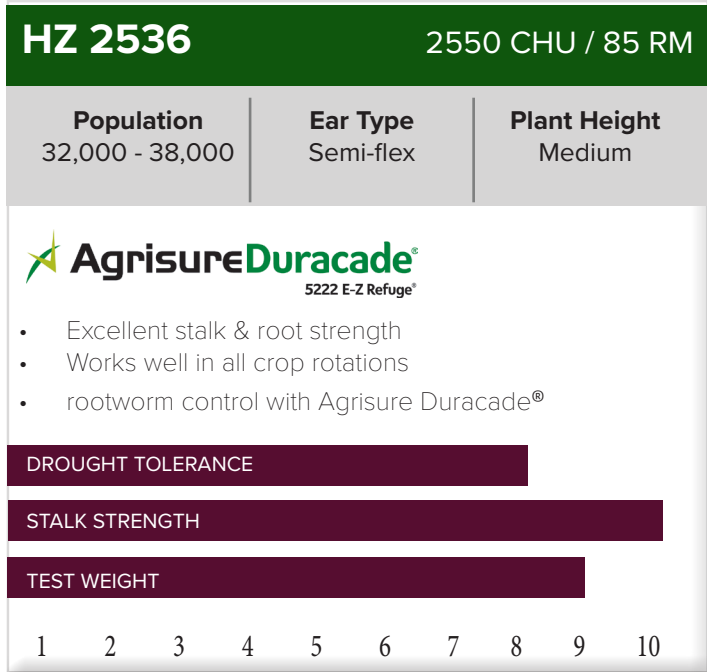
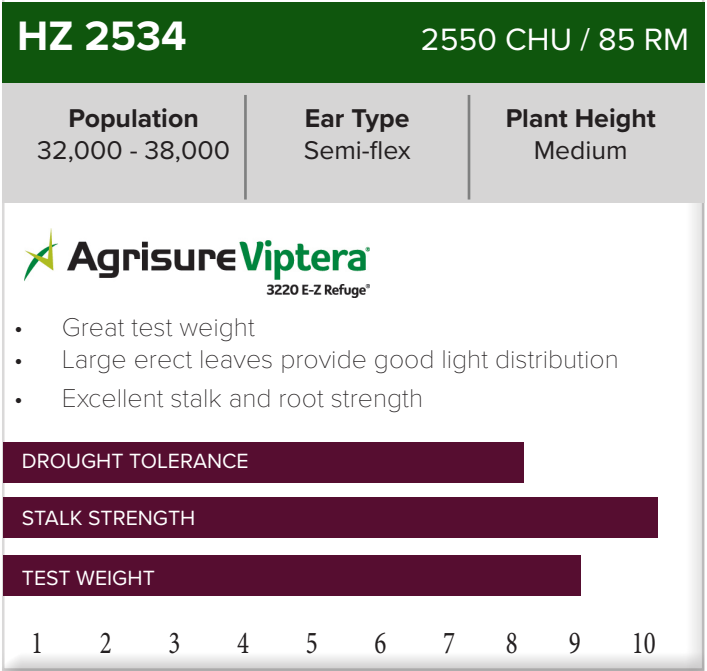
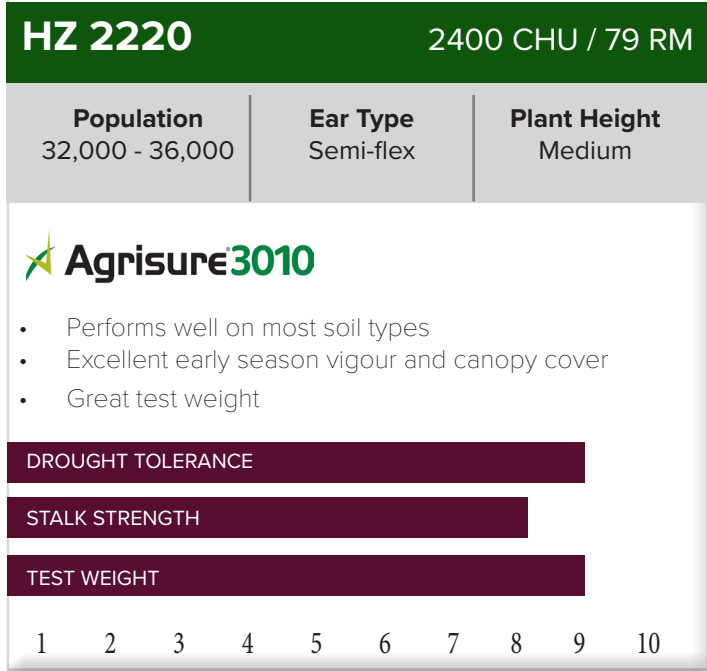
Product		Placement			Growth					Primary Herbicide & Insect Tolerance						Harvest		
Hybrid	Trait Platform	CHU	RM	Seed Vigour	Canopy Cover	Plant Height	Stalk Strength	Root Strength	Drought Tolerance	Glyphosate	Glufosinate	European Corn Borer	Western Bean Cutworm	Black Cutworm	Corn Rootworm	Drydown	Test Weight	Silage Appeal
HZ 1265	GT	2150	72	10	10	S	9	8	7	✓	-	-	-	-	-	9	9	5
<div>NEW</div> HZ 1267	3010	2150	72	10	10	S	9	8	7	✓	✓	✓	-	-	-	9	9	5
HZ 1451	3120	2200	74	9	8	S	6	6	7	✓	✓	✓	-	-	-	6	7	5
HZ 1686	GT	2250	76	8	8	M	9	8	5	✓	-	-	-	-	-	8	9	8
HZ 1685	3110	2250	76	10	9	M	9	8	5	✓	✓	✓	✓	✓	-	7	9	9
HZ 1912	3120	2375	79	10	8	M	9	6	7	✓	✓	✓	-	-	-	8	9	8

NOTES

**Rating Scale**  
 10 = Excellent  
 5 = Average  
 1 = Poor

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





Product		Placement			Growth					Primary Herbicide & Insect Tolerance						Harvest		
Hybrid	Trait Platform	CHU	RM	Seed Vigour	Canopy Cover	Plant Height	Stalk Strength	Root Strength	Drought Tolerance	Glyphosate	Glufosinate	European Corn Borer	Western Bean Cutworm	Black Cutworm	Corn Rootworm	Drydown	Test Weight	Silage Appeal
HZ 2220	3010	2400	79	10	10	M	8	9	9	✓	✓	✓	-	-	-	8	9	10
HZ 2534	3220	2550	85	9	9	M	10	10	8	✓	✓	✓	✓	✓	-	8	9	9
HZ 2536	5222	2550	85	9	8	M	10	10	8	✓	✓	✓	✓	✓	✓	8	9	9
HZ 2708	3010	2600	87	9	10	M	9	9	7	✓	✓	✓	-	-	-	8	7	7
HZ 2853	3120	2650	88	10	10	M	6	8	7	✓	✓	✓	-	-	-	8	9	6
<div>NEW</div> HZ 3020	GT	2700	90	8	9	T	7	10	9	✓	-	-	-	-	-	9	9	10

NOTES

Rating Scale

10 = Excellent

5 = Average

1 = Poor

Plant Height

S = Short

M = Medium


T = Tall

VT = Very Tall



**HZ 3050**
2700 CHU / 90 RM

Population	Ear Type	Plant Height
32,000 - 34,000	Semi-flex	Tall



5122 E-Z Refuge®

NEW

- Great test weight
- Excellent drought tolerance
- Loose husk cover for quick drydown

DROUGHT TOLERANCE


STALK STRENGTH

TEST WEIGHT

1 2 3 4 5 6 7 8 9 10

**HZ 797GT**
2700 CHU / 90 RM

Population	Ear Type	Plant Height
30,000 - 32,000	Semi-flex	Tall



- Outstanding yield punch
- Workhorse stability
- Early flower with fast grain fill for early finish

DROUGHT TOLERANCE


STALK STRENGTH

TEST WEIGHT

1 2 3 4 5 6 7 8 9 10

**HZ 877**
2750 CHU / 92 RM

Population	Ear Type	Plant Height
30,000 - 32,000	Flex	Very Tall



- Outstanding yield potential for its maturity
- Great drydown with good stalks
- Rootworm version of HZ 878

DROUGHT TOLERANCE


STALK STRENGTH

TEST WEIGHT

1 2 3 4 5 6 7 8 9 10

**HZ 878**
2750 CHU / 92 RM

Population	Ear Type	Plant Height
30,000 - 32,000	Flex	Very Tall



3220 E-Z Refuge®

- Very tall plant with large girthy ears
- Quick drydown
- Outstanding yield potential for its maturity

DROUGHT TOLERANCE


STALK STRENGTH

TEST WEIGHT

1 2 3 4 5 6 7 8 9 10

**HZ 3245**
2750 CHU / 92 RM

Population	Ear Type	Plant Height
34,000 - 38,000	Flex	Tall



3220 E-Z Refuge®

- Showy, quick plant canopy
- Excellent yield potential
- Tall plant with high ear placement

DROUGHT TOLERANCE


STALK STRENGTH

TEST WEIGHT

1 2 3 4 5 6 7 8 9 10

**HZ 3247**
2750 CHU / 92 RM

Population	Ear Type	Plant Height
34,000 - 38,000	Flex	Tall



5222 E-Z Refuge®

- Excellent flare in the fall
- Excellent root strength
- Quick drydown

DROUGHT TOLERANCE

STALK STRENGTH

TEST WEIGHT

1 2 3 4 5 6 7 8 9 10

Product		Placement			Growth					Primary Herbicide & Insect Tolerance						Harvest		
Hybrid	Trait Platform	CHU	RM	Seed Vigour	Canopy Cover	Plant Height	Stalk Strength	Root Strength	Drought Tolerance	Glyphosate	Glufosinate	European Corn Borer	Western Bean Cutworm	Black Cutworm	Corn Rootworm	Drydown	Test Weight	Silage Appeal
NEW HZ 3050	5122	2700	90	8	9	T	7	10	9	✓	✓	✓	-	-	✓	9	9	10
HZ 797GT	GT	2700	90	8	9	T	7	7	9	✓	-	-	-	-	-	10	8	8
HZ 877	3000GT	2750	92	10	9	VT	8	9	9	✓	✓	✓	-	-	✓	9	8	9
HZ 878	3220	2750	92	10	9	VT	7	9	9	✓	✓	✓	✓	✓	-	9	8	9
HZ 3245	3220	2750	92	9	9	T	9	10	8	✓	✓	✓	✓	✓	-	9	8	9
HZ 3247	5222	2750	92	9	9	T	9	10	8	✓	✓	✓	✓	✓	✓	9	8	9

NOTES

Rating Scale

10 = Excellent

5 = Average

1 = Poor

Plant Height

S = Short

M = Medium

T = Tall

VT = Very Tall

## HZ 3295

2825 CHU / 94 RM

**Population**  
34,000 - 38,000

**Ear Type**  
Flex

**Plant Height**  
Tall



- Excellent test weight
- High yield-to-moisture ratio
- Outstanding drought tolerance, stalks and roots

DROUGHT TOLERANCE

STALK STRENGTH

TEST WEIGHT

1 2 3 4 5 6 7 8 9 10

## HZ 3582

2850 CHU / 95 RM

**Population**  
32,000 - 36,000

**Ear Type**  
Flex

**Plant Height**  
Tall



NEW

- Loose husk cover with good tip fill
- Excellent drought tolerance
- Large stalks with girthy ears

DROUGHT TOLERANCE

STALK STRENGTH

TEST WEIGHT

1 2 3 4 5 6 7 8 9 10

## HZ 3584

2850 CHU / 95 RM

**Population**  
32,000 - 36,000

**Ear Type**  
Flex

**Plant Height**  
Tall



NEW

- Adapts to northern environments well
- Excellent spring vigour with great canopy cover
- Great stalk and root strength

DROUGHT TOLERANCE

STALK STRENGTH

TEST WEIGHT

1 2 3 4 5 6 7 8 9 10

## HZ 3787

2900 CHU / 97 RM

**Population**  
32,000 - 36,000

**Ear Type**  
Flex

**Plant Height**  
Very Tall



- Very tall plant with large, girthy ears
- Excellent early season vigour
- Performs best on heavier soil types

DROUGHT TOLERANCE

STALK STRENGTH

TEST WEIGHT

1 2 3 4 5 6 7 8 9 10

## HZ 4010

3000 CHU / 100 RM

**Population**  
32,000 - 36,000

**Ear Type**  
Fixed

**Plant Height**  
Medium



- High yield potential on high fertility soils
- Suited to finer soils
- Agrisure Artesian® technology included

DROUGHT TOLERANCE

STALK STRENGTH

TEST WEIGHT

1 2 3 4 5 6 7 8 9 10

## HZ 4097

3000 CHU / 100 RM

**Population**  
32,000 - 34,000

**Ear Type**  
Fixed

**Plant Height**  
Tall



- Excellent flare with nice ear droop
- Great spring vigour
- Top end yield with low moisture

DROUGHT TOLERANCE

STALK STRENGTH

TEST WEIGHT

1 2 3 4 5 6 7 8 9 10



Product		Placement			Growth					Primary Herbicide & Insect Tolerance						Harvest		
Hybrid	Trait Platform	CHU	RM	Seed Vigour	Canopy Cover	Plant Height	Stalk Strength	Root Strength	Drought Tolerance	Glyphosate	Glufosinate	European Corn Borer	Western Bean Cutworm	Black Cutworm	Corn Rootworm	Drydown	Test Weight	Silage Appeal
HZ 3295	3120A	2825	94	9	8	T	10	10	10	✓	✓	✓	-	-	-	9	10	8
<div>NEW</div> HZ 3582	3220	2850	95	10	9	T	9	10	9	✓	✓	✓	✓	✓	-	8	10	10
<div>NEW</div> HZ 3584	5222	2850	95	10	9	T	9	10	9	✓	✓	✓	✓	✓	✓	8	10	10
HZ 3787	3220	2900	97	9	9	VT	9	9	7	✓	✓	✓	✓	✓	-	8	7	9
HZ 4010	3220A	3000	100	9	9	M	9	9	10	✓	✓	✓	✓	✓	-	8	8	5
HZ 4097	GT	3000	100	10	9	T	8	9	9	✓	-	-	-	-	-	9	8	7

NOTES

Rating Scale

10 = Excellent

5 = Average

1 = Poor

Plant Height

S = Short

M = Medium

T = Tall

VT = Very Tall

## HZ 1040

3025 CHU / 101 RM

**Population**  
32,000 - 34,000

**Ear Type**  
Fixed

**Plant Height**  
Tall



- High yield-to-moisture ratio
- Excellent spring seedling vigour
- Performs well on tough soils

DROUGHT TOLERANCE

STALK STRENGTH

TEST WEIGHT

1 2 3 4 5 6 7 8 9 10

## HZ 4101

3025 CHU / 101 RM

**Population**  
32,000 - 36,000

**Ear Type**  
Flex

**Plant Height**  
Tall



- Great agronomic package
- High yield potential with large, girthy ears
- Excellent grain quality

DROUGHT TOLERANCE

STALK STRENGTH

TEST WEIGHT

1 2 3 4 5 6 7 8 9 10

## HZ 1052GT

3050 CHU / 102 RM

**Population**  
32,000 - 36,000

**Ear Type**  
Fixed

**Plant Height**  
Tall



- Exceptional vigour and stress tolerance
- High performing, top yielding hybrid
- Good late season intactness

DROUGHT TOLERANCE

STALK STRENGTH

TEST WEIGHT

1 2 3 4 5 6 7 8 9 10

## HZ 4398

3075 CHU / 103 RM

**Population**  
32,000 - 36,000

**Ear Type**  
Semi-flex

**Plant Height**  
Medium



- Workhorse type hybrid
- Yields best on heavier soil types
- Medium height plant with low ear placement

DROUGHT TOLERANCE

STALK STRENGTH

TEST WEIGHT

1 2 3 4 5 6 7 8 9 10

## HZ 4314

3100 CHU / 103 RM

**Population**  
32,000 - 36,000

**Ear Type**  
Flex

**Plant Height**  
Tall



**NEW**

- Strong yield punch
- Very good late season plant intactness
- Handles stress well, with good southern movement

DROUGHT TOLERANCE

STALK STRENGTH

TEST WEIGHT

1 2 3 4 5 6 7 8 9 10

Product	Placement			Growth						Primary Herbicide & Insect Tolerance						Harvest		
	Trait Platform	CHU	RM	Seed Vigour	Canopy Cover	Plant Height	Stalk Strength	Root Strength	Drought Tolerance	Glyphosate	Glufosinate	European Corn Borer	Western Bean Cutworm	Black Cutworm	Corn Rootworm	Drydown	Test Weight	Silage Appeal
HZ 1040	3111	3025	101	10	9	T	8	9	9	✓	✓	✓	✓	✓	✓	9	8	7
HZ 4101	3220	3025	101	8	8	T	8	9	7	✓	✓	✓	✓	✓	-	8	9	9
HZ 1052GT	GT	3050	102	10	9	T	9	9	9	✓	-	-	-	-	-	7	7	7
HZ 4398	3220	3075	103	9	6	M	8	9	9	✓	✓	✓	✓	✓	-	7	9	9
<b>NEW</b> HZ 4314	5122	3100	103	9	8	T	8	8	8	✓	✓	✓	-	-	✓	8	8	10

**Rating Scale**

10 = Excellent  
5 = Average  
1 = Poor

**Plant Height**

S = Short  
M = Medium  
T = Tall  
VT = Very Tall

Data compiled from Horizon Seeds conducted field trials. Geographic regions and individual practices will vary this information.

If you only see one...  
It's already too late.

Protect your crop with Agrisure Viptera® – the only trait that provides effective control of western bean cutworm. It also protects the crop from key insects like corn earworm, cutworm and armyworm, for the most comprehensive above-ground insect control available.

Discover why Agrisure Viptera is worth a closer look at [Syngenta.ca/Agrisure-Viptera](http://Syngenta.ca/Agrisure-Viptera).

 **Agrisure Viptera®**

**syngenta.**



## HZ 1840

2275-2400 CHU / 76-80 RM

**Population**  
32,000 - 36,000

**TDN / RFV**  
71.7 / 173.8

**Silage Window**  
Wide

### CONVENTIONAL



- Great kernel depth
- Great conventional option with good feed values
- Large, girthy ears

DROUGHT TOLERANCE

STALK STRENGTH

TONNAGE

1 2 3 4 5 6 7 8 9 10

## HZ 2532

2450-2550 CHU / 82-85 RM

**Population**  
32,000 - 38,000

**TDN / RFV**  
71.6 / 172.9

**Silage Window**  
Average

### CONVENTIONAL

- Exceptional feed values
- Great for swing acres
- Excellent stalk and root strength

DROUGHT TOLERANCE

STALK STRENGTH

TONNAGE

1 2 3 4 5 6 7 8 9 10

## HZ 3676

2800-2900 CHU / 93-97 RM

**Population**  
32,000 - 36,000

**TDN / RFV**  
68.4 / 161.4

**Silage Window**  
Average

### CONVENTIONAL

NEW

- Provides exceptional tonnage potential
- Excellent drought tolerance
- Good stalks and roots for standability

DROUGHT TOLERANCE

STALK STRENGTH

TONNAGE

1 2 3 4 5 6 7 8 9 10

## HZ 2315

2400-2525 CHU / 80-84 RM

**Population**  
32,000 - 38,000

**TDN / RFV**  
72.2 / 170.5

**Silage Window**  
Average

### CONVENTIONAL

- Excellent stalk strength
- Good drought tolerance
- Stable feed values

DROUGHT TOLERANCE

STALK STRENGTH

TONNAGE

1 2 3 4 5 6 7 8 9 10

## HZ 3366

2650-2750 CHU / 88-92 RM

**Population**  
32,000 - 36,000

**TDN / RFV**  
67.9 / 170.3

**Silage Window**  
Average

### CONVENTIONAL

- Great early season vigour
- Excellent tonnage potential
- Overall above average hybrid

DROUGHT TOLERANCE

STALK STRENGTH

TONNAGE

1 2 3 4 5 6 7 8 9 10

## HZ 991

2875-2975 CHU / 96-99 RM

**Population**  
30,000 - 34,000

**TDN / RFV**  
72.9 / 184.5

**Silage Window**  
Wide

### CONVENTIONAL

- Adapts well to all environments
- Large leaves for big tonnage
- Great drought tolerance

DROUGHT TOLERANCE

STALK STRENGTH

TONNAGE

1 2 3 4 5 6 7 8 9 10

# HZ 3717

2900-3000 CHU / 97-100 RM

**Population**  
32,000 - 34,000

**TDN / RFV**  
71.8 / 170.4

**Silage Window**  
Average

## CONVENTIONAL

- Excellent hybrid
- Good agronomic package
- Great for swing acres

DROUGHT TOLERANCE

STALK STRENGTH

TONNAGE

1 2 3 4 5 6 7 8 9 10

Product	Placement		Growth				Feed Values							Primary Herbicide & Insect Tolerance					
Hybrid	CHU	RM	Drought Tolerance	Stalk Strength	Ear Type	Canopy Cover	Tonnage	Relative Forage Quality	ADF	NDFD (48)	Starch	Milk per Tonne	Beef per Tonne	Glyphosate	Glufosinate	European Corn Borer	Western Bean Cutworm	Black Cutworm	Corn Rootworm
HZ 1840	2275-2400	76-80	8	9	F	9	7	9	9	9	9	8	9	-	-	-	-	-	-
HZ 2315	2400-2525	80-84	9	10	FL	9	9	8	9	8	9	8	9	-	-	-	-	-	-
HZ 2532	2450-2550	82-85	8	10	SF	7	7	10	9	10	10	8	9	-	-	-	-	-	-
HZ 3366	2650-2750	88-92	9	9	F	9	9	7	8	9	8	6	8	-	-	-	-	-	-
<b>NEW</b> HZ 3676	2800-2900	93-97	9	8	F	9	10	8	8	8	9	9	8	-	-	-	-	-	-
HZ 991	2875-2975	96-99	9	8	F	8	8	9	9	8	9	8	10	-	-	-	-	-	-
HZ 3717	2900-3000	97-100	9	8	F	9	9	9	9	8	9	8	9	-	-	-	-	-	-

### Rating Scale

10 = Excellent  
5 = Average  
1 = Poor

### Ear Type

F = Fixed  
SF = Semi-Flex  
FL = Flex

RFV = Relative Feed Value  
TDN = Total Digestible Nutrients  
ADF = Acid Detergent Fibre  
NDFD = Neutral Detergent Fibre Digestibility

## HZ 1686

2225-2300 CHU / 74-77 RM

**Population**  
32,000 - 36,000

**TDN / RFV**  
71.2 / 200.1

**Silage Window**  
Average



- Very good health for its maturity
- Performs best with adequate moisture
- Medium height plant with good feed values

DROUGHT TOLERANCE

STALK STRENGTH

TONNAGE

1 2 3 4 5 6 7 8 9 10

## HZ 1685

2225-2300 CHU / 74-77 RM

**Population**  
32,000 - 36,000

**TDN / RFV**  
73.2 / 199.9

**Silage Window**  
Average



- Very good health for its maturity
- Great control of ear feeding insects for high quality feed
- Performs best with adequate moisture

DROUGHT TOLERANCE

STALK STRENGTH

TONNAGE

1 2 3 4 5 6 7 8 9 10

## HZ 1710

2250-2350 CHU / 75-78 RM

**Population**  
32,000 - 34,000

**TDN / RFV**  
71.0 / 199.4

**Silage Window**  
Wide



- Overall great feed values
- Excellent canopy cover
- Wide harvest window



NEW

DROUGHT TOLERANCE

STALK STRENGTH

TONNAGE

1 2 3 4 5 6 7 8 9 10

## HZ 675

2275-2400 CHU / 76-80 RM

**Population**  
32,000 - 36,000

**TDN / RFV**  
70.8 / 168.7

**Silage Window**  
Wide



- Wide harvest window
- Good tonnage with excellent feed values
- Consistent performance year over year



DROUGHT TOLERANCE

STALK STRENGTH

TONNAGE

1 2 3 4 5 6 7 8 9 10

## HZ 2220

2300-2425 CHU / 77-81 RM

**Population**  
32,000 - 36,000

**TDN / RFV**  
70.3 / 175.4

**Silage Window**  
Wide



- Good tonnage with excellent feed values
- White cob for great palatability
- Performs well on all soil types

DROUGHT TOLERANCE

STALK STRENGTH

TONNAGE

1 2 3 4 5 6 7 8 9 10

## HZ 2534

2450-2550 CHU / 82-85 RM

**Population**  
32,000 - 38,000

**TDN / RFV**  
70.6 / 171.6

**Silage Window**  
Average



- Consistent performance across all soil types
- Above average feed values
- Excellent stalk strength

DROUGHT TOLERANCE

STALK STRENGTH

TONNAGE

1 2 3 4 5 6 7 8 9 10



Product		Placement			Growth			Feed Values							Primary Herbicide & Insect Tolerance					
Hybrid	Trait Platform	CHU	RM	Drought Tolerance	Stalk Strength	Ear Type	Canopy Cover	Tonnage	Relative Forage Quality	ADF	NDFD (48)	Starch	Milk per Tonne	Beef per Tonne	Glyphosate	Glufosinate	European Corn Borer	Western Bean Cutworm	Black Cutworm	Corn Rootworm
HZ 1686	GT	2225-2300	74-77	5	9	SF	8	7	10	9	8	10	8	10	✓	-	-	-	-	-
HZ 1685	3110	2225-2300	74-77	5	9	SF	9	7	10	9	9	9	9	9	✓	✓	✓	✓	✓	-
HZ 1710	3010	2250-2350	75-78	9	6	SF	10	9	9	8	9	9	8	9	✓	✓	✓	-	-	-
HZ 675	3010	2275-2400	76-80	8	9	F	9	7	9	8	9	8	9	9	✓	✓	✓	-	-	-
HZ 2220	3010	2300-2425	77-81	9	8	SF	10	9	10	8	10	9	8	8	✓	✓	✓	-	-	-
HZ 2534	3220	2450-2550	82-85	8	10	SF	9	7	10	9	10	9	10	8	✓	✓	✓	✓	✓	-

NEW

NOTES

Rating Scale

10 = Excellent

5 = Average

1 = Poor

Ear Type

F = Fixed

SF = Semi-Flex

FL = Flex

RFV = Relative Feed Value

TDN = Total Digestible Nutrients

ADF = Acid Detergent Fibre

NDFD = Neutral Detergent Fibre Digestibility

## HZ 2536

2450-2550 CHU / 82-85 RM

**Population**  
32,000 - 38,000

**TDN / RFV**  
70.9 / 171.9

**Silage Window**  
Average



- Excellent stalk and root strength
- Agrisure Duracade® platform with rootworm control
- Excellent feed values

DROUGHT TOLERANCE

STALK STRENGTH

TONNAGE

1 2 3 4 5 6 7 8 9 10

## HZ 2810

2550-2675 CHU / 85-89 RM

**Population**  
30,000 - 34,000

**TDN / RFV**  
70.4 / 153.8

**Silage Window**  
Average



- High tonnage with leafy genetics
- Late flowering plant
- Very tall hybrid

DROUGHT TOLERANCE

STALK STRENGTH

TONNAGE

1 2 3 4 5 6 7 8 9 10

## HZ 3020

2600-2725 CHU / 87-91 RM

**Population**  
32,000 - 34,000

**TDN / RFV**  
71.6 / 163.8

**Silage Window**  
Average



NEW

- Above average feed values
- High tonnage potential
- Great drought tolerance

DROUGHT TOLERANCE

STALK STRENGTH

TONNAGE

1 2 3 4 5 6 7 8 9 10

## HZ 3050

2600-2725 CHU / 87-91 RM

**Population**  
32,000 - 34,000

**TDN / RFV**  
70.3 / 188.4

**Silage Window**  
Average



NEW

- Rootworm version of HZ 3020
- Overall great feed values
- Great tonnage potential

DROUGHT TOLERANCE

STALK STRENGTH

TONNAGE

1 2 3 4 5 6 7 8 9 10

## HZ 797GT

2650-2725 CHU / 88-91 RM

**Population**  
30,000 - 32,000

**TDN / RFV**  
70.8 / 165.8

**Silage Window**  
Average



- Workhorse stability
- High silage and grain yield potential for swing acres
- Tall plant with large leaves for high tonnage potential

DROUGHT TOLERANCE

STALK STRENGTH

TONNAGE

1 2 3 4 5 6 7 8 9 10

## HZ 877

2650-2750 CHU / 88-92 RM

**Population**  
30,000 - 32,000

**TDN / RFV**  
73.3 / 188.7

**Silage Window**  
Average



- Outstanding tonnage potential for its maturity
- Very good stalks with good stay green
- Rootworm control with consistent feed values

DROUGHT TOLERANCE

STALK STRENGTH

TONNAGE

1 2 3 4 5 6 7 8 9 10

Product	Placement			Growth				Feed Values							Primary Herbicide & Insect Tolerance					
Hybrid	Trait Platform	CHU	RM	Drought Tolerance	Stalk Strength	Ear Type	Canopy Cover	Tonnage	Relative Forage Quality	ADF	NDFD (48)	Starch	Milk per Tonne	Beef per Tonne	Glyphosate	Glufosinate	European Corn Borer	Western Bean Cutworm	Black Cutworm	Corn Rootworm
HZ 2536	5222	2450-2550	82-85	8	10	SF	8	7	10	9	10	8	10	8	✓	✓	✓	✓	✓	✓
HZ 2810	GT	2550-2675	85-89	9	8	SF	8	9	8	8	9	8	8	8	✓	-	-	-	-	-
HZ 3020	GT	2600-2725	87-91	9	7	SF	9	9	9	9	8	9	9	9	✓	-	-	-	-	-
HZ 3050	5122	2600-2725	87-91	9	7	SF	9	9	9	9	8	9	9	9	✓	✓	✓	-	-	✓
HZ 797GT	GT	2650-2725	88-91	9	7	SF	10	9	9	9	8	9	8	9	✓	-	-	-	-	-
HZ 877	3000GT	2650-2750	88-92	9	8	FL	9	9	10	9	9	10	8	10	✓	✓	✓	-	-	✓

NOTES

Rating Scale

10 = Excellent  
5 = Average  
1 = Poor

Ear Type

F = Fixed  
SF = Semi-Flex  
FL = Flex

RFV = Relative Feed Value  
TDN = Total Digestible Nutrients  
ADF = Acid Detergent Fibre  
NDFD = Neutral Detergent Fibre Digestibility



**HZ 878**

2650-2750 CHU / 88-92 RM

**Population**  
30,000 - 32,000

**TDN / RFV**  
72.1 / 174.8

**Silage Window**  
Average



- Agrisure Viptera® technology for great feed quality
- Large, girthy ears
- Best adapted for corn-soybean rotation

DROUGHT TOLERANCE

STALK STRENGTH

TONNAGE

1 2 3 4 5 6 7 8 9 10

**HZ 3245**

2650-2750 CHU / 88-92 RM

**Population**  
34,000 - 38,000

**TDN / RFV**  
70.5 / 160.7

**Silage Window**  
Average



- High ear placement
- Overall great feed values
- Tall plant with girthy ears

DROUGHT TOLERANCE

STALK STRENGTH

TONNAGE

1 2 3 4 5 6 7 8 9 10

**HZ 3247**

2650-2750 CHU / 88-92 RM

**Population**  
34,000 - 38,000

**TDN / RFV**  
70.1 / 159.9

**Silage Window**  
Average



- Agrisure Duracade® technology with rootworm control
- Tall plant with girthy ears
- Consistent feed values

DROUGHT TOLERANCE

STALK STRENGTH

TONNAGE

1 2 3 4 5 6 7 8 9 10

**HZ 3330**

2725-2825 CHU / 91-94 RM

**Population**  
30,000 - 34,000

**TDN / RFV**  
69.0 / 148.8

**Silage Window**  
Wide



- Leafy genetics
- High tonnage with average feed values
- Late flowering hybrid with wide harvest window

DROUGHT TOLERANCE

STALK STRENGTH

TONNAGE

1 2 3 4 5 6 7 8 9 10

**HZ 3790**

2850-2950 CHU / 95-98 RM

**Population**  
30,000 - 34,000

**TDN / RFV**  
71.4 / 167.3

**Silage Window**  
Average



- Proven silage performance
- Workhorse type hybrid in all crop rotations
- Tall plant with great tonnage potential

DROUGHT TOLERANCE

STALK STRENGTH

TONNAGE

1 2 3 4 5 6 7 8 9 10

**HZ 3787**

2850-2950 CHU / 95-98 RM

**Population**  
32,000 - 36,000

**TDN / RFV**  
72.4 / 167.3

**Silage Window**  
Average



- Performs best on heavier soil types
- Large, girthy ears for high energy feed
- Excellent early season vigour

DROUGHT TOLERANCE

STALK STRENGTH

TONNAGE

1 2 3 4 5 6 7 8 9 10

Product		Placement			Growth				Feed Values						Primary Herbicide & Insect Tolerance					
Hybrid	Trait Platform	CHU	RM	Drought Tolerance	Stalk Strength	Ear Type	Canopy Cover	Tonnage	Relative Forage Quality	ADF	NDFD (48)	Starch	Milk per Tonne	Beef per Tonne	Glyphosate	Glufosinate	European Corn Borer	Western Bean Cutworm	Black Cutworm	Corn Rootworm
HZ 878	3220	2650-2750	88-92	9	7	FL	9	9	9	9	9	9	8	10	✓	✓	✓	✓	✓	-
HZ 3245	3220	2650-2750	88-92	8	9	FL	9	7	9	8	10	9	9	8	✓	✓	✓	✓	✓	-
HZ 3247	5222	2650-2750	88-92	8	9	FL	9	7	9	8	10	9	9	8	✓	✓	✓	✓	✓	✓
HZ 3330	3000GT	2725-2825	91-94	8	8	SF	9	9	8	8	10	8	8	7	✓	✓	✓	-	-	✓
HZ 3790	GT	2850-2950	95-98	7	8	SF	9	9	9	9	9	8	8	9	✓	-	-	-	-	-
HZ 3787	3220	2850-2950	95-98	7	9	FL	9	8	9	9	9	9	8	10	✓	✓	✓	✓	✓	-

NOTES

Rating Scale

10 = Excellent  
5 = Average  
1 = Poor

Ear Type

F = Fixed  
SF = Semi-Flex  
FL = Flex

RFV = Relative Feed Value  
TDN = Total Digestible Nutrients  
ADF = Acid Detergent Fibre  
NDFD = Neutral Detergent Fibre Digestibility

## HZ 4097

2950-3025 CHU / 98-101 RM

**Population**  
32,000 - 34,000

**TDN / RFV**  
71.8 / 170.4

**Silage Window**  
Average



- Consistent, above average feed values
- Excellent spring vigour with great drought tolerance
- Good for swing acres

DROUGHT TOLERANCE

STALK STRENGTH

TONNAGE

1 2 3 4 5 6 7 8 9 10

## HZ 1040

2950-3025 CHU / 98-101 RM

**Population**  
32,000 - 34,000

**TDN / RFV**  
71.1 / 169.9

**Silage Window**  
Average



- Excellent spring seedling vigour
- Performs well on tough soils
- Good for swing acres

DROUGHT TOLERANCE

STALK STRENGTH

TONNAGE

1 2 3 4 5 6 7 8 9 10

## HZ 4037

2950-3100 CHU / 98-103 RM

**Population**  
30,000 - 34,000

**TDN / RFV**  
67.9 / 135.4

**Silage Window**  
Wide



- Late flower with quick finish
- Leafy genetics
- Huge tonnage potential with average feed values

DROUGHT TOLERANCE

STALK STRENGTH

TONNAGE

1 2 3 4 5 6 7 8 9 10

## HZ 4101

2975-3050 CHU / 99-102 RM

**Population**  
32,000 - 36,000

**TDN / RFV**  
71.7 / 170.3

**Silage Window**  
Average



- Tall plant with excellent tonnage
- Great for swing acres
- White cob colour for high palatability

DROUGHT TOLERANCE

STALK STRENGTH

TONNAGE

1 2 3 4 5 6 7 8 9 10

## HZ 4314

3000-3125 CHU / 100-104 RM

**Population**  
32,000 - 36,000

**TDN / RFV**  
71.6 / 173.1

**Silage Window**  
Wide



NEW

- Excellent tonnage with great feed values
- Performs best on well fed soils
- Works well for swing acres

DROUGHT TOLERANCE

STALK STRENGTH

TONNAGE

1 2 3 4 5 6 7 8 9 10

Product	Placement			Growth				Feed Values							Primary Herbicide & Insect Tolerance					
Hybrid	Trait Platform	CHU	RM	Drought Tolerance	Stalk Strength	Ear Type	Canopy Cover	Tonnage	Relative Forage Quality	ADF	NDFD (48)	Starch	Milk per Tonne	Beef per Tonne	Glyphosate	Glufosinate	European Corn Borer	Western Bean Cutworm	Black Cutworm	Corn Rootworm
HZ 4097	GT	2950-3025	98-101	9	8	F	9	9	9	9	8	9	8	9	✓	-	-	-	-	-
HZ 1040	3111	2950-3025	98-101	9	8	F	9	9	9	9	8	9	8	9	✓	✓	✓	✓	✓	✓
HZ 4037	3111	2950-3100	98-103	8	8	SF	9	10	7	7	8	7	8	6	✓	✓	✓	✓	✓	✓
HZ 4101	3220	2975-3050	99-102	7	8	FL	8	8	9	9	9	8	9	9	✓	✓	✓	✓	✓	-
<b>NEW</b> HZ 4314	5122	3000-3125	100-104	8	8	FL	8	10	10	9	10	9	8	9	✓	✓	✓	-	-	✓

## BREEDING FOR **SILAGE**

We are proud to offer products that suit your fields maturity, insect and disease resistance and deliver top quality silage for your herd. To ensure our product meets your herds needs, our silage hybrids must have at minimum one of the following:

- High NDF digestibility
- High starch
- High yield potential



### Rating Scale

10 = Excellent  
5 = Average  
1 = Poor

### Ear Type

F = Fixed  
SF = Semi-Flex  
FL = Flex

RFV = Relative Feed Value  
TDN = Total Digestible Nutrients  
ADF = Acid Detergent Fibre  
NDFD = Neutral Detergent Fibre Digestibility





Horizon Seeds is proud to continue partnering with SeCan for your soybean needs.

More varieties available upon request.



Indicates variety protected under Plant Breeders Rights. For more information, visit [pbrfacts.ca](http://pbrfacts.ca)

## OAC STRIVE

2650 CHU / 0.4 RM

**Canopy**  
Intermediate

**Plant Height**  
Medium

**Hilum Colour**  
Imperf. Yellow

### CONVENTIONAL



- Top-end protein and yield
- 44.0% protein
- IP food grade variety
- Above average white mold rating
- MS Phytophthora Root Rot Field Tolerance

LODGING

WHITE MOLD

poor 1 2 3 4 5 excellent

## ALTITUDE R2

2725 CHU / 0.6 RM

**Canopy**  
Intermediate

**Plant Height**  
Short - Med

**Hilum Colour**  
Imperf. Black



- Highest yield potential available for its maturity
- MS Phytophthora Root Rot Field Tolerance

LODGING

WHITE MOLD

poor 1 2 3 4 5 excellent

## EDGE R2X

2850 CHU / 1.3 RM

**Canopy**  
Bushy

**Plant Height**  
Medium

**Hilum Colour**  
Black



- Consistent yields across all soil types
- MR Phytophthora Root Rot Field Tolerance

LODGING

WHITE MOLD

poor 1 2 3 4 5 excellent

## OAC KENT

3050 CHU / 2.1 RM

**Canopy**  
Intermediate

**Plant Height**  
Medium

**Hilum Colour**  
Yellow

### CONVENTIONAL

- Industry standard for export quality
- Consistent yields
- 42.2% protein
- MR Phytophthora Root Rot Field Tolerance

LODGING

WHITE MOLD

poor 1 2 3 4 5 excellent

## EXPLORER R2X

3175 CHU / 2.4

**Canopy**  
Bushy

**Plant Height**  
Tall

**Hilum Colour**  
Imperf. Black



- Tall, robust and branchy plant
- Good white mold tolerance
- Position on heavier soils to prevent lodging and ensure optimal yield

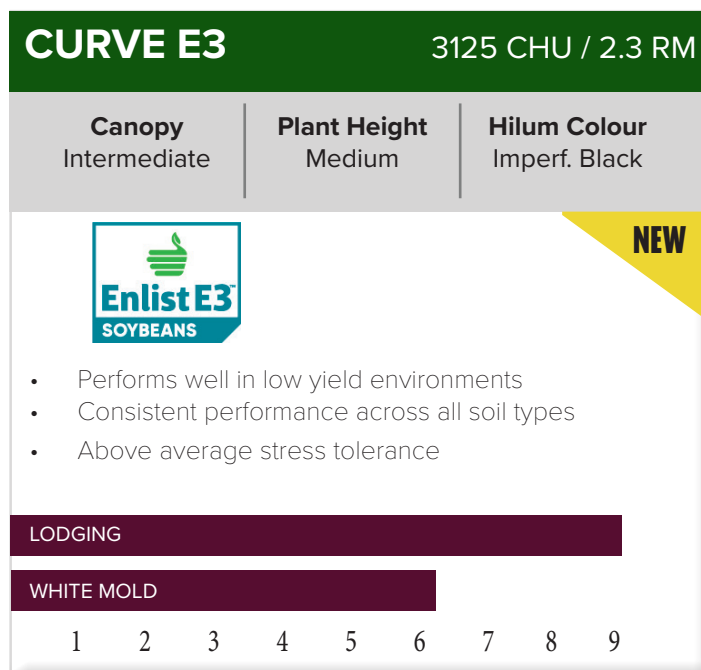
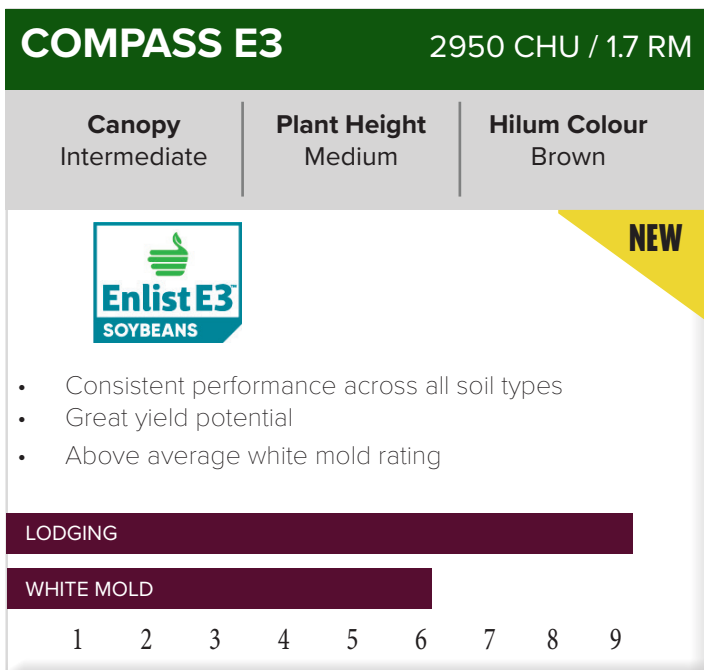
LODGING

WHITE MOLD

poor 1 2 3 4 5 excellent

# NEW ENLIST E3™ SOYBEANS

Horizon Seeds is excited to launch two Enlist E3™ varieties for 2021. This new weed control technology will provide options for you - the Canadian grower, for hard to control and herbicide resistant weeds.



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

Farmers can NOW purchase Enlist E3™ varieties and take control of resistant and hard-to-control weeds.

## Introducing the Enlist weed control system

The Enlist weed control system will help growers meet the challenge of farming today and in the future.

### Why use the Enlist weed control system?

- A new system built for Canadian farmers starting with new traits providing herbicide tolerance in soybeans and corn
- Herbicide solutions built on 2,4-D Choline, an improved form of 2,4-D with new Colex-D™ technology
- Includes a stewardship initiative that supports the use of multiple modes of action to address resistant weeds, provides training, and promotes responsible and sustainable use



## Enlist E3™ Soybeans

Enlist E3 soybeans provide elite, soybean genetics with high yield potential and industry leading multi-mode of action herbicide tolerance.

### Why use Enlist E3 soybeans?

- Enlist E3 soybeans are tolerant to 2,4-D, glyphosate and glufosinate herbicides
- Crop tolerance to Enlist herbicides with Colex-D technology is robust, enabling applications up to the R2 growth stage
- With tolerance to 3 different herbicide modes of action, Enlist E3 soybeans are part of a strong resistance management strategy
- A program approach including other herbicide modes of action and residual herbicides provides an even more sustainable approach to weed management

### Enlist Duo™



Convenient proprietary blend of 2, 4-D choline and glyphosate.

### New Enlist™ 1



Stand-alone 2,4-D choline with tank-mix flexibility.

# CHOOSE YOUR TREATMENT

Horizon Seeds offers a complete range of treatment options depending on your pest pressure. For growers who want to improve their insect control spectrum, Fortenza® Seed Treatment provides critical early season control.\*

## UNTREATED SEED

Untreated seed is available for those that do not want or cannot use seed treatment protection.

## CORN



### FUNGICIDE ONLY

Maxim® Quattro delivers four effective modes of action for excellent seed and soil-borne disease protection.



### INSECTICIDE & FUNGICIDE TREATMENT

A combination of separately registered products, is an insecticide/fungicide seed treatment that offers superior insect and disease protection.



### FULL INSECTICIDE & FUNGICIDE TREATMENT

For corn growers who want to improve their insect control spectrum, Fortenza® seed treatment provides critical early season control of European chafer, wireworm and cutworm. Coupled with the proven package of Maxim® Quattro seed-applied fungicide, you get the added control of seed and soil-borne pathogens, such as Fusarium, Pythium, Rhizoctonia, Aspergillus and Penicillium fungi.

## SOYBEAN



### FUNGICIDE ONLY

Vibrance® Maxx RFC is a fungicide-only solution that helps enhance soybean stands through best-in-class Rhizoctonia control and Rooting Power® that delivers stronger roots.



### FULL INSECTICIDE & FUNGICIDE TREATMENT

Fortenza® Vibrance® Maxx is a commercially-applied soybean seed treatment. Four active ingredients help protect soybean seed and seedlings from below-ground insect feeding and seed- and soil-borne diseases.









Increase your yield potential on any of the soybean treatment options by adding the proven benefits of Optimize®.

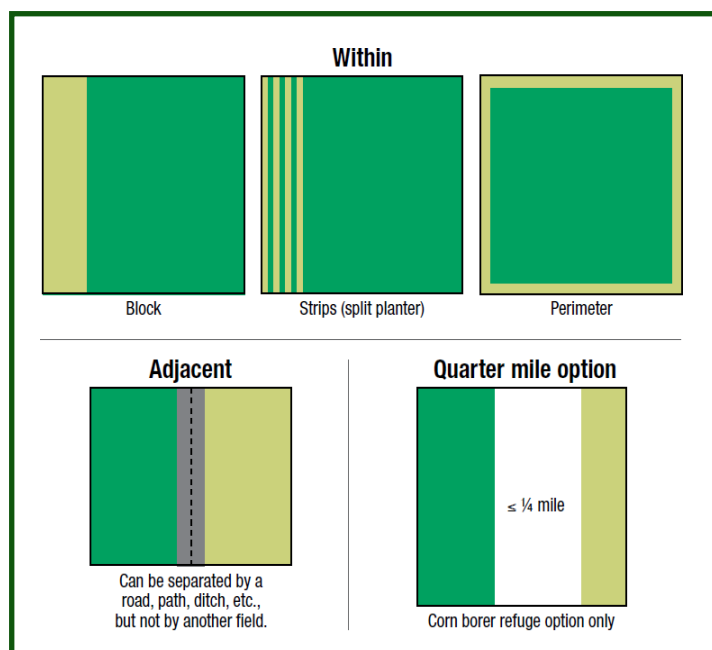
Optimize® is a seed applied inoculant that supports the crop's potential by enhancing nutritional availability. Optimize is a combination of LCO technology along with a specially selected inoculant.

\*Eligible hybrids only. Treatment options vary per hybrid.

# REFUGE GUIDELINES

Product	Minimum refuge requirement	Location	Why?
 	20%	Adjacent to or within Bt field	<p>Serves as an appropriate refuge for all pests targeted by these traits, including corn rootworm and European corn borer, or the Multi-Pest Complex™</p> <p>Appropriate size to ensure enough susceptible Bt corn refuge mates are available</p>
   	E-Z Refuge (5% integrated)	5% appropriate refuge material blended into the bag	<p>Serves as an appropriate refuge for dual Bt traits to control European corn borer and/or the Multi-Pest Complex™</p> <p>Appropriate amount to ensure enough susceptible Bt corn refuge mates are available</p> <p>Additional convenience to ensure refuge is planted in all fields</p>

\*Multi-Pest Complex includes black cutworm, western bean cutworm, fall armyworm, corn earworm & common stalk borer.



## REFUGE PLANTING OPTIONS

Depending on the pest for which the refuge is being designed, there are various designs of refuge planting that will be effective. It can be planted in the following configurations:

- Block within the Bt field
- Perimeter around the Bt field
- Separate block within a 1/4 mile of the field (European corn borer only)
- Strips within the Bt field
- Block adjacent to the Bt field

Note: A neighbour's field that does not contain Bt traits does not meet the refuge requirements.

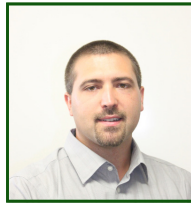
# MEET THE TEAM

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# Buying seed?

## Finance it with FCC

Purchase all your inputs using FCC financing and take advantage of extended repayment terms.

It's easy. Get more details at your authorized retail or call 1-888-522-2555.

[fcc.ca/CropInputs](http://fcc.ca/CropInputs)



Always read and follow label directions. Fortenza® Maxim® Quattro with Vibrance® is an on-seed application of Maxim® Quattro fungicide seed treatment, Fortenza® insecticide seed treatment and Vibrance® fungicide 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®, E-Z Refuge®, Fortenza®, Maxim®, Multi-Pest Complex®, Rooting Power® and Vibrance® are trademarks of a Syngenta Group Company.

**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.**

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

**HERCULEX** 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 Dow AgroSciences LLC.

More information about Agrisure Duracade is available at <http://www.biotradestatus.com/>.

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Respect the Refuge Design is a registered trademark of the Canadian Seed Trade Association.

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**ALWAYS READ AND FOLLOW PESTICIDE LABEL DIRECTIONS.** Roundup Ready 2 Xtend® soybeans contain genes that confer tolerance to glyphosate and dicamba. Agricultural herbicides containing glyphosate will kill crops that are not tolerant to glyphosate, and those containing dicamba will kill crops that are not tolerant to dicamba. Contact your Bayer dealer or call the Bayer technical support line at 1-800-667-4944 for recommended Roundup Ready® Xtend Crop System weed control programs. Roundup Ready 2 Xtend®, Roundup Ready 2 Yield® and Roundup Ready® are registered trademarks of Bayer Group, Monsanto Canada ULC licensee.

**PRODUCT USE STATEMENT:** Enlist E3™ soybeans contain the Enlist E3 trait that provides crop safety for use of labeled over-the-top applications of glyphosate, glufosinate and 2,4-D herbicides featuring Colex-D® technology when applied according to label directions. Following burn-down, the only 2,4-D containing herbicide products that may be used with Enlist™ crops are products that feature Colex-D technology and are expressly labeled for use on Enlist crops. 2,4-D products that do not contain Colex-D technology are not authorized for use in conjunction with Enlist E3 soybeans. **WARNING:** Enlist E3 soybeans are tolerant of over-the-top applications of glyphosate, glufosinate, and 2,4-D. Accidental application of incompatible herbicides to this variety could result in total crop loss. When using 2,4-D herbicides, grower agrees to only use 2,4-D products that contain Colex-D technology authorized for use in conjunction with Enlist E3 soybeans. Always read and follow herbicide label directions prior to use. **YOU MUST SIGN A TECHNOLOGY AGREEMENT, READ THE PRODUCT USE GUIDE PRIOR TO PLANTING. THIS SEED IS ACQUIRED UNDER AN AGREEMENT THAT INCLUDES THE FOLLOWING TERMS:** A license must first be obtained from Corteva Agriscience by signing a Technology Use Agreement and abiding by the terms and conditions of the Product Use Guides for all technologies in this seed, including the Herbicide Resistance Management (HRM), and Use Requirements detailed therein which can be found at [www.corteva.ca/en/trait-stewardship.html](http://www.corteva.ca/en/trait-stewardship.html).

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

**PATENT INFORMATION:** The transgenic soybean event in the Enlist E3™ soybean is protected under Corteva Agriscience and M.S. Technologies, L.L.C. Patent Rights which can be found at: [www.corteva.ca/en/trait-stewardship.html](http://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](http://www.corteva.ca/en/trait-stewardship.html).

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