

HORIZON SEEDS CANADA INC.

HORIZON
SEEDS
CANADA INC.

HORIZON
SEEDS
CANADA INC.

**SEED
GUIDE
2021**



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

CONTENTS

TRAITS & TECHNOLOGY	05
SEED TREATMENTS	06
GRAIN CORN	07
SILAGE CORN	21

Horizon Seeds is excited to be partnering with Ceres Global Seeds as a Western Canada distributor for Horizon Seeds branded grain and silage corn hybrids.

Your Ceres Global Seeds Team

Mark Jorgensen

Managing Director

Office: 204-331-3696

Mobile: 204-362-2242

mjorgensen@ceresglobalseeds.com

Kristen Worley

Seed Administration Manager

Office: 204-331-3696

Mobile: 204-823-1766

kworley@ceresglobalseeds.com

Danielle Berard

Senior Agronomist

Mobile: 204-213-0435

dberard@ceresglobalseeds.com

Jeff Bereza

Director, Sales & Marketing

Mobile: 204-856-6100

jbereza@ceresglobalseeds.com

Daniel Acuna

Account Manager

Mobile: 204-797-1162

dacuna@ceresglobalseeds.com

Talbot Bergsma

Product Manager

Mobile: 204-745-7179

tbergsma@ceresglobalseeds.com



CERES GLOBAL SEEDS

Product	Placement			Herbicide & Insect Tolerance			
	Trait Platform	CHU	RM	Glyphosate	Glufosinate	Above-Ground insects	Above & Below Ground Insects
HZ 1265	GT	2150	72	✓	-	-	-
NEW HZ 1267	3010	2150	72	✓	✓	✓	-
HZ 1451	3120	2200	74	✓	✓	✓	-
HZ 1686	GT	2250	76	✓	-	-	-
HZ 1685	3110	2250	76	✓	✓	✓	-
NEW 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	-	-	-	-
NEW HZ 3020	GT	2700	90	✓	-	-	-
NEW HZ 3050	5122	2700	90	✓	✓	✓	✓
HZ 797GT	GT	2700	90	✓	-	-	-
HZ 3366	CONV	2700	91	-	-	-	-

Product	Placement			Herbicide & Insect Tolerance			
	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	✓	✓	✓	-
NEW HZ 3582	3220	2850	95	✓	✓	✓	-
NEW HZ 3584	5222	2850	95	✓	✓	✓	✓
NEW 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	✓	✓	✓	-
NEW HZ 4314	5122	3100	103	✓	✓	✓	✓

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
Agrisure[®]GT	The Agrisure [®] 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
Agrisure[®]3010	Corn borer control with glyphosate and glufosinate tolerance.	--	Above-ground insects
Agrisure[®]3120 E-Z Refuge [®]	Multiple modes of action against corn borer and suppression of ear-feeding insects.	✓	
Agrisure[®]Viptera[®] 3110	Agrisure Viptera [®] 3110 provides excellent control of above-ground insects where corn rootworm is not a key problem.	--	
Agrisure[®]Viptera[®] 3220 E-Z Refuge [®]	Agrisure Viptera [®] 3220 E-Z Refuge [®] features multiple modes of action for unsurpassed control of broad lepidopteran pests and corn borer.	✓	
Agrisure[®]Artesian[®] 3120A E-Z Refuge [®]	Season-long water optimization, two modes of action against corn borer and herbicide flexibility with an integrated refuge.	✓	
Agrisure[®]Viptera[®] 3220A E-Z Refuge [®]	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.	✓	
Agrisure[®]3000GT	Consistent protection from corn borer and corn rootworm with herbicide flexibility.	--	
Agrisure[®]Viptera[®] 3111	Comprehensive, season-long protection against above-ground insects - including corn rootworm.	--	
Agrisure[®]Duracade[®] 5122 E-Z Refuge [®]	Agrisure Duracade [®] 5122 E-Z Refuge [®] helps protect your crop all season long against above and below-ground insects, including corn rootworm and corn borer.	✓	
Agrisure[®]Duracade[®] 5222 E-Z Refuge [®]	Agrisure Duracade [®] 5222 E-Z Refuge [®] 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.

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.*



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.

UNTREATED SEED

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

*Eligible hybrids only. Treatment options vary per hybrid.

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[®] 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.

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

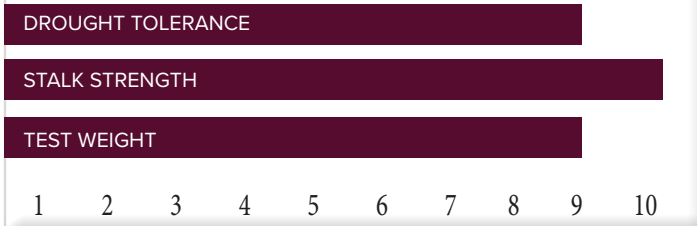


HZ 2315 2500 CHU / 83 RM

Population 32,000 - 38,000	Ear Type Flex	Plant Height Tall
--------------------------------------	-------------------------	-----------------------------

CONVENTIONAL

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

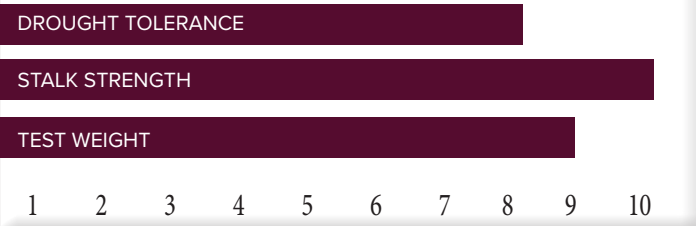


HZ 2532 2550 CHU / 85 RM

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



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

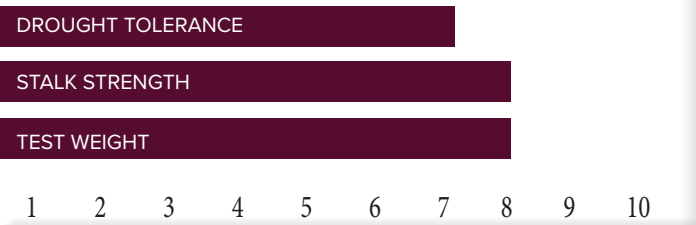


HZ 2980 2675 CHU / 89 RM

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

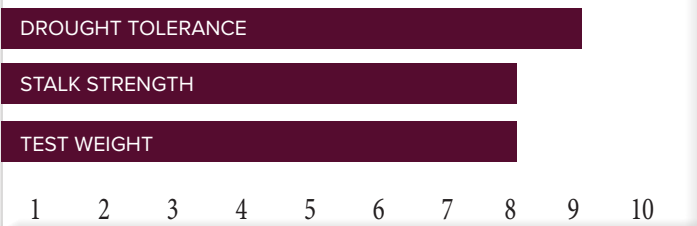


HZ 794 2700 CHU / 90 RM

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

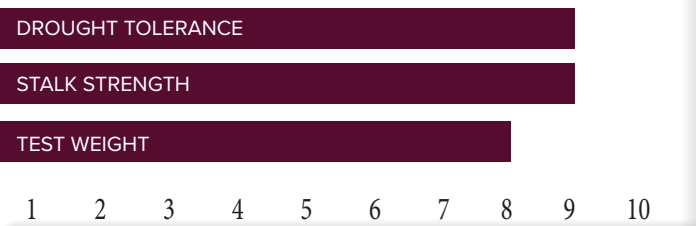


HZ 3366 2700 CHU / 91 RM

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



Product	Growth		Primary Herbicide & Insect Tolerance							Harvest							
	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

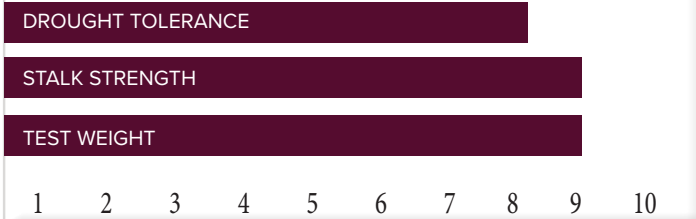
S = Short
M = Medium
T = Tall
VT = Very Tall

HZ 3288 2725 CHU / 92 RM

Population	Ear Type	Plant Height
32,000 - 36,000	Semi-flex	Tall

CONVENTIONAL

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

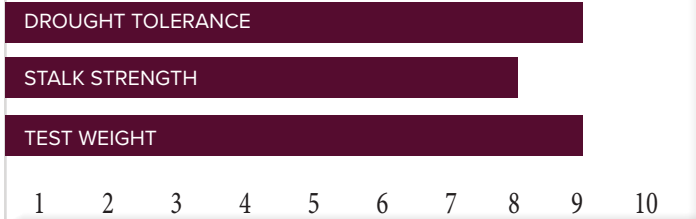


HZ 3676 2875 CHU / 96 RM

Population	Ear Type	Plant Height
32,000 - 36,000	Fixed	Tall

CONVENTIONAL

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

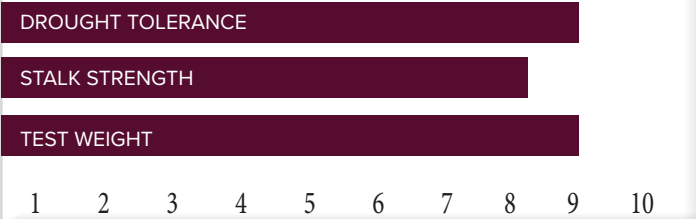


HZ 991 2900 CHU / 97 RM

Population	Ear Type	Plant Height
30,000 - 34,000	Fixed	Tall

CONVENTIONAL

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

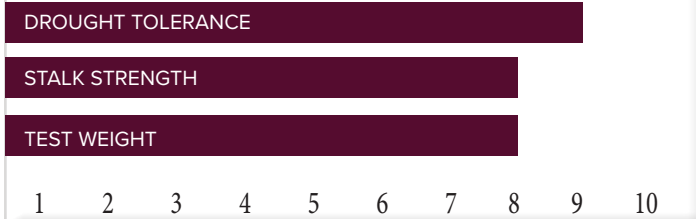


HZ 3717 2900 CHU / 97 RM

Population	Ear Type	Plant Height
32,000 - 34,000	Fixed	Tall

CONVENTIONAL

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

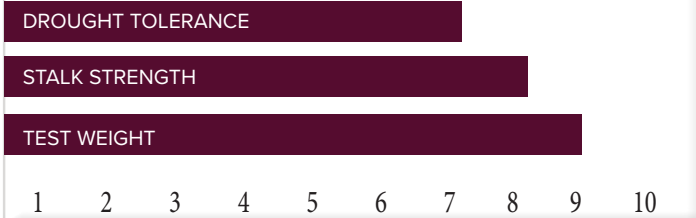


HZ 1028 3000 CHU / 100 RM

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

CONVENTIONAL

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



Product	CHU	RM	Growth						Primary Herbicide & Insect Tolerance						Harvest			
			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	
Hybrid																		
HZ 3288	2725	92	8	10	T	9	9	8	-	-	-	-	-	-	8	9	9	
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

Rating Scale

10 = Excellent
5 = Average
1 = Poor

Plant Height

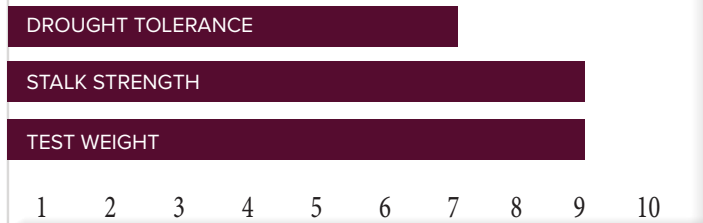
S = Short
M = Medium
T = Tall
VT = Very Tall

HZ 1265 2150 CHU / 72 RM

Population	Ear Type	Plant Height
28,000 - 32,000	Flex	Short

Agrisure^{GT}

- Excellent seedling vigour with quick canopy cover
- Very early flower with quick drydown
- Performs best in-zone

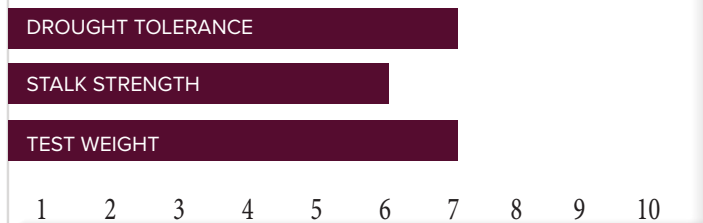


HZ 1451 2200 CHU / 74 RM

Population	Ear Type	Plant Height
32,000 - 34,000	Flex	Short

Agrisure³¹²⁰ E-Z Refuge[®]

- Excellent test weight
- Good spring vigour
- Short statured plant with early flowering

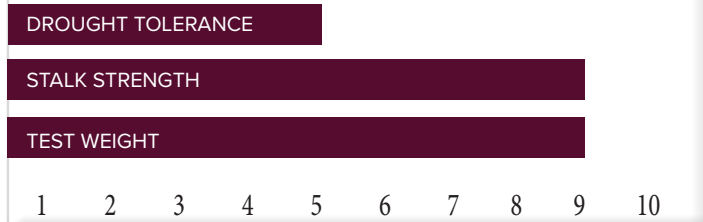


HZ 1685 2250 CHU / 76 RM

Population	Ear Type	Plant Height
32,000 - 36,000	Semi-flex	Medium

Agrisure^{Viptera} 3110

- Very high yield-to-moisture ratio
- Performs best with adequate moisture
- Agrisure Viptera[®] version of HZ 1686



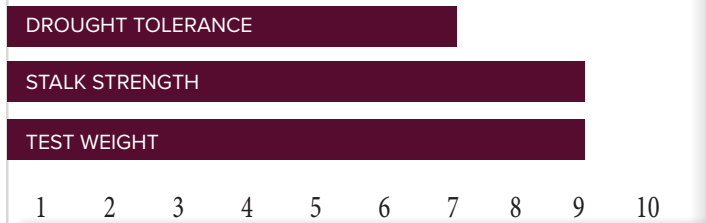
HZ 1267 2150 CHU / 72 RM

Population	Ear Type	Plant Height
28,000 - 32,000	Flex	Short

Agrisure³⁰¹⁰

NEW

- Performs best in-zone
- Excellent seedling vigour with quick canopy cover
- Sister hybrid to HZ 1265 with corn borer protection

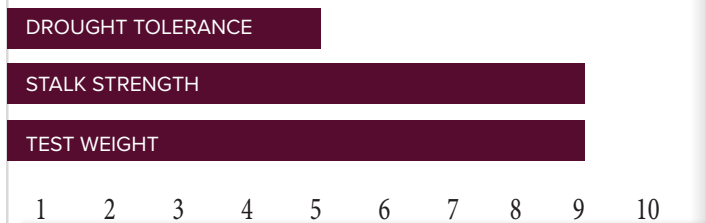


HZ 1686 2250 CHU / 76 RM

Population	Ear Type	Plant Height
32,000 - 36,000	Semi-flex	Medium

Agrisure^{GT}

- Very good stalk strength
- Performs best with adequate moisture
- Very high yield-to-moisture ratio

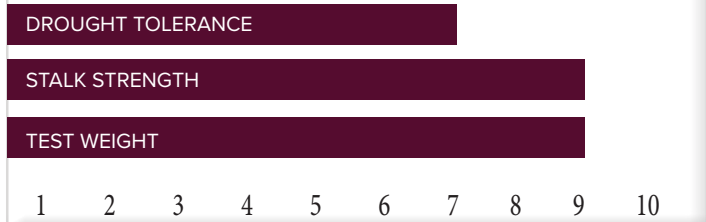


HZ 1912 2375 CHU / 79 RM

Population	Ear Type	Plant Height
32,000 - 36,000	Flex	Medium

Agrisure³¹²⁰ E-Z Refuge[®]

- Outstanding yield potential for its maturity
- Excellent stalk strength with high test weight
- Excellent early season vigour



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 1265	GT	2150	72	10	10	S	9	8	7	✓	-	-	-	-	-	9	9	5
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

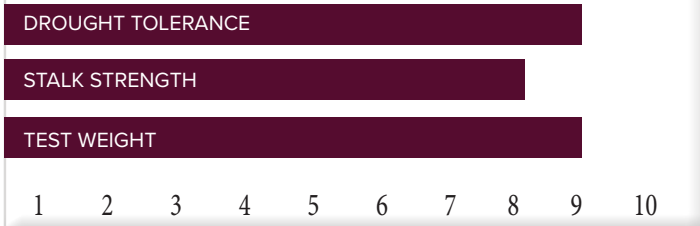
Plant Height
 S = Short
 M = Medium
 T = Tall
 VT = Very Tall

HZ 2220 2400 CHU / 79 RM

Population 32,000 - 36,000	Ear Type Semi-flex	Plant Height Medium
--------------------------------------	------------------------------	-------------------------------

Agrisure 3010

- Performs well on most soil types
- Excellent early season vigour and canopy cover
- Great test weight

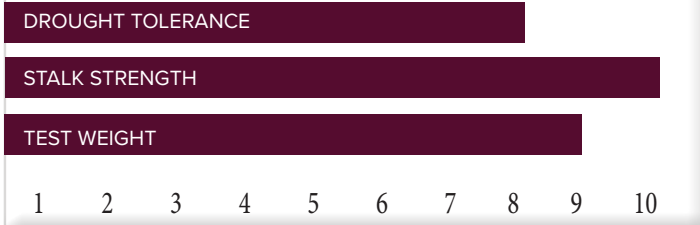


HZ 2536 2550 CHU / 85 RM

Population 32,000 - 38,000	Ear Type Semi-flex	Plant Height Medium
--------------------------------------	------------------------------	-------------------------------

Agrisure Duracade[®] 5222 E-Z Refuge[®]

- Excellent stalk & root strength
- Works well in all crop rotations
- rootworm control with Agrisure Duracade[®]

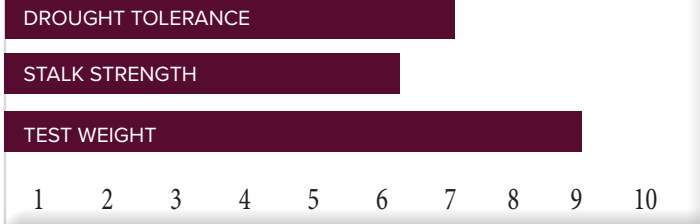


HZ 2853 2650 CHU / 88 RM

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

Agrisure 3120 E-Z Refuge[®]

- Racehorse type hybrid
- Performs best on well fed soils
- Early flowering for its maturity

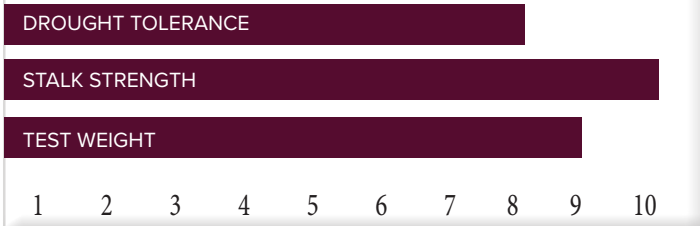


HZ 2534 2550 CHU / 85 RM

Population 32,000 - 38,000	Ear Type Semi-flex	Plant Height Medium
--------------------------------------	------------------------------	-------------------------------

Agrisure Viptera[®] 3220 E-Z Refuge[®]

- Great test weight
- Large erect leaves provide good light distribution
- Excellent stalk and root strength

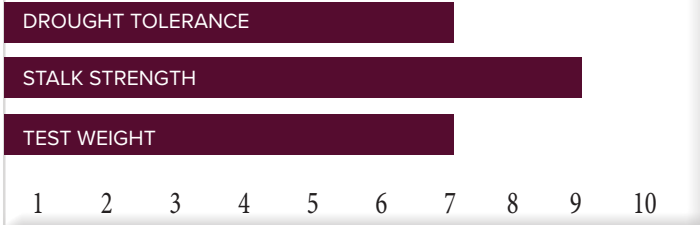


HZ 2708 2600 CHU / 87 RM

Population 32,000 - 36,000	Ear Type Flex	Plant Height Medium
--------------------------------------	-------------------------	-------------------------------

Agrisure 3010

- Performs well across all soil types
- Great stalk and root strength for optimal standability
- Average plant height with low ear set

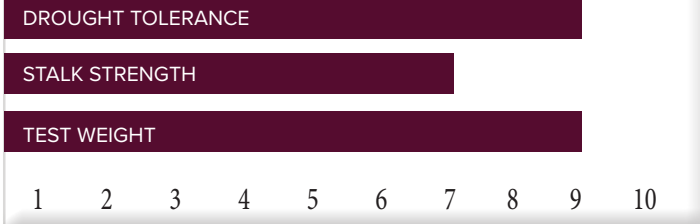


HZ 3020 2700 CHU / 90 RM

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

Agrisure GT NEW

- Excellent husk flare with drooped ears
- Great drought tolerance
- Above average test weight



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
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
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

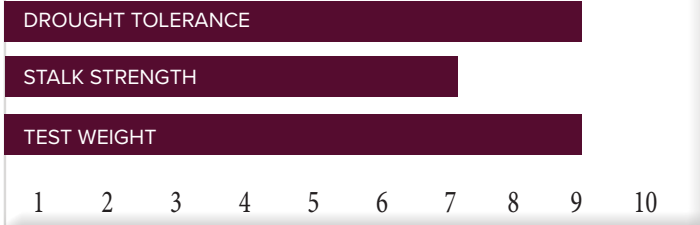
Data compiled from Horizon Seeds conducted field trials. Geographic regions and individual practices will vary this information.

HZ 3050 2700 CHU / 90 RM

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



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

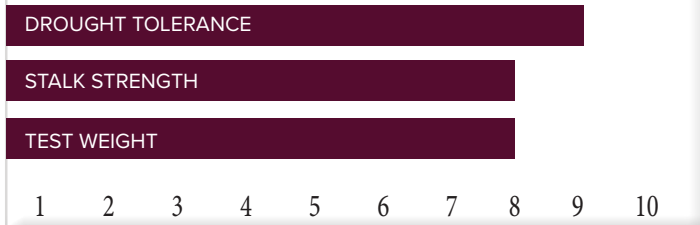


HZ 877 2750 CHU / 92 RM

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

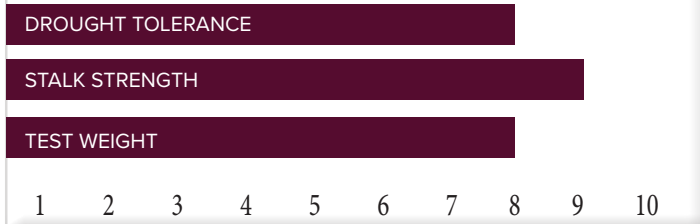


HZ 3245 2750 CHU / 92 RM

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

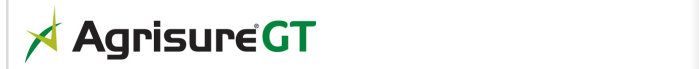


- Showy, quick plant canopy
- Excellent yield potential
- Tall plant with high ear placement

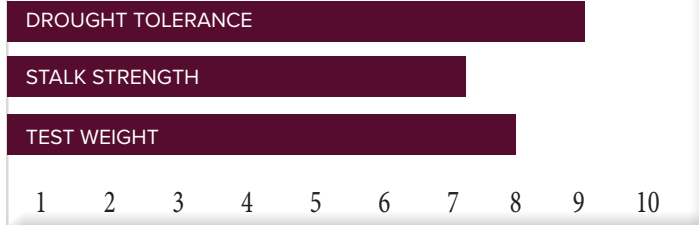


HZ 797GT 2700 CHU / 90 RM

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

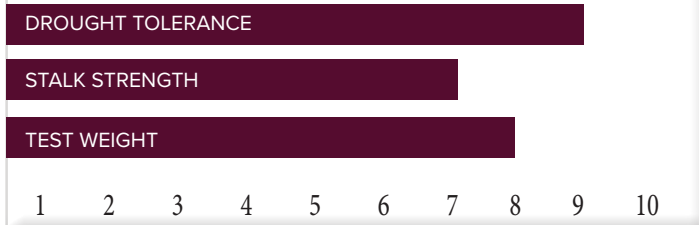


HZ 878 2750 CHU / 92 RM

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



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

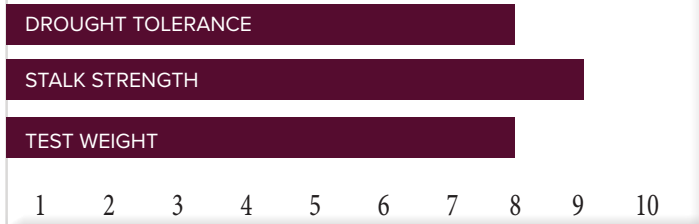


HZ 3247 2750 CHU / 92 RM

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



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



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
Hybrid																		
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

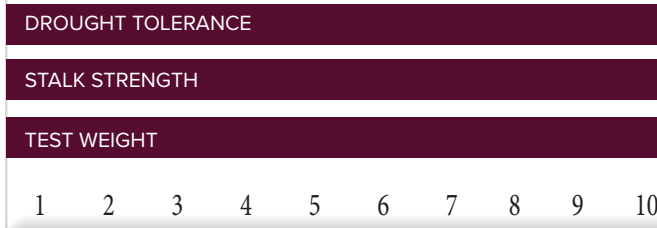
Plant Height
 S = Short
 M = Medium
 T = Tall
 VT = Very Tall

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



HZ 3584 2850 CHU / 95 RM

Population 32,000 - 36,000	Ear Type Flex	Plant Height Tall
-------------------------------	------------------	----------------------



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



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



HZ 3582 2850 CHU / 95 RM

Population 32,000 - 36,000	Ear Type Flex	Plant Height Tall
-------------------------------	------------------	----------------------



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



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



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



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	10	✓	✓	✓	-	-	-	9	10	8
HZ 3582	3220	2850	95	10	9	T	9	10	9	9	✓	✓	✓	✓	✓	-	8	10	10
HZ 3584	5222	2850	95	10	9	T	9	10	9	9	✓	✓	✓	✓	✓	✓	8	10	10
HZ 3787	3220	2900	97	9	9	VT	9	9	7	7	✓	✓	✓	✓	✓	-	8	7	9
HZ 4010	3220A	3000	100	9	9	M	9	9	10	10	✓	✓	✓	✓	✓	-	8	8	5
HZ 4097	GT	3000	100	10	9	T	8	9	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

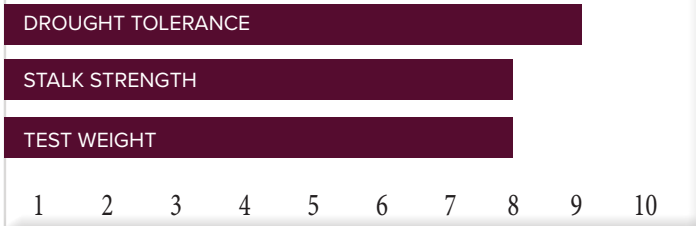
Data compiled from Horizon Seeds conducted field trials. Geographic regions and individual practices will vary this information.

HZ 1040 3025 CHU / 101 RM

Population	Ear Type	Plant Height
32,000 - 34,000	Fixed	Tall



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

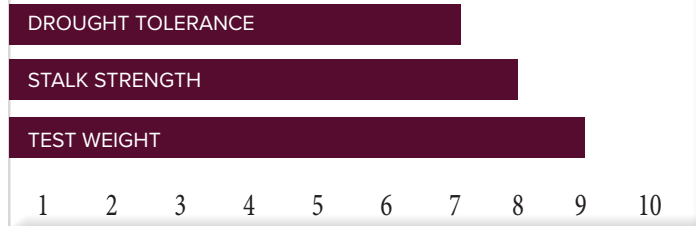


HZ 4101 3025 CHU / 101 RM

Population	Ear Type	Plant Height
32,000 - 36,000	Flex	Tall



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

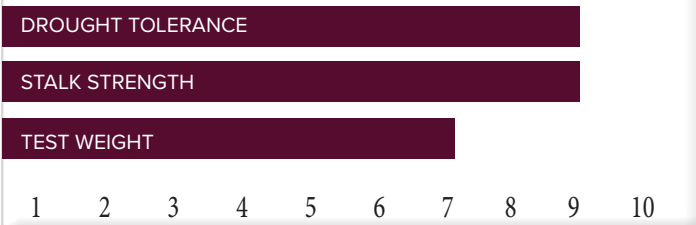


HZ 1052GT 3050 CHU / 102 RM

Population	Ear Type	Plant Height
32,000 - 36,000	Fixed	Tall



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

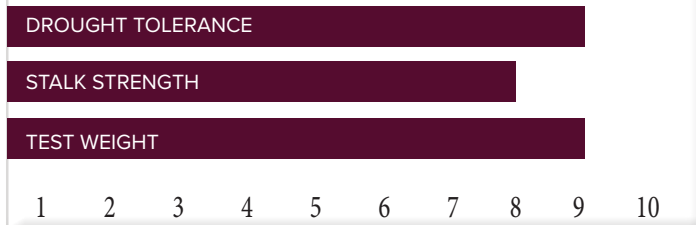


HZ 4398 3075 CHU / 103 RM

Population	Ear Type	Plant Height
32,000 - 36,000	Semi-flex	Medium



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



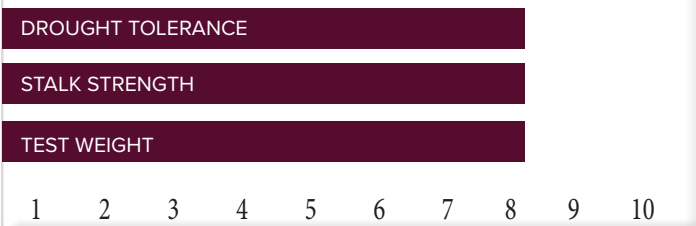
HZ 4314 3100 CHU / 103 RM

Population	Ear Type	Plant Height
32,000 - 36,000	Flex	Tall



NEW

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



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
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.




HZ 1840 2275-2400 CHU / 76-80 RM

Population	TDN / RFV	Silage Window
32,000 - 36,000	71.7 / 173.8	Wide

CONVENTIONAL

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



DROUGHT TOLERANCE [Bar chart: 8]

STALK STRENGTH [Bar chart: 9]

TONNAGE [Bar chart: 7]

1 2 3 4 5 6 7 8 9 10

HZ 2315 2400-2525 CHU / 80-84 RM

Population	TDN / RFV	Silage Window
32,000 - 38,000	72.2 / 170.5	Average

CONVENTIONAL

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

DROUGHT TOLERANCE [Bar chart: 9]

STALK STRENGTH [Bar chart: 10]

TONNAGE [Bar chart: 9]

1 2 3 4 5 6 7 8 9 10

HZ 3717 2900-3000 CHU / 97-100 RM

Population	TDN / RFV	Silage Window
32,000 - 34,000	71.8 / 170.4	Average

CONVENTIONAL

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

DROUGHT TOLERANCE [Bar chart: 9]

STALK STRENGTH [Bar chart: 8]

TONNAGE [Bar chart: 9]

1 2 3 4 5 6 7 8 9 10

HZ 2532 2450-2550 CHU / 82-85 RM

Population	TDN / RFV	Silage Window
32,000 - 38,000	71.6 / 172.9	Average

CONVENTIONAL

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

DROUGHT TOLERANCE [Bar chart: 8]

STALK STRENGTH [Bar chart: 10]

TONNAGE [Bar chart: 7]

1 2 3 4 5 6 7 8 9 10

HZ 3366 2650-2750 CHU / 88-92 RM

Population	TDN / RFV	Silage Window
32,000 - 36,000	67.9 / 170.3	Average

CONVENTIONAL

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

DROUGHT TOLERANCE [Bar chart: 9]

STALK STRENGTH [Bar chart: 9]

TONNAGE [Bar chart: 9]

1 2 3 4 5 6 7 8 9 10

HZ 3676 2800-2900 CHU / 93-97 RM

Population	TDN / RFV	Silage Window
32,000 - 36,000	68.4 / 161.4	Average

CONVENTIONAL NEW

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

DROUGHT TOLERANCE [Bar chart: 9]

STALK STRENGTH [Bar chart: 8]

TONNAGE [Bar chart: 10]

1 2 3 4 5 6 7 8 9 10

HZ 991 2875-2975 CHU / 96-99 RM

Population	TDN / RFV	Silage Window
30,000 - 34,000	72.9 / 184.5	Wide

CONVENTIONAL

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

DROUGHT TOLERANCE [Bar chart: 9]

STALK STRENGTH [Bar chart: 8]

TONNAGE [Bar chart: 8]

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	-	-	-	-	-	-	-
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

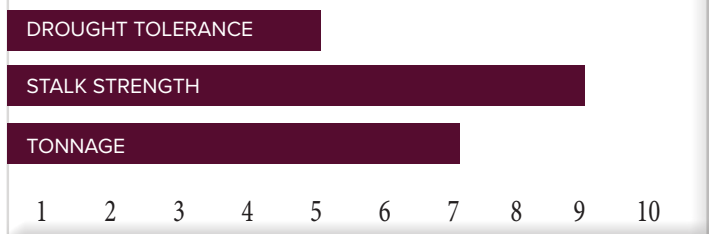
Data compiled from Horizon Seeds conducted field trials. Geographic regions and individual practices will vary this information.

HZ 1686 2225-2300 CHU / 74-77 RM

Population	TDN / RFV	Silage Window
32,000 - 36,000	71.2 / 200.1	Average

Agrisure^{GT}

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

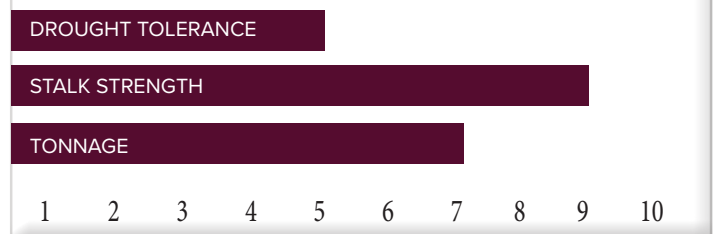


HZ 1685 2225-2300 CHU / 74-77 RM

Population	TDN / RFV	Silage Window
32,000 - 36,000	73.2 / 199.9	Average

Agrisure^{Viptera³¹¹⁰}

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



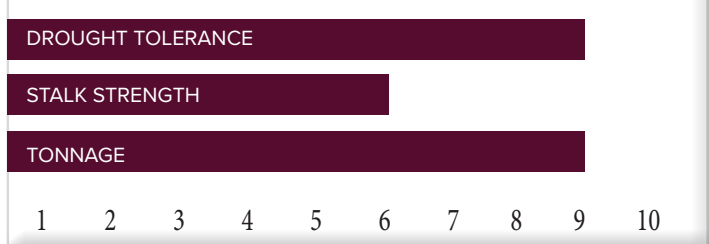
HZ 1710 2250-2350 CHU / 75-78 RM

Population	TDN / RFV	Silage Window
32,000 - 34,000	71.0 / 199.4	Wide

Agrisure³⁰¹⁰ NEW

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

SILAGE SPECIFIC



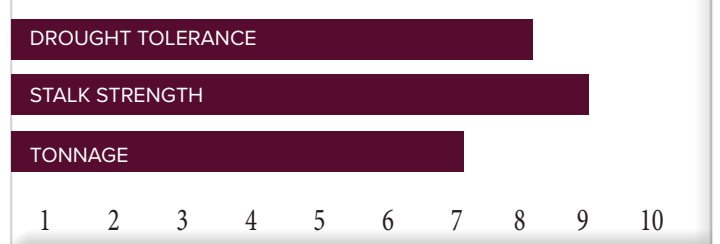
HZ 675 2275-2400 CHU / 76-80 RM

Population	TDN / RFV	Silage Window
32,000 - 36,000	70.8 / 168.7	Wide

Agrisure³⁰¹⁰

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

SILAGE SPECIFIC

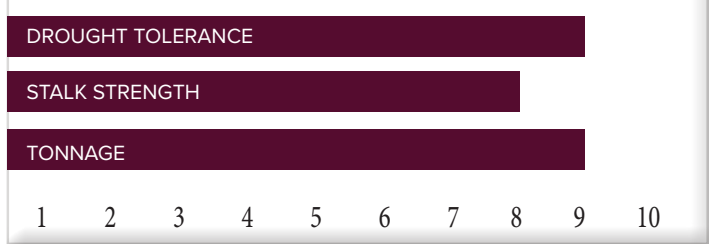


HZ 2220 2300-2425 CHU / 77-81 RM

Population	TDN / RFV	Silage Window
32,000 - 36,000	70.3 / 175.4	Wide

Agrisure³⁰¹⁰

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

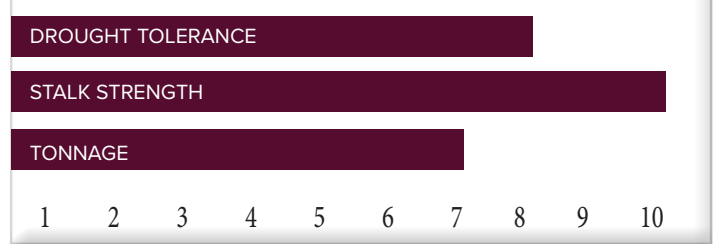


HZ 2534 2450-2550 CHU / 82-85 RM

Population	TDN / RFV	Silage Window
32,000 - 38,000	70.6 / 171.6	Average

Agrisure^{Viptera^{3220 E-Z Refuge}}

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



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	✓	✓	✓	✓	✓	-	

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

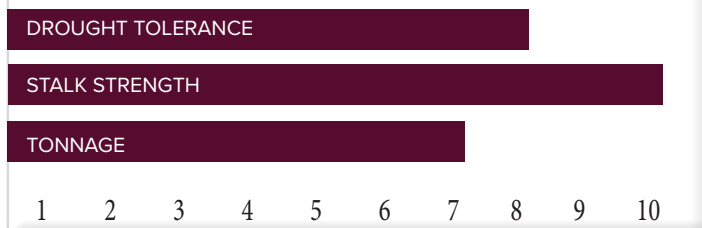
Data compiled from Horizon Seeds conducted field trials. Geographic regions and individual practices will vary this information.

HZ 2536 2450-2550 CHU / 82-85 RM

Population	TDN / RFV	Silage Window
32,000 - 38,000	70.9 / 171.9	Average

AgrisureDuracade[®] 5222 E-Z Refuge[®]

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



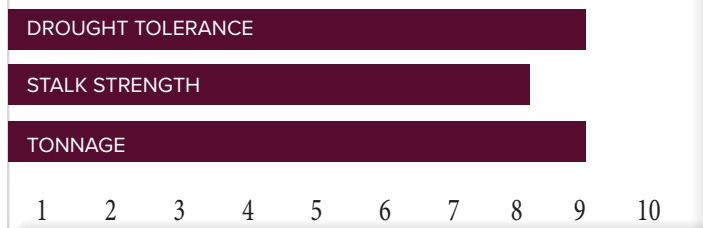
HZ 2810 2550-2675 CHU / 85-89 RM

Population	TDN / RFV	Silage Window
30,000 - 34,000	70.4 / 153.8	Average

AgrisureGT



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



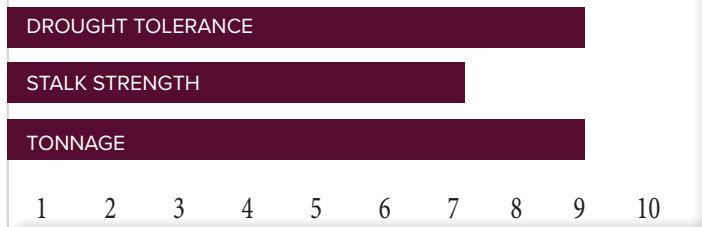
HZ 3020 2600-2725 CHU / 87-91 RM

Population	TDN / RFV	Silage Window
32,000 - 34,000	71.6 / 163.8	Average

AgrisureGT

NEW

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



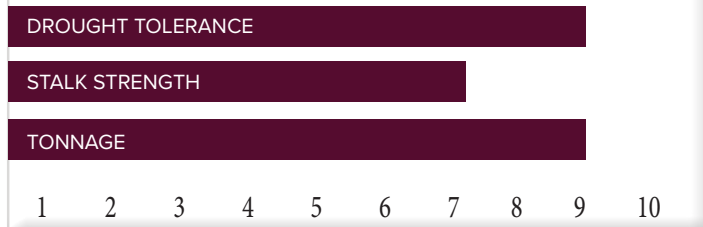
HZ 3050 2600-2725 CHU / 87-91 RM

Population	TDN / RFV	Silage Window
32,000 - 34,000	70.3 / 188.4	Average

AgrisureDuracade[®] 5122 E-Z Refuge[®]

NEW

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

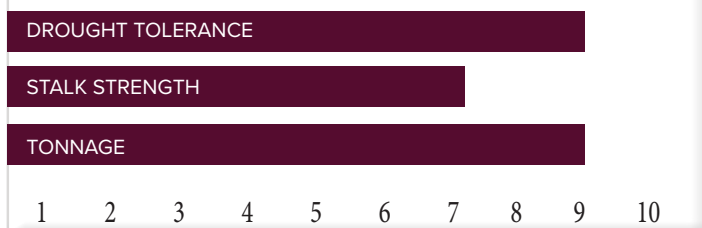


HZ 797GT 2650-2725 CHU / 88-91 RM

Population	TDN / RFV	Silage Window
30,000 - 32,000	70.8 / 165.8	Average

AgrisureGT

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

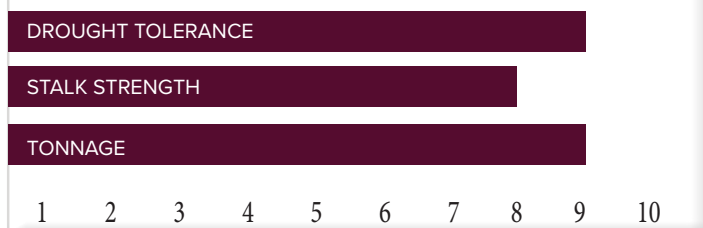


HZ 877 2650-2750 CHU / 88-92 RM

Population	TDN / RFV	Silage Window
30,000 - 32,000	73.3 / 188.7	Average

Agrisure3000GT

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



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	NEW		5122	2600-2725	87-91	9	7	SF	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
3220 E-Z Refuge®

- 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 3247 2650-2750 CHU / 88-92 RM

Population 34,000 - 38,000	TDN / RFV 70.1 / 159.9	Silage Window Average
--------------------------------------	----------------------------------	---------------------------------

Agrisure Duracade
5222 E-Z Refuge®

- 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 3790 2850-2950 CHU / 95-98 RM

Population 30,000 - 34,000	TDN / RFV 71.4 / 167.3	Silage Window Average
--------------------------------------	----------------------------------	---------------------------------

Agrisure GT
SILAGE SPECIFIC

- 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 3245 2650-2750 CHU / 88-92 RM

Population 34,000 - 38,000	TDN / RFV 70.5 / 160.7	Silage Window Average
--------------------------------------	----------------------------------	---------------------------------

Agrisure Viptera
3220 E-Z Refuge®

- 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 3330 2725-2825 CHU / 91-94 RM

Population 30,000 - 34,000	TDN / RFV 69.0 / 148.8	Silage Window Wide
--------------------------------------	----------------------------------	------------------------------

Agrisure 3000GT
SILAGE SPECIFIC

- 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 3787 2850-2950 CHU / 95-98 RM

Population 32,000 - 36,000	TDN / RFV 72.4 / 167.3	Silage Window Average
--------------------------------------	----------------------------------	---------------------------------

Agrisure Viptera
3220 E-Z Refuge®

- 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
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

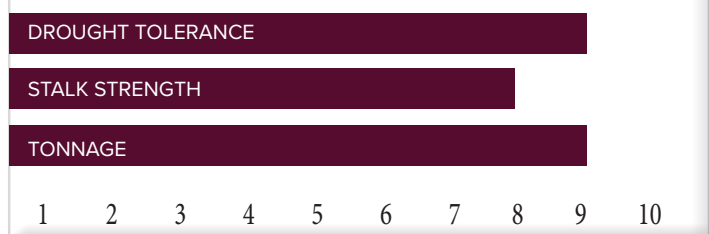
Data compiled from Horizon Seeds conducted field trials. Geographic regions and individual practices will vary this information.

HZ 4097 2950-3025 CHU / 98-101 RM

Population	TDN / RFV	Silage Window
32,000 - 34,000	71.8 / 170.4	Average



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

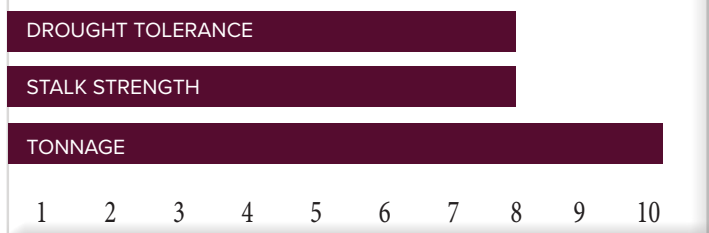


HZ 4037 2950-3100 CHU / 98-103 RM

Population	TDN / RFV	Silage Window
30,000 - 34,000	67.9 / 135.4	Wide



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



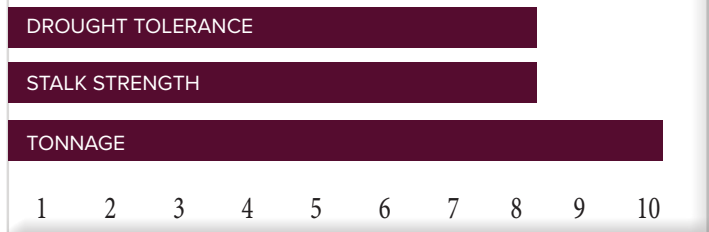
HZ 4314 3000-3125 CHU / 100-104 RM

Population	TDN / RFV	Silage Window
32,000 - 36,000	71.6 / 173.1	Wide



NEW

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

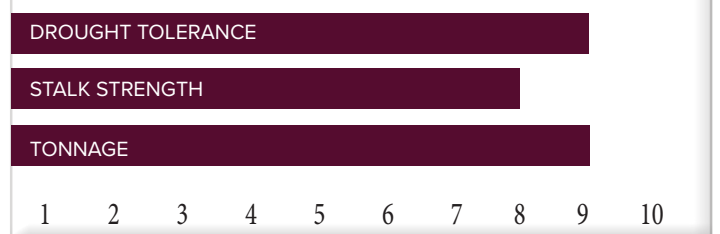


HZ 1040 2950-3025 CHU / 98-101 RM

Population	TDN / RFV	Silage Window
32,000 - 34,000	71.1 / 169.9	Average



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

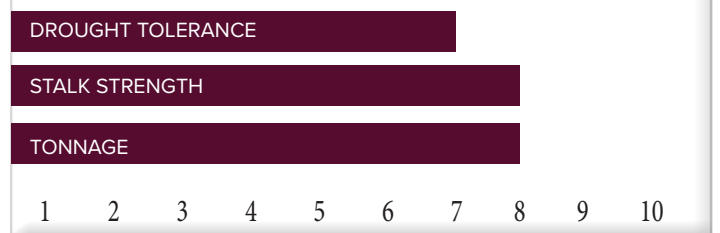


HZ 4101 2975-3050 CHU / 99-102 RM

Population	TDN / RFV	Silage Window
32,000 - 36,000	71.7 / 170.3	Average



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



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	9	✓	-	-	-	-	-
HZ 1040	3111	2950-3025	98-101	9	8	F	9	9	9	9	8	9	8	9	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	9	✓	✓	✓	✓	✓	-
HZ 4314	5122	3000-3125	100-104	8	8	FL	8	10	10	9	10	9	8	9	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

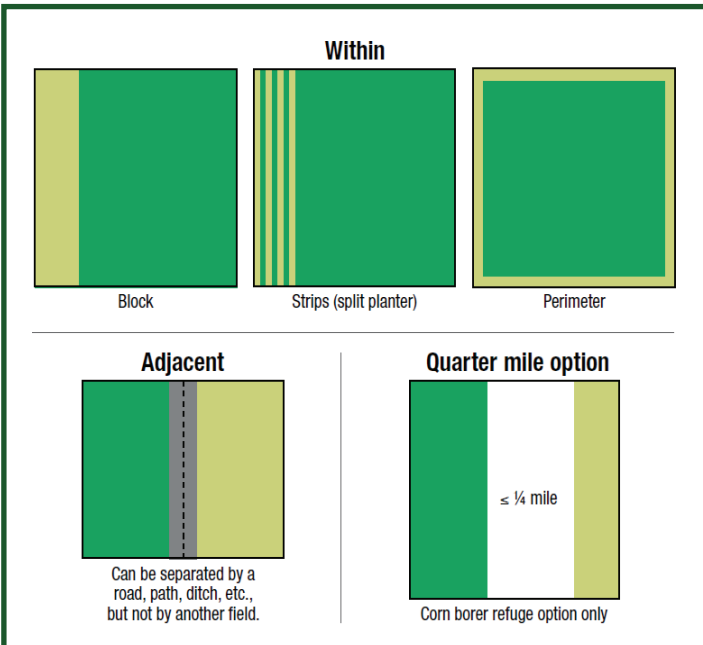
Ear Type
 F = Fixed
 SF = Semi-Flex
 FL = Flex

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

REFUGE
GUIDELINES

Product	Minimum refuge requirement	Location	Why?
Agrisure Viptera ³¹¹⁰ Agrisure 3010	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>
Agrisure Viptera ^{3220 E-Z Refuge} Agrisure 3120 ^{E-Z Refuge} Agrisure Duracade ^{5122 E-Z Refuge} Agrisure Duracade ^{5222 E-Z Refuge}	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.

Looking for Crop Input Financing?

Ask Us About Yield More Financing.™

Call: 1-866-603-4188
 Email: yieldmorefinancing@scotiabank.com

THE HORIZON SEEDS TEAM



Rick Van Laecke
President & CEO
 Tel: 519-983-7255
 Email: rick@horizonseeds.ca



Curtis Van Laecke
Product Development Lead
 Tel: 519-983-4682
 Email: curtis@horizonseeds.ca

REGIONAL BUSINESS LEADS



Garett Veldman
Western Canada
 Tel: 204-750-2919
 Email: garett@horizonseeds.ca




Craig Carson
Eastern ON, QC & Maritimes
 Tel: 613-204-8853
 Email: craig@horizonseeds.ca



Troy Martin
Ontario West
 Tel: 226-688-5857
 Email: troy@horizonseeds.ca




Jessica Van Laecke
Marketing & Communications Lead
 Tel: 519-803-0896
 Email: jessica@horizonseeds.ca




Ang Van Laecke
CFO
 Tel: 519-842-5538
 Email: ang@horizonseeds.ca




Steve Gubesch
Production Manager
 Tel: 519-842-5538
 Email: steve@horizonseeds.ca




Nick Klassen
Assistant Production Manager
 Email: nick@horizonseeds.ca



Alex Whittal
Field Trialing & Research Supervisor
 Email: alex@horizonseeds.ca



Bev Meulemeester
Billing
 Email: bev@horizonseeds.ca



Rosie Russo-Janzen
Logistics Operations Planner
 Tel: 519-842-5538
 Email: rosie@horizonseeds.ca



Morgan Fashing
Processing Planner
 Email: morgan@horizonseeds.ca

our purpose

“IMPROVING LIVES BY REALIZING THE POTENTIAL OF A SEED”

NOTES



Always read and follow label directions. Fortenza® Maxx® Quattro with Vibrance® is an on-seed application of Maxx® 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®, Maxx®, 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.

HX 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/>.

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

Horizon Seeds Canada Inc.
729 Middleton North Walsingham Townline Rd
Courtland, ON
N0J 1E0

519-842-5538
1-855-983-7255
horizonseeds.ca

