



# Greenfield Genetics

## 2024 Seed Guide

Dalton, DV  
Holberg Farm Ltd.

Greenfield Genetics is part of a family owned seed company, proudly providing leading edge genetics to farmers. Our Research and Product Development Department accesses genetics and traits from all around the world combining only the best genetics that perform well on your farm. Numerous hybrids are tested every year across varying climate zones, this ensures your success and our success. Every research plot is tested for yield and whole plant digestibility, rated against competitor checks resulting in accurate comparisons for each hybrid.

# Silage / Grain






















# Conventional Hybrids

Hybrid	Maturity	Description		Trait Package
<b>Linda</b>	RM 75 S 2050 CHU G 2150 CHU	Excellent vigour, Early grain hybrid Drought tolerant, Strong roots Dual purpose, Moves North & West		Conventional
<b>Lola</b>	RM 78 S 2200 CHU G 2300 CHU	Strong silage yield, Grain hybrid Superior roots and stalk, Drought tolerant Good choice for early grain or silage		Conventional
<b>Rex</b>	RM 79 S 2250 CHU G 2450 CHU	Aggressive emergence, Strong fall finish Excellent silage hybrid Superior hybrid for Northern regions		Conventional
<b>32-06</b>	RM 82 S 2300 CHU G 2400 CHU	Dual purpose, Strong grain potential Excellent plant vigour, All soil rated Solid roots and stalks, Proven performer		Conventional
<b>Pamela</b>	RM 85 S 2375 CHU G 2550 CHU	Dual purpose, Excellent silage potential White cob, Attractive tall plant Good roots and stalks, Drought tolerant		Conventional
<b>38-33L</b>	RM 88 S 2650 CHU G 2800 CHU	Strong spring vigour, Consistent yield potential All soil rated hybrid, Ideal silage hybrid Good grain, Superior digestibility		Conventional
<b>Prime</b>	RM 90 S 2700 CHU G 2800 CHU	High test weight, Exceptional tip fill Strong roots, Drought tolerant Good choice for your best ground		Conventional
<b>Zelda</b>	RM 92 S 2800 CHU G 2900 CHU	Tall hybrid, Superior silage quality White cob, Floury starch Drought tolerant, High yield		Conventional












# Trait Hybrids

Hybrid	Maturity	Description		Trait Package
<b>Rustler</b>	RM 71 S 2050 CHU G 2200 CHU	Cool soil vigour, North adaptable hybrid High test weight, Strong fall finish Ideal for high moisture grain or silage		
<b>Raider</b>	RM 72 S 2050 CHU G 2225 CHU	Strong early vigour, Moves North and West Early flowering, Rapid dry down Use for high moisture grain or silage		
<b>Riel</b>	RM 76 S 2150 CHU G 2275 CHU	Cool soil vigour, Sturdy plant Tall hybrid, Moves West & North All soil rated hybrid, Good grain		 Conventional Organic
<b>Ranger</b>	RM 79 S 2250 CHU G 2350 CHU	Early vigour, Adaptable to northern regions Tall hybrid, Strong silage yield Excellent choice for marginal ground		
<b>Vernon</b>	RM 80 S 2275 CHU G 2400 CHU	High test weight, Exceptional tip fill Strong roots, Drought tolerant Good choice for your best ground		 
<b>14T</b>	RM 80 S 2300 CHU G 2400 CHU	Excellent North and West movement Strong stalks for fall integrity Right choice for Grain, Grazing and Silage		 
<b>31-81</b>	RM 81 S 2300 CHU G 2450 CHU	Early silage hybrid, Aggressive growth habit Performs well on challenging ground Solid silage hybrid, High grain potential		
<b>32-33L</b>	RM 82 S 2350 CHU G 2500 CHU	Leay Silage Specific, Floury starch Plant at lower population to maximize yield Superior digestibility, Longer harvest window		

# Silage / Grain

Hybrid	Maturity	Description		Trait Package
<b>34-33L</b>	RM 84 S 2400 CHU G 2550 CHU	Leafy silage specific, Floury starch Excellent digestibility with high grain content Consistent feed conversion, White cob		
<b>Maxx</b>	RM 86 S 2500 CHU G 2600 CHU	Solid tall plant, Adaptable to western regions Soft starch, Superior silage quality Plant at higher populations to maximize yield		
<b>Bonnie</b>	RM 87 S 2650 CHU G 2750 CHU	Superior yield for its maturity Girthy flex ears, Strong roots White cob, Solid grain yield		
<b>Prime</b>	RM 90 S 2700 CHU G 2800 CHU	High test weight, Exceptional tip fill Strong roots, Drought tolerant Good choice for your best ground		   Conventional
<b>Dalton</b>	RM 90 S 2750 CHU G 2850 CHU	Tall hybrid, Strong agronomic package Upright leaf, Good grain, Consistent yield All soil rated, Drought tolerant		 
<b>Select</b>	RM 93 S 2750 CHU G 2850 CHU	Strong emergence and plant health Delivers consistent yields, All soil rated Excellent drought tolerance		 
<b>Jackson</b>	RM 100 S 2950 CHU G 3050 CHU	Grain hybrid, Top end grain yield Rock solid agronomics package Fixed ear, High population		
<b>Sherman</b>	RM 102 S 3000 CHU G 3100 CHU	Superior grain potential, Determinant cob Quality grain hybrid, Fast dry down Solid agronomics, Sturdy stock		 

# Trait Hybrids

Hybrid	Maturity	Description		Trait Package
<b>Patton</b>	RM 107 S 3100 CHU G 3200 CHU	Superior spring vigour, Strong finish Strong roots, All soil rated hybrid Superior choice for silage or grain		  
<b>Otis</b>	RM 110 S 3150 CHU G 3250 CHU	Superior Grain, Dual purpose Solid agronomics, Proven performer Semi flex ear, Excellent roots		
<b>61-53</b>	RM 115 S 3400 CHU G 3500 CHU	Tall Hybrid, Strong dual purpose rating High test weight, Superior plant health All soil rated hybrid, Girthy flex cob		 
<b>Custer</b>	RM 116 S 3550 CHU G 3650 CHU	Dual purpose, Top end grain yield All soil rated root, Excellent stocks Strong agronomics, Proven performer		

## Corn Trait Stack Nomenclature Simplification

Simplified Trait Stack Name	Designator	Former Products
DuracadeViptera™	DV	Agrisure Duracade® 5222 E-Z Refuge®
Duracade™	D	Agrisure Duracade® 5122 E-Z Refuge®
Agrisure® Total	AT	Agrisure® 3122 E-Z Refuge®
Viptera™	V	Agrisure Viptera® 3220 E-Z Refuge®
Agrisure® Above	AA	Agrisure® 3120 E-Z Refuge®

### Cob Type

**D** Determinant, population does not affect kernel count.

**SF** SemiFlex, population affects length and girth.

**F** Flex, population affects length, girth and kernel depth.

Different geographic regions and individual farming practices will vary this information.

Intended as guidelines only.

Scale for Hybrid Summary: 1 - 10 (1 = Poor, 10 = Excellent) ✓ = Tolerant to...

HYBRID SUMMARY LEGEND				INSECT ABBREV.	DESCRIPTION
<b>M</b>	Medium	<b>D</b>	Determinant	<b>ECB</b>	European Corn Borer
<b>MT</b>	Medium Tall	<b>SF</b>	Semi Flex	<b>WBC</b>	Western Bean Cutworm
<b>T</b>	Tall	<b>F</b>	Flex	<b>BlkCW</b>	Black Cutworm
<b>VT</b>	Very Tall			<b>Fall ArmyW</b>	Fall Armyworm
				<b>CRW</b>	Corn Rootworm

# Hybrid Summary


Hybrid	CHU/RM	Trait Platform	Herbicide		
			Glyphosphate	Liberty (corn specific)	Impact
Rustler	2050 - 2200 / RM 71	GT	✓		
Raider	2050 - 2225 / RM 72	GT	✓		
Linda	2050 - 2150 / RM 75	Conventional			✓
Riel	2150 - 2275 / RM 76	GT, Conventional, Organic	✓		✓
Lola	2200 - 2300 / RM 78	Conventional			✓
Rex	2250 - 2450 / RM 79	Conventional			✓
Ranger	2250 - 2350 / RM 79	GT	✓		
Vernon	2275 - 2400 / RM 80	3010, DV	✓	✓	
14T	2300 - 2400 / RM 80	GT, 3000, D	✓	✓	
31-81	2300 - 2450 / RM 81	GT	✓		
32-06	2300 - 2400 / RM 82	Conventional			✓
32-33L	2350 - 2500 / RM 82	GT	✓		
34-33L	2400 - 2550 / RM 84	GT	✓		
Pamela	2375 - 2550 / RM 85	Conventional			✓
Maxx	2500 - 2600 / RM 86	GT	✓		
Bonnie	2650 - 2750 / RM 87	D	✓	✓	
38-33L	2650 - 2800 / RM 88	Conventional			✓
Prime	2700 - 2800 / RM 90	3010, 3000GT, DV, Conventional	✓	✓	✓
Dalton	2750 - 2850 / RM 90	3010, D	✓	✓	
Zelda	2800 - 2900 / RM 92	Conventional			✓
Select	2750 - 2850 / RM 93	3010, D	✓		
Jackson	2950 - 3050 / RM 100	PowerCore Enlist	✓		
Sherman	3000 - 3100 / RM 102	3110, DV	✓	✓	
Patton	3100 - 3200 / RM 107	GT, 3110, DV	✓	✓	
Otis	3150 - 3250 / RM 110	D	✓	✓	
61-53	3400 - 3500 / RM 115	GT, 3000GT	✓	✓	
Custer	3550 - 3650 / RM 116	DV	✓	✓	



# Traits & Technology

Trait Stack	Trait Stack	Modes of Action			Herbicide Tolerance	
		Broad Lep Traits	Corn Borer Traits	Rootworm Traits	Glyphosate	Liberty Link
Agrisure® GT					✓	
Agrisure Artesian® GTA					✓	
Agrisure® 3010			1		✓	✓
Agrisure® 3000GT			1	1	✓	✓
Agrisure Viptera® 3110		1	1		✓	✓
Agrisure Viptera® 3111		1	1	1	✓	✓
Agrisure® 3120 E-Z Refuge® /Viptera™	AA	1	2		✓	✓
Agrisure Viptera® 3220 E-Z Refuge® /Viptera™	V	2	2		✓	✓
Agrisure® 3122 E-Z Refuge® /Agrisure™ Total	AT	1	2	2	✓	✓
Agrisure Artesian® 3122A E-Z Refuge® /Agrisure™ Total	AT	1	2	2	✓	✓
Agrisure Duracade® 5122 E-Z Refuge® /Duracade™	D	1	2	2	✓	✓
Agrisure Duracade® 5222 E-Z Refuge® /DuracadeViptera™	DV	2	2	2	✓	

• Agrisure Artesian® technology can be stacked with any of our best-in-class insect or herbicide traits, and will be designated by a capital "A" after the numerical identifiers.



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.

## Grower Programs

Early Payment Incentives

Volume Incentives



Agrisure®, Agrisure Artesian®, Agrisure Duracade®, Agrisure Viptera® and E-Z Refuge® are registered 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.**



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, postemergent 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.



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More information about Agrisure Duracade® is available at: [www.biotradestatus.com](http://www.biotradestatus.com)



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