



*Greenfield Genetics*

*2023 Seed Guide*

DALTON 5122DC EZ  
Edaleen Dairy

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.



Hybrid	Maturity	Description	Trait Package
61-53	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>AgrisureGT</b> <b>Agrisure3000GT</b>
Lincoln	RM 116 S 3500 CHU G 3600 CHU	Top end silage yield, high digestibility Good choice for high moisture grain Robust plant, Strong agronomics	 <b>AgrisureViptera</b>
Grant	RM 118 S 3550 CHU G 3700 CHU	Superior silage hybrid, Tall plant Position on better ground for highest yield Solid agronomics, Proven performer	 <b>AgrisureViptera</b>

## 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 kerneldepth.

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
M	Medium	D	Determinant	ECB	European Corn Borer
MT	Medium Tall	SF	Semi Flex	WBC	Western Bean Cutworm
T	Tall	F	Flex	BlkCW	Black Cutworm
VT	Very Tall			Fall ArmyW	Fall Armyworm
				CRW	Corn Rootworm

Hybrid	Maturity	Description	Trait Package
Rex	RM 80 S 2300 CHU G 2450 CHU	Aggressive emergence, Strong fall finish Excellent silage hybrid Superior hybrid for Northern regions	 Conventional
31-81	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	 AgriSure GT
30-82	RM 82 S 2300 CHU G 2400 CHU	Strong silage yield Tall plant, Excellent plant vigour All soil rated hybrid	 Conventional
32-33L	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	 AgriSure GT
34-33L	RM 84 S 2400 CHU G 2550 CHU	Leafy Silage Specific, Floury starch Excellent digestibility with high grain content Consistent feed conversion, White cob Long harvest window	 AgriSure GT
35-85	RM 85 S 2450 CHU G 2600 CHU	Excellent cool soil vigour, Strong fall finish Excellent silage yield, Moves North & West All soil rated hybrid, Drought tolerant	 Conventional
Maxx	RM 86 S 2575 CHU G 2700 CHU	Solid tall plant, Adaptable to western regions Soft starch, Superior silage quality Plant at higher populations to maximize yield	 AgriSure GT
Bonnie	RM 87 S 2650 CHU G 2750 CHU	Superior yield for its maturity Girthy flex ears, Strong roots White cob, Solid grain yield	 AgriSure Duracade® D

# Traits & Technology

Trait Stack	Trait Stack Nomenclature	Modes of Action			Artesian	Herbicide Tolerance	
		Broad Lep Traits	Corn Borer Traits	Rootworm Traits		Glyphosate	Liberty Link
Agrisure® GT						✓	
Agrisure Artesian® GTA					✓	✓	
Agrisure® 3010			1			✓	✓
Agrisure Artesian® 3010A			1		✓	✓	✓
Agrisure® 3000GT			1	1		✓	✓
Agrisure Artesian® 3011A			1	1	✓	✓	✓
Agrisure Viptera® 3110		1	1			✓	✓
Agrisure Viptera® 3111		1	1	1		✓	✓
Agrisure® 3120 E-Z Refuge®	AA	1	2			✓	✓
Agrisure Viptera® 3220 E-Z Refuge®	V	2	2			✓	✓
Agrisure® 3122 E-Z Refuge®	AT	1	2	2		✓	✓
Agrisure Artesian® 3122A E-Z Refuge®	AT	1	2	2	✓	✓	✓
Agrisure Duracade® 5122 E-Z Refuge®	D	1	2	2		✓	✓
Agrisure Duracade® 5222 E-Z Refuge®	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.

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.

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: [www.biotechstatus.com](http://www.biotechstatus.com)

## Grower Programs

### Early Payment Incentives



### Volume Incentives



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# Silage / Grain

Hybrid	Maturity	Description	Trait Package
<b>Rebel</b>	RM 69 S 1975 CHU G 2150 CHU	Early hybrid, Excellent spring vigour Good drydown, Moves North and West Short season hybrid for early or late planting	 <b>AgrisureGT</b>
<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>AgrisureGT</b>
<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>AgrisureGT</b>
<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, with good grain	 <b>AgrisureGT</b> <b>Conventional</b> <b>Organic</b>
<b>28-80</b>	RM 79 S 2250 CHU G 2350 CHU	Strong spring vigour, Consistent yield potential All soil rated hybrid, Ideal silage hybrid Good grain and overall plant digestibility	 <b>Organic</b>
<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>Agrisure3010</b> <b>AgrisureDuracade®</b> <b>DV</b>
<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>AgrisureGT</b> <b>Agrisure3000GT</b> <b>AgrisureDuracade®</b> <b>DV</b>
<b>Ranger</b>	RM 80 S 2300 CHU G 2450 CHU	Early vigour, Adaptable to northern regions Tall hybrid, Strong silage yield Excellent choice for marginal ground	 <b>AgrisureGT</b>

# Silage / Grain

Hybrid	Maturity	Description	Trait Package
<b>38-33L</b>	RM 88 S 2650 CHU G 2800 CHU	Tall leafy hybrid, Flouy starch White cob, Superior silage quality Plant at lower populations to maximize yield	 Conventional
<b>Prime</b>	RM 90 S 2700 CHU G 2800 CHU	Superior yield for its maturity Girthy flex ears, Strong roots Floury starch, High test weight	 <b>Agrisure3000GT</b> <b>AgrisureDuracade® 5122 E-Z Refuge®</b> <b>DV</b>
<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>Agrisure3010</b> <b>AgrisureDuracade® 5122 E-Z Refuge®</b> <b>D</b>
<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>Agrisure3010</b> <b>AgrisureDuracade® 5122 E-Z Refuge®</b> <b>D</b>
<b>48-44</b>	RM 101 S 2950 CHU G 3000 CHU	Top end grain yield, Semi flex ear Rock solid agronomics package All soil rated hybrid, Strong stocks	 <b>AgrisureViptera® 3110</b>
<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	 <b>AgrisureViptera® 3110</b> <b>AgrisureDuracade® 5122 E-Z Refuge®</b> <b>DV</b>
<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>AgrisureGT</b> <b>AgrisureDuracade® 5122 E-Z Refuge®</b> <b>DV</b> Conventional
<b>Bradley</b>	RM 113 S 3300 CHU G 3400 CHU	Superior silage hybrid, Flex cob Position on better ground for highest yield Solid agronomics, Proven performer	 <b>Agrisure3000GT</b>

# Hybrid Summary

Hybrid	Heat Units/RM	Trait Platform	Refuge Option	Herbicide	
				Glyphosphate	Impact
Rebel	1975 - 2150 / RM 69	GT		✓	
Rustler	2050 - 2200 / RM 71	GT		✓	
Raider	2050 - 2225 / RM 72	GT		✓	
Riel	2150 - 2275 / RM 76	GT, Conventional		✓	✓
28-80	2250 - 2350 / RM 79	Conventional			✓
Vernon	2275 - 2400 / RM 80	3010, 5122DC EZ	14T GT	✓	
14T	2300 - 2400 / RM 80	GT, 3000, 5122DC EZ	14T GT	✓	
Ranger	2300 - 2450 / RM 80	GT		✓	
Rex	2300 - 2450 / RM 80	Conventional			✓
31-81	2300 - 2450 / RM 81	GT		✓	
30-82	2300 - 2400 / RM 82	Conventional			✓
32-33L	2350 - 2500 / RM 82	GT	14T GT	✓	
34-33L	2400 - 2550 / RM 84	GT		✓	
35-85	2450 - 2600 / RM 85	Conventional			✓
Maxx	2575 - 2700 / RM 86	GT		✓	
Bonnie	2650 - 2750 / RM 87	5122DC EZ		✓	
38-33L	2650 - 2800 / RM 88	Conventional			✓
Prime	2700 - 2800 / RM 90	3000GT, 5222DC EZ, Conv.	MAXX GT	✓	✓
Dalton	2750 - 2850 / RM 90	3010, 5122DC EZ	MAXX GT	✓	
Select	2750 - 2850 / RM 93	3010, 5122DC EZ	MAXX GT	✓	
48-44	2950 - 3000 / RM 101	3111	Patton GT	✓	
Sherman	3000 - 3100 / RM 102	3110, 5222DC EZ	Patton GT	✓	
Patton	3100 - 3200 / RM 107	GT, 5222DC EZ, Conventional		✓	✓
Bradley	3300 - 3400 / RM 113	3000GT	Patton GT	✓	
61-53	3400 - 3500 / RM 115	GT, 3000GT	Patton GT	✓	
Lincoln	3500 - 3600 / RM 116	3111	Patton GT	✓	
Grant	3550 - 3700 / RM 118	3111	61-53 GT	✓	