









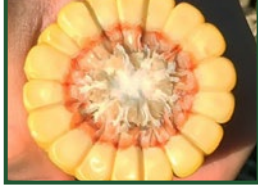












2021 Seed Guide

Legacy 5122DC EZ

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

Hybrid	Maturity	Description		Trait Package
Rustler	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		
Raider	RM 72 S 2050 CHU G 2225 CHU	Strong early vigour, Moves North and West Early flowering, Rapid dry down Use for grain, high moisture grain or silage		
Roxanne	RM 73 S 2075 CHU G 2250 CHU	Aggressive emergence, Strong fall finish Excellent dual purpose hybrid Superior hybrid for Northern regions		
Riel	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		
Taber	RM 78 S 2250 CHU G 2325 CHU	Superior disease resistance package High grain yield, Flared husks Rapid dry down, Ideal grain hybrid		
Vernon	RM 80 S 2275 CHU G 2400 CHU	High test weight, Exceptional tip fill Strong roots, Drought tolerant Good choice for your best ground		 
14T	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		  
30-30	RM 80 S 2300 CHU G 2400 CHU	Dual purpose hybrid, Girthy cob Strong stalks & roots, Flared husks Exceptional grain quality for maturity		

Hybrid	Maturity	Description	Trait Package
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30-82
RM 82
S 2300 CHU
G 2400 CHU

Strong silage yield
Tall plant, Excellent plant vigour
All soil rated hybrid



Conventional

17X
RM 83
S 2300 CHU
G 2400 CHU

Tall hybrid, Superior yield capabilities
Rapid dry down, High starch
Excellent Milk per Acre rated hybrid



✦ Agrisure[®]GT
✦ Agrisure[®]3010
✦ Agrisure[®]3000GT
✦ Agrisure[®]Duracade[®]
5122 E-Z Refuge[®]

Legacy
RM 84
S 2350 CHU
G 2450 CHU

Consistent yields, All soils rated hybrid
Excellent drought tolerance, Strong roots
Solid grain yield, Good tip fill



✦ Agrisure[®]3010
✦ Agrisure[®]Duracade[®]
5122 E-Z Refuge[®]

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

38-33L
RM 88
S 2650 CHU
G 2800 CHU

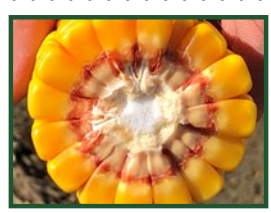
Tall leafy hybrid, Floury starch
White cob, Superior silage quality
Plant at lower populations to maximize yield



Conventional

Prime
RM 90
S 2700 CHU
G 2800 CHU

Superior yield for its maturity
Girthy flex ears, Strong roots
Floury starch, High test weight



✦ Agrisure[®]3010
✦ Agrisure[®]3000GT
✦ Agrisure[®]Duracade[®]
5122 E-Z Refuge[®]
Conventional

Select
RM 93
S 2750 CHU
G 2850 CHU

Strong emergence and plant health
Excellent drought tolerance, Good roots
Delivers consistent yields, All soil rated



✦ Agrisure[®]Artesian[®]
3010A
✦ Agrisure[®]Duracade[®]
5222A E-Z Refuge[®]















43-35L
RM 97
S 2900 CHU
G 3050 CHU

Tall hybrid, Strong agronomic package
Soft starch, Excellent whole plant digestibility
Plant at lower populations to maximize yield



✦ Agrisure[®]GT

Silage / Grain

Hybrid	Maturity	Description		Trait Package
48-44	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		
Jackson	RM 104 S 3050 CHU G 3100 CHU	Superior grain potential, Determinant cob Quality grain hybrid, Fast dry down Solid agronomics, Sturdy stock		
Patton	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		
60-21	RM 111 S 3200 CHU G 3300 CHU	Early vigour, Determinant cob Performs well at high population Ideal for high moisture grain or silage		
Bradley	RM 113 S 3300 CHU G 3400 CHU	Superior silage hybrid, Flex cob Position on better ground for highest yield Solid agronomics, Proven performer		
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		
Lincoln	RM 116 S 3500 CHU G 3600 CHU	Superior silage potential Excellent digestibility Good choice for high moisture grain Robust plant, Strong agronomics		

S Silage G Grain

INSECT CONTROL THAT DEFENDS YOUR YIELD.

ABOVE GROUND,

With the comprehensive protection provided by Agrisure Viptera® and Agrisure Duracade® trait technology, your yield has a better chance of reaching its full profit potential. Agrisure Viptera defends against insects above ground, while Agrisure Duracade protects against below-ground pests, for protection anywhere you need it. Talk to your local seed reseller about profit protection that goes above and beyond.

AND BELOW.

★ Agrisure Viptera® | ★ Agrisure Duracade®

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MW 1AGT8103-CORN-GLG 02/19

Alfalfa Varieties

Dakota Brand Alfalfa

Bred for growing areas of Western Canada

Tap root, fine stem, multi leaf

Excellent leaf retention for hay production

DRI 34/35 , FD 4 WSI 1.8

Cut: 2 - 4 per year



Dawson Brand Alfalfa

Superior resistance to Winter Kill in northern regions

Refined stem, multi leaf with a strong tap root

Ideal for hay or silage production

DRI 26/30 , FD 3 WSI 2.

Cut: 2 - 3 per year

Dawson Brand
Close-up!



Hybrid Summary

Hybrid	Heat Units/RM	Trait Platform	Refuge Option	Herbicide	
				Glyphosphate	Impact
Rustler	2050 – 2200 / RM 71	GT		✓	
Raider	2050 – 2225 / RM 72	GT		✓	
Roxanne	2075 – 2250 / RM 73	3010, Conventional	Raider GT	✓	✓
Riel	2150 – 2275 / RM 76	GT		✓	
Taber	2250 – 2325 / RM 78	3010, Conventional	Riel GT	✓	✓
Vernon	2275 – 2400 / RM 80	3010, 5122DC EZ, Conventional	14T GT	✓	✓
14T	2300 – 2400 / RM 80	GT, 3000, 3122 EZ	14T GT	✓	✓
30-30	2300 – 2400 / RM 80	Conventional			✓
30-82	2275 – 2400 / RM 82	Conventional			✓
17X	2300 – 2400 / RM 83	GT, 3010, 3000GT, 5122DC EZ	17X GT	✓	
Legacy	2350 – 2450 / RM 84	3010, 3000GT, 5122DC EZ	17X GT	✓	
35-85	2450 – 2600 / RM 85	Conventional			✓
38-33L	2650 – 2800 / RM 88	Conventional			✓
Prime	2700 – 2800 / RM 90	3010, 3000GT, 5222DC EZ, Conv.	17X GT	✓	✓
Select	2750 – 2850 / RM 93	3010A, 5222ADC EZ	17X GT	✓	✓
43-35L	2900 – 3100 / RM 97	GT		✓	
48-44	2950 – 3000 / RM 101	3111	Patton GT	✓	
Jackson	3050 – 3100 / RM 104	3122 EZ		✓	
Patton	3100 – 3200 / RM 107	GT, 5222DC EZ, Conventional		✓	✓
60-21	3200-3300 / RM 111	GT		✓	
Bradley	3350 – 3400 / RM 112	3000GT	Patton GT	✓	
61-53	3450 – 3500 / RM 115	GT, 3000GT	Patton GT	✓	
Lincoln	3500 – 3550 / RM 116	3111	Patton GT	✓	

LEGEND	
M	Medium
MT	Medium Tall
T	Tall
VT	Very Tall
D	Determinant
SF	Semi Flex
F	Flex

INSECT ABBREV.	DESCRIPTION
ECB	European Corn Borer
WBC	Western Bean Cutworm
BlkCW	Black Cutworm
Fall ArmyW	Fall Armyworm
CRW	Corn Rootworm

Insect Tolerance					FLOURY GRAIN RATING	COB TYPE	PLANT POP	PLANT HEIGHT	SEEDLING VIGOUR	STALK STRENGTH	DROUGHT TOLERANCE	DISEASE RATING	SILAGE APPEAL	STAY GREEN	DRYDOWN	TEST WEIGHT
ECB	WBC	BlkCW	Fall ArmyW	CRW												
					6	D	30-35	M	10	9	7	8	8	7	9	8
					6	D	30-35	MT	10	9	7	8	9	7	9	8
✓			✓		7	SF	30-33	MT	10	9	8	9	9	8	8	9
					7	D	30-35	T	10	9	9	8	9	8	8	7
✓			✓		8	SD	31-33	MT	8	8	8	8	7	8	8	9
✓	✓	✓	✓	✓	8	SF	31-33	T	9	8	9	9	9	8	8	9
✓	✓	✓	✓	✓	8	SF	30-33	MT	8	8	7	7	8	7	9	7
					8	SF	29-32	M	8	9	8	8	8	7	9	8
					9	SF	31-35	T	8	9	8	8	10	7	8	7
✓	✓	✓	✓	✓	7	F	30-33	VT	7	8	8	7	10	8	9	8
✓	✓	✓	✓	✓	8	SF	30-33	T	7	8	9	8	9	8	8	8
					7	SF	30-33	T	10	8	9	8	9	8	7	7
					8	SF	27-29	VT	9	7	9	8	10	10	7	7
✓	✓	✓	✓	✓	10	F	28-32	VT	9	9	8	8	9	8	8	8
✓	✓	✓	✓	✓	9	SF	30-32	VT	8	9	10	8	9	9	8	8
					10	F	27-29	VT	9	8	9	7	10	10	7	7
✓	✓	✓	✓	✓	7	SF	30-34	MT	8	8	8	9	9	8	9	9
✓	✓	✓	✓	✓	6	D	31-36	MT	8	9	8	9	6	7	9	9
✓	✓	✓	✓	✓	8	F	31-34	T	10	10	9	8	10	9	8	8
					8	D	31-36	T	8	9	8	8	10	9	8	8
✓			✓	✓	8	SF	30-34	T	8	9	8	8	10	9	8	8
✓			✓	✓	8	SF	30-35	VT	9	9	8	8	9	9	8	8
✓	✓	✓	✓	✓	8	SF	30-35	VT	8	9	8	8	9	9	8	8

Based on our understanding of the traits listed in the “Trait Platform” column of the “Hybrid Summary” chart, we’ve added checks for additional pests controlled or suppressed in the “Insect Tolerance” columns. In some cases pests are controlled or suppressed by one trait stack but not necessarily all the stacks listed.

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.


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

Different geographic regions and individual farming practices will vary this information.
Intended as guidelines only.

Traits & Technology

Trait Stack	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®	1	2			✓	✓
Agrisure Viptera® 3220 E-Z Refuge®	2	2			✓	✓
Agrisure® 3122 E-Z Refuge®	1	2	2		✓	✓
Agrisure Artesian® 3122A E-Z Refuge®	1	2	2	✓	✓	✓
Agrisure Duracade® 5122 E-Z Refuge®	1	2	2		✓	✓
Agrisure Duracade® 5222 E-Z Refuge®	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.

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Important: Always read and follow label and bag tag instructions; only those labeled as tolerant to glufosinate may be sprayed with glufosinate ammonium based herbicides.



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

Grower Programs

Early Payment Incentives
Volume Incentives



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DEALER INFORMATION