



Prime GTCBLL
Valedoorn Farms Agassiz, BC
Agassiz Corn King

At Greenfield Genetics we are always thinking innovation. 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. Each research plot is tested for quality plus yield and/or overall whole plant digestibility against competitor checks resulting in accurate ratings for each hybrid, for floury kernel starch and milk per ton.

2017 Seed Guide

Grain / Dual Purpose Hybrids

Focus	CHU 2200 RM 76	Top yielding dual purpose hybrid Open leaf structure, good ear placement Early Vigour, Solid agronomic package Superior silage potential for maturity		Agrisure ^{GT} & Conventional
Tucson	CHU 2200 RM 76	Early flowering, Rapid drydown Girthy cob, High test weight Excellent dual purpose hybrid		Conventional & Organic
Magnum	CHU 2200 RM 76	Superior hybrid for Northern areas Early flowering with excellent grain drydown Strong grain yield potential		Agrisure GTCBLLBL
13 B	CHU 2250 RM 77	Superior disease resistance and health package High grain yield, Flared husks promotes rapid vgrain drydown Excellent standability, with strong stalks and roots		Agrisure GTCBLLBL
13 N	CHU 2250 RM 78	Good spring vigour and emergence Strong stalks and roots with late harvest integrity Excellent drydown with good test weight		Organic
Target	CHU 2250 RM 78	Exceptional grain potential, dual purpose hybrid Strong emergence and vigour Good whole plant drydown		Agrisure ^{GT}
Hyttest	CHU 2250 RM 78	Floury Starch, High test weight Strong dual purpose plant with good roots Good agronomics with attractive white cob		Agrisure GT/CB/LL
Caliber	CHU 2300 RM 79	Rock solid root and stalks Tall dual purpose hybrid Excellent plant health with good grain potential		Agrisure ^{GT}

14T	CHU 2300 RM 80	Dent hybrid with outstanding grain yield Strong stalks for fall integrity Excellend North and West hybrid movement Good choice as a grain or silage hybrid		 Agrisure GT  Agrisure GT/CB/LL & Conventional
17 X	CHU 2350 RM 83	Tall hybrid with good standability High yielding silage and grain potential Dent starch type, with fast drydown		 Agrisure GT & Conventional
Legacy	CHU 2400 RM 84	Delivers consistent yields on all soil types Sturdy stalks with excellent drought tolerance Good whole plant drydown, with strong grain yields		 Agrisure GT & Conventional
21 G	CHU 2600 RM 86	Great Standability, with strong roots and stalks Tall Plant, Excellent test weight Very strong disease tolerance package		 Agrisure GT
Prime	CHU 2750 RM 90	Superior yield potential for its Maturity Grithy fixed ears, strong stalks and roots Floury starch, high test weight		 Agrisure GT/CB/LL  Agrisure3000GT & Conventional
Select	CHU 2800 RM 93	Strong emergence and plant health Delivers consistent yields, all soil rated Excellent drought tolerance		 Agrisure GT/CB/LL Artesian
44 Z	CHU 3000 RM 101	Floury Starch rated, high test weight High yielding silage hybrid, strong agronomics Tall robust plant, superior grain to stover ratio		 Agrisure GT  Agrisure3000GT & Conventional
50 X	CHU 3250 RM 108	Tall hybrid, strong dual purpose rating High test weight with good plant health All soil rated hybrid, girthy fixed cob		 Agrisure GT

Hybrid Summary

Hybrid	Heat Units/RM	Trait Platform	Refuge Option	Herbicide			Insect Tolerance					Floury Grain Rating	Plant Height	SEEDLING VIGO	STALK STRENGTH	ROOT STRENGTH	DROUGHT TOLE	DISEASE RATIN	SILAGE APPEAL	STAY GREEN	DRYDOWN	TEST WEIGHT
				Glyphosphate	Tolerance Liberty	Primextra	ECB	WBC	BlkCW	Fall ArmyW	CRW											
Focus	2200 / RM 76	GT		Y								7	T	10	9	9	8	9	8	8	7	7
Focus	2200 / RM 76	Conventional				Y						7	T	10	9	9	8	9	8	8	7	7
Tucson	2200 / RM 76	Conventional				Y						8	MT	9	9	8	7	8	8	7	8	8
Tucson	2200 / RM 76	Organic										8	MT	9	9	8	7	8	8	7	8	8
Magnum	2200 / RM 76	3110	Focus GT	Y			Y	Y	Y	Y		7	M	8	9	8	7	7	6	7	10	8
13 B	2250 / RM 76	3110	Target GT	Y			Y	Y	Y	Y		8	M	8	9	8	8	9	7	8	8	8
13 N	2250 / RM 78	Organic										7	MT	9	8	9	9	8	9	9	8	8
Hytest	2250 / RM 78	GTCBLL	Caliber GT	Y			Y					10	M	7	8	8	8	8	9	8	7	10
Target	2250 / RM 78	GT		Y								7	MT	8	8	8	8	8	8	8	9	8
Caliber	2300 / RM 79	GT		Y								7	MT	8	8	8	7	9	9	7	8	7
14 T	2300 / RM 80	GTCBLL	14 T GT	Y			Y					8	MT	7	8	8	7	7	8	7	8	7
14 T	2300 / RM 80	GT		Y		Y						8	MT	7	8	8	7	7	8	7	8	7
14 T	2300 / RM 80	Conventional				Y						8	MT	8	8	8	7	9	8	7	8	7
17 X	2350 / RM 83	GT		Y		Y						7	T	7	8	9	8	7	9	8	9	8
17 X	2350 / RM 83	Conventional				Y						7	T	7	8	9	8	7	9	7	9	8
Legacy	2400 / RM 84	GT		Y		Y						7	T	7	9	9	8	8	9	8	9	8
Legacy	2400 / RM 84	Conventional				Y						7	T	7	9	9	8	8	9	7	9	8
21 G	2600 / RM 86	GT		Y								8	VT	9	8	9	9	8	9	8	8	8
Prime	2750 / RM 90	GTCBLL	21G GT	Y		Y						10	VT	9	8	9	8	7	9	8	8	9
Prime	2750 / RM 90	3000 GT	21G GT	Y		Y					Y	10	VT	9	8	9	8	7	9	8	8	9
Prime	2750 / RM 90	Conventional				Y						10	VT	9	8	8	8	7	9	8	8	9
Select	2800 / RM 93	GTCBLL Artesian	21G GT	Y								10	VT	10	9	9	10	8	9	9	8	9
44 Z	3000 / RM 101	3000 GT	50X GT	Y		Y					Y	10	T	8	9	8	8	7	10	8	7	8
44 Z	3000 / RM 101	GT		Y		Y						10	T	8	9	8	8	7	10	8	7	8
44 Z	3000 / RM 101	Conventional				Y						10	T	8	9	8	8	7	10	8	7	8
50 X	3250 / RM 108	GT		Y								8	VT	8	9	9	8	7	10	9	8	8

Scale: 1 - 10 (1 = Poor, 10 = Excellent) Legend: S = Short M = Medium T = Tall VT = Very Tall Y = Tolerant to... Different geographic areas and individual farming practices will vary this information. *Intended as guidelines only.*

Corn Plot Trials

Mount Cheam Farms (Agassiz, BC)

G Greenfield Genetics E Elite C Competitor

HYBRID	CHU	CP	NDFD 30 Hr	TDN	Lignin	Starch	DM	Ton/Acre 70% DM	Milk Lb per ton	Milk Lb per acre	Ranked by Yield
G 44Z	3000	8.3	19.8	74.2	3.1	37.5	28.6	29.5	2,804	24,815	5
G SELECT	2800	8	20.5	71.6	3.69	31.8	35.5	38.1	3,017	34,484	1
G EXP C	2800	7.9	20.5	73.6	3.3	34.3	33	27.3	3,304	27,059	6
G PRIME	2750	8	19.8	74.2	3.1	37.5	37.3	32.7	3,240	31,784	3
G 30-48	2700	7.7	23.1	72.6	3.2	33.9	36.7	26	3,183	24,827	7
G 21G	2600	7.7	20.8	72.6	3.7	33	38	32.5	3,065	29,884	4
E VENZA	2550	7.8	24.1	72.4	3.5	29.7	32.8	32.8	3,273	32,206	2
G LEGACY	2400	8	20.5	73.8	3.3	36.8	40.1	36.2	3,064	33,275	1
G EXP A	2300	7.7	23.9	71.4	3.4	31.1	39.4	26.8	2,948	23,702	6
G 14T	2300	8	22.1	70.4	3.9	30.3	40.3	29.8	2,732	24,424	3
G EXP D	2300	8.2	21.6	73.7	3.3	35.3	38.6	29.8	3,146	28,125	3
G HYTEST	2250	9	22.2	71.7	3.5	30.7	33.2	29.2	3,233	28,321	5
C COMP74	2125	8.1	21.8	72.6	3.5	33.1	36.6	30.2	3,146	28,503	2

Planted May 11, 2016 Test / Lab Milk 2006 / Cummberland
Harvested Oct 6, 2016 Soil Sandy Loam
Plant Pop. 32,000 / acre Plot .137 acres

Fertilizer: 3 gallon / acre of RhyzoLink 3-10-13 of pop-up starter & broadcast of liquid beef manure.

Plot data is property of Fraser Seeds & is intended for the sole use of Fraser Seeds and its dealers.

Edaleen Dairy Farms (Lynden, WA)

G Greenfield Genetics DK Dekalb P Pioneer

HYBRID	CHU	CP	NDFD 30 Hr	TDN	Lignin	Starch	DM	Ton/Acre 70% DM	Milk Lb per ton	Milk Lb per acre	Ranked by Yield
G PRIME	2750	7.4	23.1	76.5	2.8	36.2	30.4	37.7	3,647	41,246	1
G 21G	2600	8	26.6	72.3	3.5	26.1	33	34.7	3,096	32,229	2
DK 36-86	2600	6.3	25.2	69.5	4.2	22.9	28.9	28.9	2,817	24,423	8
G LEGACY	2400	7	26.3	67.9	4.3	23	32.7	33.4	2,859	28,647	4
G 17X	2350	7.7	25.2	73.1	3.3	31.1	35.2	34.9	3,274	34,279	3
G CALIBER	2300	6.8	25.2	70.2	3.8	26.4	33.7	30.9	2,964	27,497	5
G 14T	2300	7.2	25.2	67.6	4.1	23.5	30.3	27.6	2,951	24,469	9
P 7958	2300	7.2	26	67.5	4.3	23.8	31.4	29.9	2,914	26,139	6
G HYTEST	2250	8.8	27.8	72.7	3	28.2	31.2	29	3,397	29,600	7

Planted May 13, 2016 Test / Lab Milk 2006 / Cummberland
Harvested Sept 28, 2016 Soil Clay Loam
Plant Pop. 33,000 / acre Plot 0.001 acres

Beef Manure & 3 gal/ac of Nachurs Rhyzolink 3-10-13

Plot data is property of Fraser Seeds & is intended for the sole use of Fraser Seeds and its dealers.

Legendary (Abbotsford, BC)

G Greenfield Genetics C Competitor P Pioneer

HYBRID	CHU	CP	NDFD 30 Hr	TDN	Lignin	Starch	DM	Ton/Acre 70% DM	Milk Lb per ton	Milk Lb per acre	Ranked by Yield
G LEGACY	2400	8	25.2	73	3.1	31.6	31.7	34.2	3,498	35,889	1
G EXP D	2300	7.3	26.9	70.9	3.2	29.4	33.6	34.1	3,280	33,554	2
P 7958	2300	8.4	27.1	69.2	3.7	25.4	30.3	30.1	3,201	28,905	5
G TARGET	2250	8.9	29	69.9	3.3	24.4	32	30.1	3,286	30,757	5
G HYTEST	2250	9.1	27.9	71	3.4	27.8	33.6	33.2	3,351	32,371	3
G FOCUS	2200	8.8	28.9	68.7	3.9	22.8	31.1	26.7	3,157	25,288	7
G COMP74	2125	8.1	28.5	70.9	3.3	26.2	32	31.4	3,362	31,670	4

Planted May 2, 2016 Test / Lab Milk 2006 / Cummberland
Harvested Sept 12, 2016 Soil Loam
Plant Pop. 32,000 / acre Plot 0.289 acres

Beef manure & 18 gal/ac 18-17-0 of starter

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Kooldale Farms (Cloverdale, BC)

G Greenfield Genetics C Competitor P Pride D Dow

HYBRID	CHU	CP	NDFD 30 Hr	TDN	Lignin	Starch	DM	Ton/Acre 70% DM	Milk Lb per ton	Milk Lb per acre	Ranked by Yield
D 8106	2500	8.4	24.7	71.4	3.6	24.7	25.2	34.5	2,982	30,864	2
G LEGACY	2400	8.6	21.6	72.5	3.6	31.5	28.1	30.9	3,274	30,350	4
G 17X	2350	8.5	26.6	70.9	3.7	25.5	27.9	35.5	3,169	33,750	1
G 14T	2300	7.9	27.4	69.6	4.1	24.2	30.9	29.9	3,115	27,942	6
G CALIBER	2300	8.8	26.4	71.5	3.4	28.1	30.5	27.7	3,377	28,063	9
G EXP D	2300	8.3	28.2	71.1	3.5	26	30.8	29.6	3,321	29,490	7
D 3093	2300	8.5	27.4	72.7	3	28.2	31.9	27.1	3,427	27,862	10
G HYTEST	2250	9.2	24.5	73	3.2	28.8	30	31.8	3,351	31,969	3
C COMP74	2125	8.3	23.8	72.2	3.5	27.6	28.4	29.6	3,157	28,034	7
G FOCUS	2200	8.5	27.8	69.6	3.9	23.6	27.3	24.5	3,160	23,226	11
P 4414	2150	8.9	27.7	68.8	4.2	21.1	31.7	22.8	3,041	20,800	12
C COMP73	2050	8.8	25.3	71.7	3.6	28.2	35.4	30	3,193	28,737	5

Planted May 2, 2016 Test / Lab Milk 2006 / Cummberland
Harvested Sept 16, 2016 Soil Peat
Plant Pop. 31,500 / acre Plot .0558 acres

Fertilizer: Beef manure & Granular Fertilizer
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Malabar Farms (Dewdney, BC)

G Greenfield Genetics D Dekalb C Competitor

HYBRID	CHU	CP	NDFD 30 Hr	TDN	Lignin	Starch	Milk Line %	DM	Ton/Acre 70% DM	Milk Lb per ton	Milk Lb per acre	Ranked by Yield
G LEGACY	2400	7.6	24.6	73.2	3.4	33.9	0.5	31.1	32.9	3,528	34,821	1
G 17X	2350	7.7	24	74.9	3.1	37.4	0.5	31.5	29.8	3,745	33,480	3
G CALIBER	2300	8.5	26.6	71.9	3.5	29.8	0.6	31.3	27.5	3,441	28,388	6
G 14T	2300	7.7	24.1	74.5	3.2	36.9	0.8	35.4	31.2	3,515	32,900	2
G EXP A	2300	8	24	73.7	3.3	35.7	0.7	32	29.4	3,595	31,708	4
G EXP D	2300	8.7	20.7	75.4	3.1	38.5	0.8	32.3	26.1	3,684	28,846	7
G FOCUS	2200	8.6	19.8	75.9	2.9	39.1	0.7	32.7	25.6	3,671	28,193	8
DK 27-54	2150	8	20	73.5	3.6	36.3	0.9	35.4	21.4	3,283	21,077	9
C COMP74	2125	7.9	20.9	73.9	3.3	36.2	0.7	33.6	28.9	3,406	29,530	5

Planted May 14, 2016 Test / Lab Milk 2006 / Cummberland
Harvested Oct 1, 2016 Soil Clam Loam
Plant Pop. 32,000 / acre Plot .025 acres

Fertilizer: Beef manure & Granular Fertilizer
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Harborace Holsteins (Agassiz, BC)

G Greenfield Genetics DK Dekalb

HYBRID	CHU	CP	NDFD 30 Hr	TDN	Lignin	Starch	Milk Line %	DM	Ton/Acre 70% DM	Milk Lb per ton	Milk Lb per acre	Ranked by Yield
G 44Z	3000	8.8	23	72.2	3.5	28.5	0.1	26.5	37	3,128	34,721	1
G EXP C	2800	10.2	21.4	75.3	3	32	0.25	28.2	23.8	3,415	24,383	5
G SELECT	2800	9.6	21.6	74.1	3.2	32	0.33	30.1	35.1	3,376	35,549	2
G PRIME	2750	8.9	20.7	76.3	2.9	38.1	0.5	32.6	32.1	3,736	36,538	3
G 21G	2600	9	21.7	75.4	3.1	35.4	0.5	34.2	31.6	3,513	33,303	4
G LEGACY	2400	8.3	20	76.4	3.1	39	0.6	37.8	36.9	3,446	38,147	1
G 17X	2350	8.4	21.6	74.4	3.3	34.3	0.66	36.1	34.6	3,352	34,794	2
DK 30-23	2350	9.8	22.7	73.5	3.2	32.8	0.66	49.3	28.3	2,897	24,596	3
G CALIBER	2300	9	22.7	74.7	3.1	34.7	0.66	31.9	26.8	3,612	29,040	4
G 14T	2300	10.4	21.3	75.1	3	35.5	0.75	33	23.5	2,358	23,344	6
G HYTEST	2250	9.1	23.6	71.9	3.7	28.4	0.85	33.8	26.2	3,193	25,097	5

Planted May 20, 2016 Test / Lab Milk 2006 / Cummberland
Harvested Oct 4, 2016 Soil Clay Loam
Pop. 32,000 / acre Plot .036 acres

Fertilizer: 25 gallon 21-15-0 & 1L Hibrix & Poultry Manure
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Traits & Technology



Hybrids with the Agrisure® GT trait provide excellent tolerance to in-crop applications of glyphosate-based herbicides.



The Agrisure® GT/CB/LL trait stack provides season-long control or suppression of insects as well as herbicide flexibility with both glyphosate and flufosinate based herbicides.



Hybrids with the Agrisure® 3000GT trait stack offer control of corn borer and corn rootworm with tolerance to both glyphosate and glufosinate herbicides.



An on-seed application of a combination of Cruiser® 5FS insecticide (0.25mg a.i./seed of thiamethoxam) and Maxim® Quattro seed-applied fungicide, CruiserMaxx® Corn 250 insecticide/fungicide seed treatment protects corn seed and seedlings against early-season insects, and seed borne and soil borne diseases leading to increased plant stand, uniformity, vigour and yield potential.



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, you get the added control of seed and soil-borne pathogens, such as Fusarium, Pythium, Rhizoctonia, and Aspergillus and Penicillium fungi.



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

Deferred Incentives

It's easy, it's flexible. FCC financing is available to defer payment until March, 2018.



MADE IN CANADA



a division of Fraser Seeds Ltd.



29475 Fraser Hwy. Abbotsford BC V4X 1H2

Ph: 604.857.3355 Fax: 604.857.3311

E-mail: info@greenfieldgenetics.com www.greenfieldgenetics.com

DEALER INFORMATION

Fraser Seeds

Cole 604-308-9943

Ken 604-866-7371