

Early-Season Test

80 - 85 Day CRM

B2019RRCEa

Top 30 of 32

For Gross Income (Sorted by Yield), (4) Replication Average

Company/Brand	Product/Brand	Technol. †	RM	Yield Bu/A	Moisture %	Lodging %	Gross Income \$/Acre	Rank	East Grand Forks No Results	Georgetown	Grand Forks No Results	Hope No Results	Mahnomen No Results			
GOLDEN HARVEST	G84J92-3120A-EZR	3120,A,B	84	196.8	25.8	5	585	2		196.8						
STINE	9140-G	GT	82	188.7	23.4	1	572	3		188.7						
HEFTY	H3122VT2PRIB	VT2P,B	81	187.1	23.0	1	569	4		187.1						
NK BRAND	NK8455-3220A-EZR	3220,A,B	84	185.1	23.5	3	560	6	<i>Abandoned due snows and impassible fields.</i>	185.1	<i>Abandoned due snows and impassible fields.</i>	<i>Abandoned due snows and impassible fields.</i>	<i>Abandoned due snows and impassible fields.</i>			
HEFTY	H3322VT2PRIB	VT2P,B	83	184.5	22.5	0	563	5		184.5						
LATHAM	LH3325VT2PRIB	VT2P,B	83	183.5	22.5	0	560	7		183.5						
NK BRAND	NK8204-3220-EZR	3220,B	82	181.5	22.2	1	555	8		181.5						
THUNDER	6782 VT2P	VT2P,B	82	180.1	22.2	1	551	9		180.1						
DAIRYLAND	DS-9085	3122	84	179.1	22.9	5	545	10		179.1						
GOLDEN HARVEST	G85Z56-3220-EZR	3220,B	85	178.4	22.6	1	544	11		178.4						
PROSEED	1984VT2PRIB	VT2P,B	84	177.9	22.8	0	542	12		177.9						
THUNDER	6983 VT2P	VT2P,B	83	177.4	22.9	0	540	13		177.4						
DAIRYLAND	EXP-08508	AMXT,B	85	173.5	23.4	1	526	14		173.5						
INTEGRA	CX811083	VT2P	83	173.5	23.8	0	524	16		173.5						
THUNDER	6085 VT2P	VT2P,B	85	173.2	23.4	1	525	15		173.2						
INTEGRA	3537	VT2P,B	85	172.9	24.2	1	520	18		172.9						
LATHAM	LH3427GTCBLL	3010	84	172.1	23.4	2	522	17		172.1						
DYNA-GRO	D22QH42	3110	82	170.3	23.4	5	516	19		170.3						
INTEGRA	3282	VT2P,B	82	167.8	22.4	3	513	20		167.8						
GOLDEN HARVEST	G80Q01-3110A	3110,A	80	167.2	23.0	7	508	22		167.2						
HEFTY	H3532VT2P	VT2P	85	166.9	23.1	0	507	23		166.9						
LATHAM	LH3151RR	RR2	81	166.6	22.2	3	510	21		166.6						
NK BRAND	NK8005-3110A	3110,A	80	165.8	23.2	5	503	24		165.8						
HEFTY	H3432VT2PRIB	VT2P,B	84	165.1	23.8	0	499	25		165.1						
RENK	RK264RR	RR2	85	164.0	24.1	0	494	26		164.0						
THUNDER	6081 3220	3220,B	81	160.9	23.6	10	487	27		160.9						
BIOGENE	BG510VP GC	3110,A,B	81	158.9	23.3	6	482	28		158.9						
LATHAM	LH3547VT2PRIB	VT2P,B	85	158.4	24.0	0	477	29		158.4						
LATHAM	LH3035VT2PRIB	VT2P,B	80	153.1	22.6	1	467	30		153.1						
ENESTVEDT	E843RR	RR2	85	151.9	23.8	1	459	31		151.9						
DEKALB	DKC35-88RIB CK	VT2P,B	85	197.1	23.0	1	599	1		197.1						
Averages =				172.5	23.2	2	524			172.5						
LSD (0.10) =				10.5	0.7	3				10.5						
Luke Brendemuhl LSD (0.25) =				5.5	0.4	2			5.5							

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Yield & Income Factors:

Base Moisture = 15.0%

Shrink = 1.3

Drying = \$0.03

Prices: GMO = \$3.24

† See last page for abbreviation descriptions. Dark colored row identifies the check product found in early- and full-season tests. **Bold** yields are significantly above test average by LSD(0.10). **Italicized** brands exceed the grain moisture limit for this test. **ns** = column values not significantly different. *There were 3 reps for the site.

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Full-Season Test

86 - 90 Day CRM

B2019RRCEb

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For Gross Income (Sorted by Yield), (4) Replication Average

Company/Brand	Product/Brand	Technol. †	RM	Yield Bu/A	Moisture %	Lodging %	Gross Income \$/Acre	Rank	East Grand Forks No Results	Georgetown	Grand Forks No Results	Hope No Results	Mahnomen No Results
STINE	9212-10	3010,A	89	200.7	26.3	0	594	1		200.7			
NK BRAND	NK8881-3120A-EZR	3120,A,B	88	197.5	26.6	3	583	2		197.5			
NK BRAND	NK8618-3120A-EZR	3120,A,B	86	194.9	26.3	1	576	3		194.9			
MUSTANG	2291VT2PRIB GC	VT2P,B	91	193.7	26.8	0	570	6	<i>Abandoned due snows and impassible fields.</i>	193.7			
GOLDEN HARVEST	G90Y04-3220A-EZR	3220,A,B	92	193.0	28.4	6	561	11		193.0			
DAIRYLAND	DS-6686	GT	87	192.1	25.6	2	571	5		192.1			
THUNDER	6987 VT2P	VT2P,B	87	191.6	24.6	0	575	4		191.6			
GOLDEN HARVEST	G88F37-3120A-EZR	3120,A,B	88	190.8	26.0	1	566	7		190.8			
LATHAM	LH3937VT2PRIB	VT2P,B	89	190.8	26.7	0	562	9		190.8			
GOLDEN HARVEST	G89A09-3120-EZR	3120,B	89	190.7	26.7	0	562	10		190.7			
PROSEED	1790VT2PRIB	VT2P,B	90	190.3	26.2	1	563	8		190.3			
TITAN PRO	82-90 2P	VT2P,B	90	189.4	26.2	0	560	12		189.4			
HEFTY	H3922VT2PRIB	VT2P,B	89	188.3	26.8	0	555	15		188.3			
PROSEED	1787VT2PRIB	VT2P,B	87	186.5	24.4	0	560	13		186.5			
INTEGRA	CX911090	VT2P	90	186.4	25.5	1	555	16		186.4			
LATHAM	EX 3945 VT2P	VT2P	89	186.1	27.0	0	547	19		186.1			
INTEGRA	3629	VT2P,B	86	185.6	24.4	0	558	14		185.6			
THUNDER	6090 3120	3120,B	90	184.7	27.1	1	542	24		184.7			
REA	3B902	VT2P,B	90	184.2	25.9	0	547	20		184.2			
HEFTY	H3632VT2P	VT2P	86	184.1	25.6	1	548	18		184.1			
RENK	RK408VT2P	VT2P,B	90	184.0	26.1	0	545	22		184.0			
RENK	RK312VT2P	VT2P	90	183.9	26.1	0	545	23		183.9			
RENK	RK278VT2P	VT2P,B	87	183.5	24.6	0	551	17		183.5			
HEFTY	H4012VT2PRIB	VT2P,B	90	183.5	26.7	1	541	26	183.5				
LATHAM	LH3755VT2PRIB	VT2P,B	87	183.2	25.4	1	546	21	183.2				
THUNDER	6888 VT2P	VT2P,B	88	183.0	26.6	1	540	27	183.0				
HEFTY	H4032VT2P	VT2P	90	181.8	25.7	1	540	28	181.8				
REA	3A891	STX,B	89	181.7	26.6	0	536	29	181.7				
MUSTANG	3287VT2PRIB GC	VT2P,B	87	180.6	24.6	0	542	25	180.6				
REA	2B862	VT2P,B	86	180.2	25.7	0	536	30	180.2				
DEKALB	DKC35-88RIB CK	VT2P,B	85	175.5	25.3	0	523	38	175.5				
				Averages =	183.5	25.9	1	545		183.5			
				LSD (0.10) =	10.4	0.9	1			10.4			
				LSD (0.25) =	5.4	0.5	1			5.4			

Yield & Income Factors:

Base Moisture = 15.0%

Shrink = 1.3

Drying = \$0.03

Prices: GMO = \$3.24

† See last page for abbreviation descriptions. Dark colored row identifies the check product found in early- and full-season tests. **Bold** yields are significantly above test average by LSD(0.10). **Italicized** brands exceed the grain moisture limit for this test. **ns** = column values not significantly different. *There were 3 reps for the site.

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2019 Corn Grain - Red River Central North Dakota & Minnesota [RRCE]

Early-Season Test Products (32 Total)

Company/Brand	Product/Brand	Technology	RM
BIOGENE	BG510VP GC	3110,A,B	81
DAIRYLAND	DS-9085	3122	84
DAIRYLAND	EXP-08508	AMXT,B	85
DEKALB	DKC35-88RIB CK	VT2P,B	85
DYNA-GRO	D22QH42	3110	82
ENESTVEDT	E843RR	RR2	85
GOLDEN HARVEST	G80Q01-3110A	3110,A	80
GOLDEN HARVEST	G84J92-3120A-EZR	3120,A,B	84
GOLDEN HARVEST	G85Z56-3220-EZR	3220,B	85
HEFTY	H3122VT2PRIB	VT2P,B	81
HEFTY	H3322VT2PRIB	VT2P,B	83
HEFTY	H3432VT2PRIB	VT2P,B	84
HEFTY	H3532VT2P	VT2P	85
INTEGRA	3009	VT2P	80
INTEGRA	3282	VT2P,B	82
INTEGRA	3537	VT2P,B	85
INTEGRA	CX811083	VT2P	83
LATHAM	LH3035VT2PRIB	VT2P,B	80
LATHAM	LH3151RR	RR2	81
LATHAM	LH3325VT2PRIB	VT2P,B	83
LATHAM	LH3427GTCBLL	3010	84
LATHAM	LH3547VT2PRIB	VT2P,B	85
NK BRAND	NK8005-3110A	3110,A	80
NK BRAND	NK8204-3220-EZR	3220,B	82
NK BRAND	NK8455-3220A-EZR	3220,A,B	84
PROSEED	1984VT2PRIB	VT2P,B	84
RENK	RK264RR	RR2	85
STINE	9140-G	GT	82
THUNDER	6081 3220	3220,B	81
THUNDER	6085 VT2P	VT2P,B	85
THUNDER	6782 VT2P	VT2P,B	82
THUNDER	6983 VT2P	VT2P,B	83

2019 Corn Grain - Red River Central North Dakota & Minnesota [RRCE]

Full-Season Test Products (44 Total)

Company/Brand	Product/Brand	Technology	RM
DAIRYLAND	DS-2989Z	3120	89
DAIRYLAND	DS-6686	GT	87
DEKALB	DKC35-88RIB CK	VT2P,B	85
DYNA-GRO	D27VC87	VT2P	87
ENESTVEDT	E878DP RIB	VT2P,B	87
GOLDEN HARVEST	G88F37-3120A-EZR	3120,A,B	88
GOLDEN HARVEST	G89A09-3120-EZR	3120,B	89
GOLDEN HARVEST	G90Y04-3220A-EZR	3220,A,B	92
HEFTY	H3632VT2P	VT2P	86
HEFTY	H3712VT2PRIB	VT2P,B	87
HEFTY	H3922VT2PRIB	VT2P,B	89
HEFTY	H4012VT2PRIB	VT2P,B	90
HEFTY	H4032VT2P	VT2P	90
INTEGRA	3629	VT2P,B	86
INTEGRA	3718	VT2P,B	87
INTEGRA	3839	VT2P,B	88
INTEGRA	CX911090	VT2P	90
LATHAM	EX 3945 VT2P	VT2P	89
LATHAM	LH3695VT2PRIB	VT2P,B	86
LATHAM	LH3755VT2PRIB	VT2P,B	87
LATHAM	LH3827VT2PRIB	VT2P,B	88
LATHAM	LH3937VT2PRIB	VT2P,B	89
MUSTANG	2290VT2PRIB GC	VT2P,B	90
MUSTANG	2291VT2PRIB GC	VT2P,B	91
MUSTANG	3287VT2PRIB GC	VT2P,B	87
NK BRAND	NK8618-3120A-EZR	3120,A,B	86
NK BRAND	NK8881-3120A-EZR	3120,A,B	88
PROSEED	1787VT2PRIB	VT2P,B	87
PROSEED	1790VT2PRIB	VT2P,B	90
REA	2A872	VT2P,B	87
REA	2B862	VT2P,B	86
REA	3A891	STX,B	89
REA	3B902	VT2P,B	90
RENK	RK278VT2P	VT2P,B	87
RENK	RK287VT2P	VT2P,B	87
RENK	RK312VT2P	VT2P	90

Company/Brand	Brand/Product	Technology	RM
RENK	RK408VT2P	VT2P,B	90
STINE	9212-10	3010,A	89
THUNDER	6090 3120	3120,B	90
THUNDER	6789 VT2P	VT2P,B	89
THUNDER	6888 VT2P	VT2P,B	88
THUNDER	6986 VT2P	VT2P,B	86
THUNDER	6987 VT2P	VT2P,B	87
TITAN PRO	82-90 2P	VT2P,B	90

Footnotes and Abbreviations Descriptions

Brand Footnotes

[^] Innotech™ brand seed is distributed by Rob-See-Co, LLC. Power Plus® brand seed is distributed by Burrus. Innotech™ is a trademark of Syngenta. Power Plus® is a registered trademark of Corteva Agriscience.

CK Identifies a check product included in early- and full-season tests.

GC Grower Comparison product included by FIRST when space permits.

Corn Grain Technologies*

3010	Agrisure® 3010 (CB,LL,GT)	GT	Agrisure® GT
3011,A	Agrisure® Artesian® (CB,RW,LL,GT)	HX	Herculex® 1, contains LL
3110	Agrisure® Viptera® 3110 (Vip, CB,LL,GT)	HXRW	Herculex® Rootworm, contains LL
3111	Agrisure® Viptera® 3111 (Vip,CB,RW,LL,GT)	HXT	Herculex® Xtra (HX,HXRW,LL)
3120	Agrisure® 3120 (CB,HX,LL,GT)	LL	LibertyLink®
3122	Agrisure® 3122 (CB,HXX,RW,LL,GT)	None	conventional corn
3220	Agrisure® Viptera® 3220 (Vip,CB,HX,LL,GT)	OI	Optimum® Intrasect®, YHR (YGCB,HX,LL,RR2)
3330	Agrisure® Viptera® 3330 (Vip,CB,HX,LL,GT)	OIX	Optimum® Intrasect® Xtra, YXR (YGCB,HXT,LL,RR2)
A	Agrisure® Artesian®	OIXT	Optimum® Intrasect® Xtreme (YGCB,HXT,RW,LL,RR2)
AM	Optimum® AcreMax® (YGCB,HX,LL,RR2)	PC	PowerCore™ (HX, VT2P)
AMT	Optimum® AcreMax® TRIssect (HX,RW,LL,RR2)	RR2	Roundup Ready® 2 Corn
AMX	Optimum® AcreMax® Xtra (YGCB,HXT,LL,RR2)	RW	Agrisure® Rootworm
AMXT	Optimum® AcreMax® Xtreme (YGCB,HXT,RW,LL,RR2)	STX	SmartStax® (VT3P,HXT,RR2,LL)
AQ	Optimum® AQUAMax®	TRE	Genuity® Trecepta™
B	Refuge blend product	VT2P	Genuity® VT Double PRO®
CB	Agrisure® Corn Borer	VT3P	Genuity® VT Triple PRO®
DG	Genuity® DroughtGard®	YGCB	YieldGard® Corn Borer
E	Enlist™ (2,4-D, glyphosate, fop herbicide tolerance)		

* The refuge component genetics may vary in a refuge blend seed product.