

Early-Season Test

82 - 87 Day CRM

B2020RRCEa

Top 30 of 51

For Gross Income (Sorted by Yield), (15) Replication Average

Company/Brand	Product/Brand	Technol. †	RM	Yield Bu/A ↓	Moisture %	Lodging %	Gross Income \$/Acre	Rank	Blanchard *	East Grand Forks	Georgetown	Grand Forks	Moorhead No Results
ROB-SEE-CO	RC3601	3011A	86	156.7	17.7	1	499	1	161.2	143.5	175.0	147.2	
HEFTY	H3322VT2PRIB	VT2P,B	83	153.6	16.3	0	492	2	151.6	155.5	152.4	154.8	
RENK	RK256GTCBLLRW	3111	84	151.4	17.4	3	484	3	168.9	136.6	170.1	130.2	
LATHAM	LH 3695 VT2P RIB	VT2P,B	86	150.8	16.4	0	483	4	153.1	148.7	161.9	139.7	
HEFTY	H3442VT2P	VT2P	84	150.8	16.2	0	483	5	129.5	158.9	157.8	157.1	
NK BRAND	NK8005-3220A-EZR	3220A,B	80	150.8	18.0	0	479	7	153.4	158.3	149.0	142.6	
HEFTY	H3712VT2PRIB	VT2P,B	87	149.7	16.1	0	481	6	145.7	150.1	161.9	141.3	
GOLDEN HARVEST	G84J92-3120A-EZR	3120A,B	86	149.5	19.3	1	471	12	138.6	146.2	173.2	140.0	
DEKALB	DKC35-88RIB GC	VT2P,B	85	149.2	17.0	0	476	8	153.4	153.2	153.4	136.9	
NK BRAND	NK8519-3220-EZR	3220,B	85	148.9	16.8	0	476	9	148.9	152.5	156.2	137.9	
INTEGRA	3431 VT2P	VT2P	84	147.5	16.6	0	472	10	138.2	154.1	150.7	147.0	
INTEGRA	3629 VT2PRIB	VT2P,B	86	146.5	15.8	0	471	11	148.2	145.3	152.1	140.5	
ROB-SEE-CO	RC3240	GT	82	146.4	16.3	0	470	13	120.1	159.3	156.9	149.2	
THUNDER	T6983 VT2P	VT2P,B	83	146.2	16.1	0	469	14	125.6	149.6	159.8	149.8	
NK BRAND	NK8618-3120A-EZR	3120A,B	86	145.1	19.3	2	457	23	147.8	130.8	168.2	133.7	
THUNDER	T6987 VT2P	VT2P,B	87	145.0	15.5	0	467	15	145.7	152.9	147.3	133.9	
BIOGENE	BG510AT	3220A,B	81	144.6	17.2	0	462	18	144.8	138.9	152.0	142.9	
BIOGENE	BG512V2	VT2P,B	81	144.4	15.4	1	465	16	134.0	158.5	145.8	139.2	
RENK	RK278VT2P	VT2P,B	87	144.4	15.8	0	465	17	132.4	151.8	151.1	142.4	
PROSEED	1984 VT2PRIB	VT2P,B	84	144.0	16.6	0	461	20	123.7	150.3	157.5	144.7	
DYNA-GRO	D27VC87	VT2P	87	143.9	16.3	0	461	19	141.6	150.2	148.7	135.2	
STINE	9140-G	GT	82	143.5	16.6	0	460	21	150.3	135.5	151.8	136.2	
LATHAM	LH 3325 VT2P RIB	VT2P,B	83	143.2	16.5	0	458	22	137.3	144.0	146.9	144.7	
ENESTVEDT	E850DP RIB	VT2P,B	85	142.4	17.5	0	454	26	146.6	134.9	156.1	132.0	
STINE	9202-G	3011A	86	142.3	17.4	1	454	27	123.3	140.5	161.0	144.5	
REA	2B861	VT2P,B	86	142.1	16.5	0	456	24	129.3	149.4	153.5	136.2	
INTEGRA	3718 VT2PRIB	VT2P,B	87	142.0	17.7	0	451	29	143.1	149.6	144.8	130.4	
GOLDEN HARVEST	G85Z56-3220-EZR	3220,B	85	141.5	16.3	0	455	25	155.4	144.6	158.8	107.1	
LATHAM	LH 3035 VT2P RIB	VT2P,B	80	140.9	15.3	0	454	28	131.2	140.4	145.4	146.6	
THUNDER	T6185 VT2P	VT2P,B	85	140.0	16.4	0	448	30	135.7	150.5	139.4	134.4	
DEKALB	DKC37-50RIB CK	VT2P,B	87	138.1	16.0	0	443	33	126.5	146.7	141.6	137.5	

Lost to poor emergence

Averages =	140.4	16.2	0	450	135.9	142.5	148.3	135.1
LSD (0.10) =	8.5	0.7	1		15.3	7.9	8.3	7.3
LSD (0.25) =	4.5	0.3	1		8.0	4.2	4.4	3.8

Luke Brendemuhl

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Prev. years average yield for region: 167.5 bu/a, 3 yr(s)

Yield & Income Factors:

Base Moisture = 15.0%

Shrink = 1.3

Drying = \$0.03

Prices: GMO = \$3.25

† 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.

2020 Corn Grain Top 30 Performance Summary for Red River Central North Dakota & Minnesota [RRCE]

Full-Season Test

88 - 92 Day CRM

B2020RRCEb

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For Gross Income (Sorted by Yield), (16) Replication Average

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Gross Income \$/Acre	Rank	Blanchard	East Grand Forks	Georgetown	Grand Forks	Moorhead
GOLDEN HARVEST	G91V51-3110A	3110A	91	150.5	20.8	0	469	1	158.9	128.4	189.2	125.6	No Results
ROB-SEE-CO	INNOTECH IC4166	3110A	91	148.5	20.7	0	463	3	161.0	119.8	178.3	135.0	
REA	3B912	VT2P,B	91	147.7	18.6	0	467	2	155.9	131.9	165.8	137.4	
NK BRAND	NK8920-3120-EZR	3120,B	89	147.0	20.0	0	460	4	153.3	111.5	166.4	156.7	
GOLDEN HARVEST	G89A09-3120-EZR	3120,B	89	145.8	19.0	1	460	5	164.7	116.0	171.7	130.7	
LATHAM	LH 3937 VT2P RIB	VT2P,B	89	144.4	19.4	0	454	6	152.0	112.9	166.3	146.5	
LATHAM	LH 4242 VT2P RIB	VT2P,B	92	144.3	21.5	0	447	11	161.0	106.4	170.3	139.6	
RENK	RK433VT2PRIB	VT2P,B	92	144.1	20.9	0	448	9	141.6	143.7	155.9	135.2	
NK BRAND	NK9175-3110A	3110A	91	143.9	21.0	0	448	10	151.7	124.7	174.2	125.0	
LATHAM	LH 3827 VT2P RIB	VT2P,B	88	142.7	19.5	0	448	8	156.4	125.3	156.4	133.0	
DAIRYLAND	DS-3030AM	AM,B	90	142.0	18.4	0	450	7	155.7	119.4	156.3	136.7	
ROB-SEE-CO	RC4016	3120,B	90	139.2	19.5	1	438	12	149.4	122.8	163.0	121.9	
THUNDER	T6992 VT2P	VT2P,B	92	138.8	19.2	0	437	14	154.1	117.0	153.6	130.6	
NK BRAND	NK8920-5122-EZR	5122,B	89	138.6	19.1	2	437	15	159.1	110.6	162.7	121.9	
REA	3B923	VT2P,B	92	138.4	19.4	0	436	16	152.2	112.0	161.4	128.1	
PROSEED	1790 VT2PRIB	VT2P,B	90	137.9	18.2	0	438	13	160.2	118.3	170.1	102.9	
GOLDEN HARVEST	G90Y04-5222A-EZR	5222A,B	92	137.2	20.7	0	428	24	150.9	115.9	166.4	115.8	
PROSEED	2091 VT2PRIB	VT2P,B	91	136.9	18.2	0	435	18	132.7	122.7	155.6	136.4	
DAIRYLAND	DS-3162Q	QR,B	91	136.0	19.0	0	429	21	147.4	103.4	158.0	135.1	
NK BRAND	NK9227-5222A-EZR	5222A,B	92	135.9	22.0	1	419	28	151.7	108.3	158.6	125.0	
REA	3B903	VT2P,B	90	135.5	16.6	2	434	19	146.8	125.6	157.1	112.6	
DAIRYLAND	DS-3193AM	AM,B	91	135.2	18.5	1	429	23	156.3	89.5	171.9	123.1	
RENK	RK315VT2P	VT2P	90	135.0	17.7	0	430	20	140.6	131.0	151.1	117.4	
RENK	RK312VT2PRIB	VT2P,B	90	135.0	18.2	0	429	22	147.1	111.6	162.8	118.4	
INTEGRA	4119 VT2PRIB	VT2P,B	91	133.7	18.8	0	422	25	157.6	102.3	152.4	122.6	
HEFTY	H3622VT2PRIB	VT2P,B	86	133.2	18.3	0	422	26	136.1	131.6	147.1	118.2	
HEFTY	H4144SS	STX	91	132.1	18.4	1	419	29	131.9	116.6	150.6	129.2	
THUNDER	T6190 VT2P	VT2P,B	90	131.7	17.4	0	421	27	145.4	120.5	141.6	119.4	
HEFTY	H4132VT2PRIB	VT2P,B	91	131.4	18.3	0	417	30	133.3	125.9	149.6	116.9	
INTEGRA	4041 VT2P	VT2P	90	131.1	18.1	0	417	31	140.1	118.8	148.8	116.8	
DEKALB	DKC37-50RIB CK	VT2P,B	87	135.8	16.5	0	436	17	141.2	112.7	143.5	145.9	

Lost to poor emergence

Averages =	137.0	18.9	0	432		148.4	116.9	157.7	125.2
LSD (0.10) =	8.9	0.8	ns			12.7	9.5	8.6	10.3
LSD (0.25) =	4.7	0.4	ns			6.6	5.0	4.5	5.4

Luke Brendemuhl

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Prev. years average yield for region: 167.5 bu/a, 3 yr(s)

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.03 Prices: GMO = \$3.25

† 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.

2020 Corn Grain - Red River Central North Dakota & Minnesota [RRCE]

Early-Season Test Products (51 Total)

Company/Brand	Product/Brand	Technology	RM	Seed Treat.
BIOGENE	BG510AT	3220A,B	81	CM,C2
BIOGENE	BG512V2	VT2P,B	81	AC,P5V,EDC-B
BIOGENE	BG520V2	VT2P,B	82	AC,P2
DAIRYLAND	DS-2350RR	RR2	83	Lum,P1V
DAIRYLAND	DS-2505Q	QR	85	Lum,P1V
DAIRYLAND	DS-2716Q	QR,B	87	Lum,P1V
DEKALB	DKC35-88RIB GC	VT2P,B	85	NA
DEKALB	DKC37-50RIB CK	VT2P,B	87	NA
DYNA-GRO	D26VC72	VT2P	86	AC,P5V,EDC-B
DYNA-GRO	D27VC87	VT2P	87	AC,P5V,EDC-B
ENESTVEDT	E850DP RIB	VT2P,B	85	AC,P2
GOLDEN HARVEST	G84J92-3120A-EZR	3120A,B	86	AVC,C2,Vi
GOLDEN HARVEST	G85Z56-3220-EZR	3220,B	85	AVC,C2,Vi
HEFTY	H3122VT2PRIB	VT2P,B	81	HC
HEFTY	H3322VT2PRIB	VT2P,B	83	HC
HEFTY	H3442VT2P	VT2P	84	HC
HEFTY	H3632VT2P	VT2P	86	HC
HEFTY	H3712VT2PRIB	VT2P,B	87	HC
INTEGRA	3282 VT2PRIB	VT2P,B	82	AC,P2V,St,SU
INTEGRA	3431 VT2P	VT2P	84	AC,P5V,St,SU
INTEGRA	3537 VT2PRIB	VT2P,B	85	AC,P2V,St,SU
INTEGRA	3629 VT2PRIB	VT2P,B	86	AC,P5V,St,SU
INTEGRA	3718 VT2PRIB	VT2P,B	87	AC,P2V,St,SU
LATHAM	LH 2977 VT2P RIB	VT2P,B	79	AC250
LATHAM	LH 3035 VT2P RIB	VT2P,B	80	AC250
LATHAM	LH 3117 VT2P RIB	VT2P,B	81	AC250
LATHAM	LH 3325 VT2P RIB	VT2P,B	83	AC250
LATHAM	LH 3695 VT2P RIB	VT2P,B	86	AC250
NK BRAND	NK8005-3220A-EZR	3220A,B	80	AVC,C2,Vi
NK BRAND	NK8519-3220-EZR	3220,B	85	AVC,C2,Vi
NK BRAND	NK8519-5222-EZR	5222,B	85	AVC,C2,Vi
NK BRAND	NK8618-3120A-EZR	3120A,B	86	AVC,C2,Vi
PROSEED	1787 VT2PRIB	VT2P,B	87	NA
PROSEED	1882 VT2PRIB	VT2P,B	82	NA
PROSEED	1984 VT2PRIB	VT2P,B	84	NA
REA	1B821	VT2P,B	82	AC,P5,B360

Company/Brand	Brand/Product	Technology	RM	Seed Treat.
REA	2B851	VT2P,B	85	AC,P5,B360
REA	2B861	VT2P,B	86	AC,P2,B360
RENK	RK227VT2P	VT2P	82	AC,P2
RENK	RK256GTCBLLRW	3111	84	CM,C2
RENK	RK278VT2P	VT2P,B	87	AC,P2
ROB-SEE-CO	RC3041	3110A	80	AVC,C2
ROB-SEE-CO	RC3240	GT	82	CM,C2
ROB-SEE-CO	RC3601	3011A	86	CM,C2
STINE	9140-G	GT	82	AC
STINE	9202-G	3011A	86	AC
THUNDER	T6085 VT2P	VT2P,B	85	AC,P2
THUNDER	T6185 VT2P	VT2P,B	85	AC,P2
THUNDER	T6782 VT2P	VT2P,B	82	AC,P2
THUNDER	T6983 VT2P	VT2P,B	83	AC,P2
THUNDER	T6987 VT2P	VT2P,B	87	AC,P2

2020 Corn Grain - Red River Central North Dakota & Minnesota [RRCE]

Full-Season Test Products (36 Total)

Company/Brand	Product/Brand	Technology	RM	Seed Treat.
DAIRYLAND	DS-3030AM	AM,B	90	Lum,P1V
DAIRYLAND	DS-3162Q	QR,B	91	Lum,P1V
DAIRYLAND	DS-3193AM	AM,B	91	Lum,P1V
DEKALB	DKC37-50RIB CK	VT2P,B	87	NA
GOLDEN HARVEST	G89A09-3120-EZR	3120,B	89	AVC,C2,Vi
GOLDEN HARVEST	G90Y04-5222A-EZR	5222A,B	92	AVC,C2,Vi
GOLDEN HARVEST	G91V51-3110A	3110A	91	AVC,C2,Vi
HEFTY	H3622VT2PRIB	VT2P,B	86	HC
HEFTY	H3902VT2PRIB	VT2P,B	89	HC
HEFTY	H4032VT2PRIB	VT2P,B	90	HC
HEFTY	H4132VT2PRIB	VT2P,B	91	HC
HEFTY	H4144SS	STX	91	HC
INTEGRA	3839 VT2PRIB	VT2P,B	88	AC,P2V,St,SU
INTEGRA	4041 VT2P	VT2P	90	AC,P5V,St,SU
INTEGRA	4119 VT2PRIB	VT2P,B	91	AC,P2V,St,SU
LATHAM	LH 3827 VT2P RIB	VT2P,B	88	AC250
LATHAM	LH 3937 VT2P RIB	VT2P,B	89	AC250
LATHAM	LH 4242 VT2P RIB	VT2P,B	92	AC250
NK BRAND	NK8920-3120-EZR	3120,B	89	AVC,C2,Vi
NK BRAND	NK8920-5122-EZR	5122,B	89	AVC,C2,Vi
NK BRAND	NK9175-3110A	3110A	91	AVC,C2,Vi
NK BRAND	NK9227-5222A-EZR	5222A,B	92	AVC,C2,Vi
PROSEED	1790 VT2PRIB	VT2P,B	90	NA
PROSEED	2091 VT2PRIB	VT2P,B	91	NA
REA	3B903	VT2P,B	90	AC,P5,B360
REA	3B912	VT2P,B	91	AC,P5,B360
REA	3B923	VT2P,B	92	AC,P2,B360
RENK	RK312VT2PRIB	VT2P,B	90	AC,P2
RENK	RK315VT2P	VT2P	90	AC,P2
RENK	RK433VT2PRIB	VT2P,B	92	AC,P2
ROB-SEE-CO	INNOTECH IC4166	3110A	91	AVC,C2
ROB-SEE-CO	RC4016	3120,B	90	CM,C2
THUNDER	T6190 VT2P	VT2P,B	90	AC,P2
THUNDER	T6791 VT2P	VT2P,B	91	AC,P2
THUNDER	T6888 VT2P	VT2P,B	88	AC,P2
THUNDER	T6992 VT2P	VT2P,B	92	AC,P2

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*

3011A	Agrisure® Artesian® 3011A (CB,RW,LL,GT)
3110A	Agrisure® Artesian® Viptera® 3110 (Vip, CB,LL,GT)
3111	Agrisure® Viptera® 3111
3120	Agrisure® 3120 (CB,HX,LL,GT)
3120A	Agrisure® Artesian® 3120 (CB,HX,LL,GT)
3220	Agrisure® Viptera® 3220 (Vip,CB,HX,LL,GT)
3220A	Agrisure® Artesian® Viptera® 3220 (Vip,CB,HX,LL,GT)
5122	Agrisure® Duracade™ 5122
5222	Agrisure® Duracade™ 5222
5222A	Agrisure® Duracade™ Artesian® 5222
AM	Optimum® AcreMax®
B	Blend, Refuge in a Bag (RIB) or EZ-Refuge
GT	Agrisure® GT
QR	Qrome™
RR2	Roundup Ready® 2 Corn
STX	SmartStax®
VT2P	Genuity® VT Double PRO®

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

Corn Grain Seed Treatments**

NA	Not Available
AC	Acceleron®, unspecified
AC250	Acceleron 250
AC,P2	Acceleron, Poncho 250
AC,P2,B360	Acceleron Poncho 250 with BioRise™ B-360 ST
AC,P2V,St,SU	Acceleron Poncho 250 Votivo, Stamina, StepUp
AC,P5,B360	Acceleron Poncho 500 with BioRise™ B-360 ST
AC,P5V,EDC-B	Acceleron, Basic Poncho 500/Votivo with Enhanced Disease Control
AC,P5V,St,SU	Acceleron Poncho 500/Votivo, Stamina, StepUp
AVC,C2	Avicta Complete 250
AVC,C2,Vi	Avicta Complete 250, Vibrance
CM,C2	CruiserMaxx 250
HC	Hefty Complete
Lum,P1V	Lumigen Poncho 1250/Votivo

** Seed treatments may include unspecified plant health promoting components.