

Early-Season Test

85 - 90 Day CRM

B2020RRSOa

Top 30 of 44

For Gross Income (Sorted by Yield), (13) Replication Average

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Gross Income \$/Acre	Rank	Breckenridge REJECTED	Fairmount	Felton	Wendell *	Wheaton REJECTED
HEFTY	H3442VT2P	VT2P	84	185.0	14.3	0	601	1	145.6	200.0	159.2	195.8	129.7
LATHAM	LH 3827 VT2P RIB	VT2P,B	88	182.2	15.3	0	590	2	133.6	200.8	169.1	176.6	128.8
TITAN PRO	82-90 2P	VT2P,B	90	179.3	16.0	0	577	4	148.6	188.3	176.7	172.9	119.2
REA	3B903	VT2P,B	90	178.3	14.6	0	579	3	145.3	182.1	180.2	172.5	155.8
PIONEER	P8989AM GC	AM,B	89	178.2	15.7	0	575	5	149.0	189.2	175.9	169.4	133.1
HEFTY	H3712VT2PRIB	VT2P,B	87	174.6	14.9	0	566	6	145.3	183.9	160.5	179.5	148.2
PROSEED	1790 VT2PRIB	VT2P,B	90	173.1	15.5	0	558	8	148.1	191.2	173.6	154.5	119.6
THUNDER	T6085 VT2P	VT2P,B	85	172.8	14.6	1	561	7	129.7	173.9	162.7	181.8	119.6
DAHLMAN	R45-25VT2PRIB	VT2P,B	90	172.0	15.3	0	557	9	147.7	177.4	164.0	174.4	119.2
THUNDER	T6987 VT2P	VT2P,B	87	169.2	14.3	0	549	10	145.5	182.3	154.3	171.1	119.7
REA	2B851	VT2P,B	85	168.3	14.5	0	546	11	147.7	187.3	142.5	175.0	119.2
ROB-SEE-CO	RC3601	3011A	86	168.1	15.5	3	543	12	145.4	146.9	168.5	189.1	119.1
LATHAM	LH 3695 VT2P RIB	VT2P,B	86	167.0	14.7	1	542	13	125.6	169.7	162.7	168.6	119.3
DAIRYLAND	DS-3030AM	AM,B	90	166.8	15.3	1	539	15	143.3	175.0	159.8	165.6	119.4
RENK	RK278VT2P	VT2P,B	87	166.7	14.7	0	541	14	147.6	176.0	162.3	161.8	119.4
LATHAM	LH 3937 VT2P RIB	VT2P,B	89	166.6	16.0	1	536	17	149.4	167.6	165.7	166.6	119.9
INTEGRA	3629 VT2PRIB	VT2P,B	86	166.0	14.2	0	539	16	147.4	173.4	164.4	160.2	119.3
THUNDER	T6185 VT2P	VT2P,B	85	164.3	14.1	0	534	18	143.3	181.5	151.6	159.9	119.2
INTEGRA	3718 VT2PRIB	VT2P,B	87	162.8	15.3	0	527	19	145.6	150.6	160.9	177.1	119.9
DAHLMAN	R45-28VT2PRIB	VT2P,B	90	161.9	15.7	1	522	21	124.6	160.4	154.3	171.1	119.7
RENK	RK315VT2P	VT2P	90	161.8	15.4	0	522	22	147.1	156.5	160.6	168.3	119.8
HEFTY	H3632VT2PRIB	VT2P,B	86	161.1	14.3	0	523	20	103.6	183.2	148.1	152.0	119.6
REA	2B861	VT2P,B	86	158.4	14.5	1	514	23	149.4	161.9	165.1	148.2	119.8
INTEGRA	4041 VT2P	VT2P	90	158.3	15.3	1	511	24	147.6	150.9	151.4	172.5	119.8
THUNDER	T6190 VT2P	VT2P,B	90	157.8	15.0	0	511	25	149.5	154.8	150.5	168.2	119.0
HEFTY	H4032VT2PRIB	VT2P,B	90	157.6	15.7	4	508	29	149.6	146.8	150.2	175.7	137.8
NK BRAND	NK8519-5222-EZR	5222,B	85	157.4	15.3	4	509	27	147.8	167.5	143.6	161.0	138.2
PROSEED	1787 VT2PRIB	VT2P,B	87	156.8	14.3	0	509	28	129.1	155.4	152.8	162.2	135.5
ENESTVEDT	E850DP RIB	VT2P,B	85	153.3	15.1	0	496	30	129.1	149.8	157.6	152.4	136.1
DAIRYLAND	DS-2505Q	QR	85	153.1	14.5	3	496	31	81.7	125.3	156.2	178.0	120.0
DEKALB	DKC40-78RIB CK	VT2P,B	90	157.6	14.7	0	511	26	103.6	149.6	152.0	171.2	113.3

Damaged by disease and weather events

Lost replicate and high variance

Averages =	160.1	15.1	3	518	114.0	155.1	157.7	167.4	131.6
LSD (0.10) =	19.2	0.8	9		17.2	14.2	9.4	13.0	14.9
LSD (0.25) =	10.0	0.4	5		9.0	7.4	5.0	6.8	7.8

Luke Brendemuhl

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Prev. years average yield for region: 186.6 bu/a, 6 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.

Full-Season Test

91 - 95 Day CRM

B2020RRSOB

Top 30 of 47

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

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Gross Income \$/Acre	Rank	Breckenridge REJECTED	Fairmount	Felton	Wendell	Wheaton *	
RENK	RK561DGV2PRIB	VT2PDG,B	95	183.3	16.7	1	588	1	147.0	220.5	159.0	194.1	159.7	
LATHAM	LH 4242 VT2P RIB	VT2P,B	92	181.2	17.1	0	580	2	137.3	210.5	157.3	186.5	170.4	
RENK	RK568VT2P	VT2P,B	95	180.6	17.4	0	576	4	132.6	201.7	162.1	200.1	158.5	
RENK	RK433VT2PRIB	VT2P,B	92	179.4	16.5	1	577	3	141.1	213.4	163.1	184.2	157.1	
ENESTVEDT	E612RR	RR2	92	179.3	16.7	1	575	5	137.8	208.3	164.3	184.8	159.9	
DYNA-GRO	D35VC35	VT2P	95	178.1	15.6	0	574	6	139.9	196.1	172.8	188.0	155.6	
THUNDER	T6992 VT2P	VT2P,B	92	178.1	15.8	1	573	7	138.9	198.3	168.6	196.1	149.6	
THUNDER	T6094 VT2P	VT2P,B	94	177.3	15.5	0	572	8	130.5	200.4	169.7	190.2	148.8	
ROB-SEE-CO	INNOTECH IC4166	3110A	91	176.6	16.9	0	565	10	137.4	209.1	159.3	185.6	152.5	
DAIRYLAND	DS-3550AM	AM,B	95	176.3	16.8	0	565	11	139.9	206.2	171.3	180.5	147.2	
PIONEER	P9211Q GC	QR,B	92	175.9	16.6	1	563	12	137.1	210.2	168.1	183.0	142.3	
LATHAM	LH 4375 VT2P RIB	VT2P,B	93	175.6	15.0	1	568	9	135.5	198.7	168.3	188.1	147.3	
THUNDER	T6993 VT2P	VT2P,B	93	174.6	16.8	0	559	14	137.7	197.9	158.2	184.1	158.3	
INTEGRA	4119 VT2PRIB	VT2P,B	91	174.4	15.7	1	563	13	133.3	192.0	172.3	190.3	143.1	
INTEGRA	4509 VT2PRIB	VT2P,B	95	174.4	17.8	2	554	16	131.1	193.5	161.1	189.9	153.1	
HEFTY	H4332VT2PRIB	VT2P,B	93	173.9	16.0	3	559	15	138.9	177.1	164.3	199.7	154.8	
PROSEED	1794 VT2PRIB	VT2P,B	94	171.6	16.6	1	550	17	133.3	175.4	157.7	197.2	156.1	
GOLDEN HARVEST	G96R61-5222-EZR	5222,B	96	171.5	17.2	0	546	20	132.2	202.4	161.4	197.7	124.5	
DAHLMAN	R48-28VT2PRIB	VT2P,B	95	170.9	17.2	0	546	19	132.2	199.2	155.6	181.5	147.4	
GOLDEN HARVEST	G91V51-3110A	3110A	91	170.6	16.4	4	548	18	134.9	172.9	168.4	180.3	160.8	
LATHAM	LH 4454 VT2P RIB	VT2P,B	94	169.7	16.9	0	543	21	133.5	200.8	156.9	189.0	132.0	
DYNA-GRO	D32VC41	VT2P	92	168.9	16.1	2	542	22	122.8	179.5	166.9	184.3	144.8	
NK BRAND	NK9653-5222-EZR	5222,B	96	168.3	16.9	0	538	25	131.7	194.9	157.0	177.0	144.5	
NK BRAND	NK9227-5222A-EZR	5222A,B	92	168.2	16.9	3	539	24	133.4	186.4	156.7	179.4	150.4	
DAIRYLAND	DS-3366Q	QR,B	93	168.1	16.2	4	539	23	131.1	158.3	167.6	193.8	152.7	
TITAN PRO	82-95 2P	VT2P,B	95	167.6	16.3	0	538	27	130.0	202.5	161.5	174.1	132.2	
NK BRAND	NK9175-3110A	3110A	91	167.3	16.2	1	538	28	133.8	184.2	155.9	194.0	135.0	
THUNDER	T6595 VT2P	VT2P,B	95	166.9	17.1	3	534	30	152.0	170.5	152.8	178.9	165.3	
DAIRYLAND	DS-3345AM	AM,B	93	166.3	15.8	3	535	29	141.9	168.6	159.9	196.5	140.2	
DAHLMAN	R47-26VT2PRIB	VT2P,B	94	166.0	15.0	0	538	26	128.7	181.7	149.9	188.7	143.9	
DEKALB	DKC40-78RIB CK	VT2P,B	90	161.9	14.7	0	523	37	111.7	162.9	152.1	200.0	132.7	
				Averages =	168.1	16.3	2	539		124.5	182.8	159.0	186.7	144.1
				LSD (0.10) =	13.3	0.9	5			18.0	21.0	9.4	11.1	16.0
				LSD (0.25) =	7.0	0.5	3			9.4	11.0	5.0	5.8	8.4

Damaged by disease and weather events

Luke Brendemuhl

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Yield & Income Factors:

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2020 Corn Grain - Red River South North Dakota & Minnesota [RRSO]

Early-Season Test Products (44 Total)

Company/Brand	Product/Brand	Technology	RM	Seed Treat.
DAHLMAN	R45-25VT2PRIB	VT2P,B	90	AC250
DAHLMAN	R45-28VT2PRIB	VT2P,B	90	AC250
DAIRYLAND	DS-2505Q	QR	85	Lum,P1V
DAIRYLAND	DS-2716Q	QR,B	87	Lum,P1V
DAIRYLAND	DS-3030AM	AM,B	90	Lum,P1V
DEKALB	DKC40-78RIB CK	VT2P,B	90	NA
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
GOLDEN HARVEST	G89A09-3120-EZR	3120,B	89	AVC,C2,Vi
HEFTY	H3442VT2P	VT2P	84	HC
HEFTY	H3622VT2PRIB	VT2P,B	86	HC
HEFTY	H3632VT2PRIB	VT2P,B	86	HC
HEFTY	H3712VT2PRIB	VT2P,B	87	HC
HEFTY	H4032VT2PRIB	VT2P,B	90	HC
INTEGRA	3629 VT2PRIB	VT2P,B	86	AC,P5V,St,SU
INTEGRA	3718 VT2PRIB	VT2P,B	87	AC,P2V,St,SU
INTEGRA	3839 VT2PRIB	VT2P,B	88	AC,P2V,St,SU
INTEGRA	4041 VT2P	VT2P	90	AC,P5V,St,SU
LATHAM	LH 3695 VT2P RIB	VT2P,B	86	AC250
LATHAM	LH 3827 VT2P RIB	VT2P,B	88	AC250
LATHAM	LH 3937 VT2P RIB	VT2P,B	89	AC250
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
NK BRAND	NK8920-3120-EZR	3120,B	89	AVC,C2,Vi
NK BRAND	NK8920-5122-EZR	5122,B	89	AVC,C2,Vi
PIONEER	P8989AM GC	AM,B	89	NA
PROSEED	1787 VT2PRIB	VT2P,B	87	NA
PROSEED	1790 VT2PRIB	VT2P,B	90	NA
REA	2B851	VT2P,B	85	AC,P5,B360
REA	2B861	VT2P,B	86	AC,P2,B360
REA	3B903	VT2P,B	90	AC,P5,B360
RENK	RK278VT2P	VT2P,B	87	AC,P2
RENK	RK312VT2PRIB	VT2P,B	90	AC,P2
RENK	RK315VT2P	VT2P	90	AC,P2

Company/Brand	Brand/Product	Technology	RM	Seed Treat.
ROB-SEE-CO	RC3601	3011A	86	CM,C2
ROB-SEE-CO	RC4016	3120,B	90	CM,C2
THUNDER	T6085 VT2P	VT2P,B	85	AC,P2
THUNDER	T6185 VT2P	VT2P,B	85	AC,P2
THUNDER	T6190 VT2P	VT2P,B	90	AC,P2
THUNDER	T6888 VT2P	VT2P,B	88	AC,P2
THUNDER	T6987 VT2P	VT2P,B	87	AC,P2
TITAN PRO	82-90 2P	VT2P,B	90	AC250

2020 Corn Grain - Red River South North Dakota & Minnesota [RRSO]

Full-Season Test Products (47 Total)

Company/Brand	Product/Brand	Technology	RM	Seed Treat.
DAHLMAN	R47-26VT2PRIB	VT2P,B	94	AC250
DAHLMAN	R48-28VT2PRIB	VT2P,B	95	AC250
DAIRYLAND	DS-3162Q	QR,B	91	Lum,P1V
DAIRYLAND	DS-3193AM	AM,B	91	Lum,P1V
DAIRYLAND	DS-3345AM	AM,B	93	Lum,P1V
DAIRYLAND	DS-3366Q	QR,B	93	Lum,P1V
DAIRYLAND	DS-3550AM	AM,B	95	Lum,P5V
DEKALB	DKC40-78RIB CK	VT2P,B	90	NA
DYNA-GRO	D32VC41	VT2P	92	AC,P5V,EDC-B
DYNA-GRO	D35VC35	VT2P	95	AC,P5V,EDC-B
ENESTVEDT	E612RR	RR2	92	CM,MQ,C2
GOLDEN HARVEST	G91V51-3110A	3110A	91	AVC,C2,Vi
GOLDEN HARVEST	G96R61-5222-EZR	5222,B	96	AVC,C2,Vi
HEFTY	H4102VT2PRIB	VT2P,B	91	HC
HEFTY	H4132VT2PRIB	VT2P,B	91	HC
HEFTY	H4322VT2PRIB	VT2P,B	93	HC
HEFTY	H4324SSRIB	STX,B	93	HC
HEFTY	H4332VT2PRIB	VT2P,B	93	HC
INTEGRA	4119 VT2PRIB	VT2P,B	91	AC,P2V,St,SU
INTEGRA	4311 VT2P	VT2P	93	AC,P5V,St,SU
INTEGRA	4509 VT2PRIB	VT2P,B	95	AC,P2V,St,SU
LATHAM	LH 4242 VT2P RIB	VT2P,B	92	AC250
LATHAM	LH 4375 VT2P RIB	VT2P,B	93	AC250
LATHAM	LH 4454 VT2P RIB	VT2P,B	94	AC250
LATHAM	LH 4517 VT2P RIB	VT2P,B	95	AC250
NK BRAND	NK9175-3110A	3110A	91	AVC,C2,Vi
NK BRAND	NK9227-5222A-EZR	5222A,B	92	AVC,C2,Vi
NK BRAND	NK9535-3220-EZR	3220,B	95	AVC,C2,Vi
NK BRAND	NK9653-5222-EZR	5222,B	96	AVC,C5,Vi
PIONEER	P9188AMXT GC	AMXT	91	NA
PIONEER	P9211Q GC	QR,B	92	NA
PROSEED	1794 VT2PRIB	VT2P,B	94	NA
PROSEED	2091 VT2PRIB	VT2P,B	91	NA
RENK	RK433VT2PRIB	VT2P,B	92	AC,P2
RENK	RK499VT2P	VT2P	94	AC,P2
RENK	RK561DGV2PRIB	VT2PDG,B	95	AC,P2

Company/Brand	Brand/Product	Technology	RM	Seed Treat.
RENK	RK568VT2P	VT2P,B	95	AC,P2
ROB-SEE-CO	INNOTECH IC4166	3110A	91	AVC,C2
ROB-SEE-CO	RC4343	3220A,B	93	CM,C2
ROB-SEE-CO	RC4427	3220,B	94	CM,C2
ROB-SEE-CO	RC4535	3110	95	CM,C2
THUNDER	T6094 VT2P	VT2P,B	94	AC,P2
THUNDER	T6595 VT2P	VT2P,B	95	AC,P2
THUNDER	T6791 VT2P	VT2P,B	91	AC,P2
THUNDER	T6992 VT2P	VT2P,B	92	AC,P2
THUNDER	T6993 VT2P	VT2P,B	93	AC,P2
TITAN PRO	82-95 2P	VT2P,B	95	AC250

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)
3110	Agrisure® Viptera® 3110 (Vip, CB,LL,GT)
3110A	Agrisure® Artesian® Viptera® 3110 (Vip, CB,LL,GT)
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®
AMXT	Optimum® AcreMax® Xtreme
B	Blend, Refuge in a Bag (RIB) or EZ-Refuge
QR	Qrome™
RR2	Roundup Ready® 2 Corn
STX	SmartStax®
VT2P	Genuity® VT Double PRO®
VT2PDG	Genuity® VT Double PRO® DroughtGard®

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

Corn Grain Seed Treatments**

NA	Not Available
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
AVC,C5,Vi	Avicta Complete 500, Vibrance
CM,C2	CruiserMaxx 250
CM,MQ,C2	CruiserMaxx® Cruiser® 250, Maxim® Quattro
HC	Hefty Complete
Lum,P1V	Lumigen Poncho 1250/Votivo
Lum,P5V	Lumigen Poncho 500/Votivo

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