

2022 Corn Grain Top 30 Region Summary for Red River Central North Dakota & Minnesota [RRCE]

Early-Season Test

80 - 85 Day CRM

B2022RRCEa

Top 30 of 40

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

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Gross Income \$/Acre	Rank	Buffalo	East Grand Forks	Felton	Georgetown	Hope No Results	
GOLDEN HARVEST	G85Z56-V ↗	V	85	200.4	17.9	0	1307	1	187.4	177.7	214.1	222.5		
NK BRAND	NK8519-V ↗	V	85	200.1	17.9	2	1304	2	182.1	192.7	218.9	206.7		
RENK	RK256-3120-EZ ↗	AA	84	193.3	18.4	1	1257	3	182.8	181.3	195.5	213.8		
GOLDEN HARVEST	G80Q01-V ↗	V	80	193.1	18.3	0	1257	4	187.5	176.9	198.0	210.1		
INTEGRA	3431 VT2PRIB ↗	VT2P	84	191.7	16.7	0	1255	5	182.4	180.0	204.8	199.4		
HEFTY	H3442 RIB ↗	VT2P	84	191.0	16.1	0	1253	6	185.2	167.0	207.2	204.6		
THUNDER	T6983 VT2P ↗	VT2P	83	190.9	16.4	0	1251	7	180.7	188.8	200.9	193.2		
RENK	RK223RR ↗	RR2	82	190.6	16.8	0	1248	8	181.5	182.7	199.6	198.6		
DAIRYLAND	DS-2531AM ↗	AM	85	189.7	16.6	0	1242	9	184.2	186.4	193.4	194.9		
NK BRAND	NK8005-V ↗	V	80	189.6	18.7	0	1233	12	187.0	168.7	206.3	196.6		
REA	2B851 ↗	VT2P	85	188.9	15.6	0	1242	10	175.9	179.1	193.5	207.4		
THUNDER	THX22-85 ↗	VT2P	85	188.6	16.7	1	1235	11	182.0	176.1	192.2	204.2		
THUNDER	T6185 VT2P ↗	VT2P	85	187.1	16.7	0	1225	13	185.6	172.7	191.3	198.7		
HEFTY	H3262 ↗	VT2P	84	185.8	16.4	0	1218	15	174.9	185.7	181.2	201.7		
DYNA-GRO	D23VC83RIB ↗	VT2P	83	185.7	15.5	0	1220	14	179.0	177.4	187.5	198.9		
DAIRYLAND	DS-2505Q ↗	QR	85	185.4	16.4	1	1216	16	189.8	154.6	197.8	199.3		
ROB-SEE-CO	RC3041-3110A ↗	3110A	80	184.8	17.6	1	1206	21	170.0	169.3	202.8	197.0		
REA	83B33 ↗	VT2P	83	184.7	15.0	1	1215	17	180.5	174.0	193.4	190.7		
HEFTY	H3322 RIB ↗	VT2P	83	184.3	16.5	0	1208	18	181.2	169.1	188.0	198.7		
LATHAM	LH 3325 VT2P RIB ↗	VT2P	83	184.1	16.7	0	1206	20	179.2	164.1	204.9	188.4		
STINE	9141-30 ↗	V	81	182.6	18.7	0	1187	22	179.9	169.1	191.6	189.9		
THUNDER	T6085 VT2P ↗	VT2P	85	179.8	15.5	0	1182	23	165.0	169.7	188.6	195.7		
BIOGENE	BG510AT ↗	V	81	179.6	18.7	2	1167	28	159.5	159.9	188.4	210.6		
PROSEED	1882 VT2PRIB ↗	VT2P	82	178.7	15.6	0	1175	24	157.7	163.4	192.5	201.3		
THUNDER	T6181 VT2P ↗	VT2P	81	178.3	15.6	1	1172	25	176.5	167.2	183.1	186.4		
DYNA-GRO	D21VC81RIB ↗	VT2P	81	178.0	16.2	0	1168	27	172.1	165.3	185.8	189.0		
CHANNEL	180-33VT2PRIB ↗	VT2P	80	177.8	14.9	0	1171	26	174.6	169.7	186.7	180.2		
LEGACY	LC354-20 ↗	3110	85	175.9	18.0	6	1147	30	165.2	128.2	200.4	209.6		
PROSEED	2181 VT2PRIB ↗	VT2P	81	175.6	15.6	0	1155	29	167.0	159.8	187.0	188.6		
PIONEER	P8588AM GC ↗	AM	85	173.2	15.3	0	1140	31	157.1	167.1	188.6	180.2		
DEKALB	DKC35-88RIB CK	VT2P	85	183.6	15.7	0	1207	19	171.1	174.7	192.6	196.0		
				Averages =	181.4	16.4	1	1188		172.7	167.4	190.8	194.9	
				LSD (0.10) =	7.7	0.4	3			11.7	11.2	8.9	9.8	
				LSD (0.25) =	4.1	0.2	2			6.2	5.9	4.7	5.2	

Not planted - wet spring conditions

Luke Brendemuhl

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Prev. years average yield for region: 157.28 bu/a, 4 yr(s)

Yield & Income Factors:

Base Moisture = 15.0%

Shrink = 1.3

Drying = \$0.03

Prices: GMO = \$6.63

† 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. ↗ New! Links to full product yield results at www.firstseedtests.com *There were 3 reps for the site.

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Report Date: 11/01/2022

2022 Corn Grain Top 30 Region Summary for Red River Central North Dakota & Minnesota [RRCE]

Full-Season Test

86 - 90 Day CRM

B2022RRCEb

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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	Buffalo	East Grand Forks	Felton	Georgetown	Hope No Results	
LEGACY	LC403-22 ↗	AA	90	213.1	21.6	6	1371	1	237.5	147.1	233.7	234.1		
INNOTECH	IC3983-3220 ↗	V	89	208.2	20.3	1	1346	2	220.5	173.7	216.3	222.2		
NK BRAND	NK9023-DV ↗	DV	90	206.4	20.3	4	1333	3	209.0	175.1	220.0	221.5		
NK BRAND	NK8760-V ↗	V	87	205.6	19.8	0	1331	4	203.2	183.3	219.8	216.2		
THUNDER	6090 AA ↗	AA	90	203.1	19.7	1	1315	8	216.6	167.7	206.8	221.1		
DAIRYLAND	DS-3022AM ↗	AM	90	202.6	18.6	0	1317	5	204.9	178.5	220.1	206.9		
REA	EXP88B04 ↗	VT2P	88	202.4	18.4	0	1317	6	196.4	191.0	206.6	215.8		
RENK	RK400VT2P ↗	VT2P	90	202.2	20.5	0	1305	13	208.4	188.1	194.6	217.9		
HEFTY	H4052 ↗	VT2P	90	202.1	20.3	0	1305	12	210.2	186.2	200.2	211.9		
REA	3B903 ↗	VT2P	90	201.9	17.8	0	1316	7	190.8	190.0	211.2	215.5		
LATHAM	LH 3937 VT2P RIB ↗	VT2P	89	201.7	20.2	0	1303	14	210.7	172.8	211.9	211.4		
RENK	RK297VT2P ↗	VT2P	89	201.3	19.2	0	1306	11	201.3	177.5	207.2	219.1		
THUNDER	T6389 VT2P ↗	VT2P	89	201.1	17.5	0	1313	9	192.7	191.7	204.8	215.2		
HEFTY	H3712 RIB ↗	VT2P	87	200.7	17.7	1	1309	10	205.3	187.7	202.3	207.7		
PROSEED	1790 VT2PRIB ↗	VT2P	90	200.5	20.9	0	1293	16	205.2	164.8	219.7	212.2		
GOLDEN HARVEST	G87A53-V ↗	V	87	199.8	19.7	0	1294	15	200.2	179.0	212.3	207.7		
GOLDEN HARVEST	G84J92-AA ↗	AA	84	199.4	20.1	2	1289	17	206.0	176.3	202.7	212.8		
LATHAM	LH 3827 VT2P RIB ↗	VT2P	88	196.2	19.3	0	1272	18	194.4	179.4	203.7	207.4		
THUNDER	T6888 VT2P ↗	VT2P	88	195.3	18.8	0	1269	19	195.2	185.7	197.0	203.4		
HEFTY	H4064 ↗	STX	90	194.8	18.8	0	1266	20	203.2	177.0	194.1	205.1		
ROB-SEE-CO	RC3601-GTA ↗	GTA	86	194.0	19.1	0	1259	21	186.1	178.9	201.2	209.8		
DAIRYLAND	DS-2919AM ↗	AM	89	193.1	19.2	5	1255	22	207.2	126.8	222.6	216.1		
THUNDER	T6987 VT2P ↗	VT2P	87	189.9	17.6	0	1239	23	184.1	179.8	195.5	200.4		
LATHAM	LH 3695 VT2P RIB ↗	VT2P	86	188.4	18.0	1	1228	25	180.3	176.0	197.4	200.1		
LATHAM	LH 3867 VT2P RIB ↗	VT2P	88	188.1	17.8	0	1226	26	179.1	176.9	192.4	204.0		
REA	2B863 ↗	VT2P	86	187.3	19.0	0	1216	28	169.3	170.6	199.0	210.5		
DYNA-GRO	D27VC87RIB ↗	VT2P	87	187.3	18.0	1	1220	27	181.4	178.2	187.7	201.8		
DEKALB	DKC40-99RIB ↗	TRE	90	185.8	19.2	0	1204	30	172.6	189.1	192.7	188.7		
DYNA-GRO	D28VC33 ↗	VT2P	88	185.1	17.9	0	1207	29	184.1	169.0	196.6	190.9		
REA	86A94 ↗	STX	86	183.9	17.2	0	1201	31	182.1	175.1	191.3	187.0		
DEKALB	DKC35-88RIB CK	VT2P	85	188.0	16.7	0	1231	24	194.4	175.5	195.4	186.8		
				Averages =	196.4	18.9	1	1275		196.7	176.3	203.9	208.1	
				LSD (0.10) =	10.5	0.5	3			10.2	11.7	11.3	9.6	
				LSD (0.25) =	5.5	0.3	1			5.4	6.1	5.9	5.1	

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2022 Corn Grain - Red River Central North Dakota & Minnesota [RRCE]

Early-Season Test Products (40 Total)

Company/Brand	Product/Brand	Technology	RIB	RM	Seed Treat.
BioGene	BG510AT	V	Y	81	CM,C2,Vi
BioGene	BG512V2 RIB	VT2P	Y	81	AC
Channel	180-33VT2PRIB	VT2P	Y	80	AC,P5V,EDC-B
Dairyland	DS-2505Q	QR	Y	85	Lum, L1
Dairyland	DS-2531AM	AM	Y	85	Lum, L1
DeKalb	DKC35-88RIB CK	VT2P	Y	85	AC,P5V,EDC-EL
Dyna-Gro	D21VC81RIB	VT2P	Y	81	AC,P5V
Dyna-Gro	D23VC83RIB	VT2P	N	83	AC,P5V
Golden Harvest	G80Q01-V	V	Y	80	AVC,C2,CM,C5,Vi,Va
Golden Harvest	G85Z56-V	V	Y	85	AVC,C2,Vi,Va
Hefty	H3122	VT2P	N	81	HC
Hefty	H3262	VT2P	N	84	HC
Hefty	H3322 RIB	VT2P	Y	83	HC
Hefty	H3432 RIB	VT2P	Y	84	HC
Hefty	H3442 RIB	VT2P	Y	84	HC
Integra	3009 VT2PRIB	VT2P	Y	80	AC,P5V,SU+Zn
Integra	3282 VT2PRIB	VT2P	Y	82	AC,P5V,SU+Zn
Integra	3431 VT2PRIB	VT2P	Y	84	AC,P5V,SU+Zn
Latham	LH 2977 VT2P RIB	VT2P	Y	79	AC,P2
Latham	LH 3325 VT2P RIB	VT2P	Y	83	AC,P2
Legacy	LC354-20	3110	N	85	CM,C2,Vi
NK Brand	NK8005-V	V	N	80	AVC,C2,Vi,Va
NK Brand	NK8519-V	V	Y	85	AVC,C2,Vi,Va
Pioneer	P8048AM GC	AM	Y	80	NA
Pioneer	P8588AM GC	AM	Y	85	NA
Proseed	1882 VT2PRIB	VT2P	Y	82	CM,C2,Vi
Proseed	2181 VT2PRIB	VT2P	Y	81	CM,C2,Vi,Va
REA	2B851	VT2P	Y	85	AC,P5V,EDC-B
REA	83B33	VT2P	Y	83	AC,P5V,EDC-B
Renk	RK223RR	RR2	N	82	AC,P2
Renk	RK227VT2P	VT2P	N	82	AC,P2
Renk	RK256-3120-EZ	AA	Y	84	CM,C2
Rob-See-Co	RC2862-3220	V	Y	78	CM,C2,Vi
Rob-See-Co	RC3041-3110A	3110A	N	80	CM,C2,Vi
Stine	9141-30	V	N	81	Se,Sa,Sn,Sp
Thunder	T6085 VT2P	VT2P	Y	85	AC,P2
Thunder	T6181 VT2P	VT2P	Y	81	AC,P2
Thunder	T6185 VT2P	VT2P	Y	85	AC,P2
Thunder	T6983 VT2P	VT2P	Y	83	AC,P2
Thunder	THX22-85	VT2P	N	85	AC,P5V,EDC-B

* FIRST does not inspect products for refuge blend. N* indicates the product was entered without a refuge component by the sponsoring seed company. Prior year entries may contain refuge blend.

2022 Corn Grain - Red River Central North Dakota & Minnesota [RRCE]

Full-Season Test Products (32 Total)

Company/Brand	Product/Brand	Technology	RIB	RM	Seed Treat.
Dairyland	DS-2919AM	AM	Y	89	Lum, L1
Dairyland	DS-3022AM	AM	Y	90	Lum, L1
DeKalb	DKC35-88RIB CK	VT2P	Y	85	AC,P5V,EDC-EL
DeKalb	DKC40-99RIB	TRE	Y	90	Treated
Dyna-Gro	D27VC87RIB	VT2P	N	87	AC,P5V
Dyna-Gro	D28VC33	VT2P	N	88	AC,P5V
Golden Harvest	G84J92-AA	AA	Y	84	AVC,C2,CM,C5,Vi,Va
Golden Harvest	G87A53-V	V	Y	87	AVC,C2,Vi,Va
Hefty	H3632	VT2P	N	86	HC
Hefty	H3712 RIB	VT2P	Y	87	HC
Hefty	H4052	VT2P	N	90	HC
Hefty	H4064	STX	N	90	HC
Innotech	IC3983-3220	V	Y	89	AVC,C2,Vi,Va
Latham	LH 3695 VT2P RIB	VT2P	Y	86	AC,P2
Latham	LH 3827 VT2P RIB	VT2P	Y	88	AC,P2
Latham	LH 3867 VT2P RIB	VT2P	Y	88	AC,P2
Latham	LH 3937 VT2P RIB	VT2P	Y	89	AC,P2
Legacy	LC403-22	AA	Y	90	AC,P2
NK Brand	NK8760-V	V	Y	87	AVC,C2,Vi,Va
NK Brand	NK9023-DV	DV	Y	90	AVC,C2,Vi,Va
Proseed	1790 VT2PRIB	VT2P	Y	90	CM,C2,Vi,Va
REA	2B863	VT2P	Y	86	AC,P5V,EDC-B
REA	3B903	VT2P	Y	90	AC,P5V,EDC-B
REA	86A94	STX	Y	86	AC,P5V,EDC-B
REA	EXP88B04	VT2P	Y	88	AC,P5V,EDC-B
Renk	RK297VT2P	VT2P	N	89	AC,P2
Renk	RK400VT2P	VT2P	N	90	AC,P2
Rob-See-Co	RC3601-GTA	GTA	N	86	CM,C2,Vi
Thunder	6090 AA	AA	Y	90	AC,P2
Thunder	T6389 VT2P	VT2P	Y	89	AC,P2
Thunder	T6888 VT2P	VT2P	Y	88	AC,P2
Thunder	T6987 VT2P	VT2P	Y	87	AC,P2

* FIRST does not inspect products for refuge blend. N* indicates the product was entered without a refuge component by the sponsoring seed company. Prior year entries may contain refuge blend.

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

3110	Agrisure® Viptera® 3110 (Vip, CB,LL,GT)
3110A	Agrisure® Artesian® Viptera® 3110 (Vip, CB,LL,GT)
AA	Agrisure® Above (CB,HX,LL,GT), formerly Agrisure® 3120
AM	Optimum® AcreMax®
DV	DuracadeViptera™ (Vip,CB,HX,RW,RW2,LL,GT), formerly Agrisure Duracade® 5222
GTA	Agrisure® Artesian® GTA
QR	Qrome™
RR2	Roundup Ready® 2 Corn
STX	SmartStax®
TRE	Trecepta®
V	Viptera™ (Vip,CB,HX,LL,GT), formerly Agrisure Viptera® 3220
VT2P	VT Double PRO®

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

Corn Grain Seed Treatments*

NA	Not Available
AC	Acceleron® unspecified
AC,P2	Acceleron® 250
AC,P5V	Acceleron® Poncho 500/Votivo
AC,P5V,EDC-B	Acceleron® BASIC Poncho 500/Votivo with Enhanced Disease Control
AC,P5V,EDC-EL	Acceleron® ELITE Poncho 500/Votivo with Enhanced Disease Control
AC,P5V,SU+Zn	Acceleron® Poncho 500/Votivo, StepUp SP, StepUp Zn
AVC,C2,CM,C5,Vi,Va	Avicta® Complete 250, CruiserMaxx 500, Vibrance®, Vayantis®
AVC,C2,Vi,Va	Avicta® Complete 250, Vibrance®, Vayantis®
CM,C2	CruiserMaxx® 250
CM,C2,Vi	CruiserMaxx® 250 with Vibrance
CM,C2,Vi,Va	CruiserMaxx® 250 with Vibrance, Vayantis®
HC	Hefty Complete
Lum, L1	(2022) LumiGEN, Lumisure 1250
Se,Sa,Sn,Sp	Senator 250, Sativa, Spirato, Sebring
Treated	Treated seed, unspecified

* Seed treatments may include unspecified plant health promoting components.