

2022 Corn Grain Top 30 Performance Summary for Minnesota West Central [MNWC]



Early-Season Test

93 - 98 Day CRM

B2022MNWCa

Top 30 of 45

For Gross Income (Sorted by Yield), (18) Replication Average

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Gross Income \$/Acre	Rank	Belgrade	Clinton	Kerkhoven	Lester Prairie	Montevideo	Starbuck	
GOLD COUNTRY	98-15RSS ↗	STX	98	206.2	16.9	0	1328	1	216.2	199.9	225.4	215.4	211.2	169.2	
DAIRYLAND	DS-3601AM ↗	AM	96	205.1	16.1	0	1325	2	191.1	215.8	226.5	234.4	226.9	136.1	
THUNDER	T6298 VT2P ↗	VT2P	98	204.6	16.6	0	1318	3	212.0	206.0	240.0	201.7	237.1	130.6	
FEDERAL	4830 TRE ↗	TRE	98	202.6	16.8	0	1305	4	198.8	205.3	204.9	205.7	235.4	165.4	
FEDERAL	4833 VT2P ↗	VT2P	98	201.3	16.6	0	1298	5	209.2	203.8	214.2	188.4	236.9	155.6	
EPLEY	E9807TRE ↗	TRE	98	200.8	16.7	0	1294	6	197.7	214.4	209.7	200.7	219.6	162.7	
ENESTVEDT	E658DP RIB ↗	VT2P	96	199.4	16.5	0	1287	7	204.7	202.2	206.0	206.6	228.1	149.1	
RENK	RK590VT2P ↗	VT2P	98	199.3	16.8	0	1284	8	189.5	210.2	209.7	205.6	219.0	161.6	
GOLD COUNTRY	97-14R2P ↗	VT2P	97	198.5	16.3	0	1282	9	202.7	206.8	216.0	203.4	215.2	146.7	
TITAN PRO	11-98 2P ↗	VT2P	98	197.7	16.6	0	1274	10	186.7	209.1	225.7	203.1	212.2	149.6	
JACOBSEN	JS8053TRE ↗	TRE	98	197.7	16.9	0	1273	12	189.6	204.7	216.8	189.7	241.5	144.0	
DAIRYLAND	DS-3550AM ↗	AM	95	197.2	16.2	0	1273	13	212.0	179.3	225.4	210.0	217.9	138.4	
JACOBSEN	JS7045VT2PR GC ↗	VT2P	95	196.9	15.7	0	1274	11	208.6	210.5	203.3	185.6	224.9	148.1	
LATHAM	LH 4517 VT2P RIB ↗	VT2P	95	196.3	15.8	0	1270	14	199.9	227.9	200.2	193.6	217.4	139.1	
ANDERSON	786R ↗	RR2	95	196.2	16.0	0	1269	15	204.9	195.4	226.1	179.9	217.6	153.6	
RENK	RK561DGV2P ↗	VT2PDG	95	196.2	16.0	0	1267	16	209.0	221.8	212.7	180.9	222.8	130.0	
HEFTY	H4653 RIB ↗	VT2PDG	96	195.8	16.3	0	1264	17	186.0	212.1	187.8	197.7	238.6	152.7	
GOLDEN HARVEST	G95D32-V GC ↗	V	95	195.8	16.7	0	1261	18	189.3	198.1	224.3	205.7	230.6	126.9	
DAIRYLAND	DS-3727AM ↗	AM	97	195.2	16.7	0	1257	20	203.6	173.9	220.9	218.9	211.8	141.9	
THUNDER	T6398 TRE ↗	TRE	98	195.0	17.0	0	1255	21	182.1	206.6	210.3	208.3	220.1	142.9	
GOLD COUNTRY	95-36RSS ↗	STX	95	195.0	16.3	0	1259	19	184.6	193.4	246.3	184.4	217.0	144.5	
AUGUSTA	A2148-3220-EZ ↗	V	98	194.9	17.5	0	1252	25	210.9	199.5	194.8	210.2	203.7	150.2	
ENESTVEDT	E692 ↗	TRE	98	194.6	16.8	0	1254	22	196.4	195.7	227.4	187.0	218.9	142.5	
THUNDER	T8396 SS ↗	STX	96	194.4	16.8	0	1252	24	200.5	211.7	216.8	174.9	217.7	144.7	
LATHAM	LH 4657 VT2P RIB ↗	VT2P	96	194.1	16.5	0	1252	26	190.7	190.5	206.2	205.0	224.8	147.2	
DAIRYLAND	DS-3477AM ↗	AM	94	193.9	16.1	0	1253	23	183.0	192.5	210.4	196.8	221.1	159.5	
GOLDEN HARVEST	G97A36-V ↗	V	97	192.9	17.2	0	1241	27	188.9	210.7	192.9	214.8	227.2	123.2	
HEFTY	H4462 ↗	VT2P	94	191.2	15.8	0	1237	28	198.0	195.0	211.9	188.7	208.2	145.2	
HEFTY	H4844 RIB ↗	STX	98	190.7	16.4	0	1230	29	181.5	202.9	208.2	189.7	218.1	143.8	
LATHAM	LH 4669 SS RIB ↗	STX	96	190.1	16.4	0	1227	30	193.5	181.6	217.2	190.0	205.2	153.4	
PIONEER	PO075AM CK	AM	100	182.0	18.0	0	1166	42	176.0	187.5	208.8	164.9	207.6	147.2	
				Averages =	192.6	16.4	0	1243		194.8	199.0	208.6	194.4	216.3	141.5
				LSD (0.10) =	9.0	0.3	ns			16.2	13.1	18.6	17.8	14.1	18.7
				LSD (0.25) =	4.7	0.2	ns			8.5	6.8	9.8	9.3	7.4	9.8

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Prev. years average yield for region: 194.29 bu/a, 19 yr(s)

Yield & Income Factors:

Base Moisture = 15.0%

Shrink = 1.3

Drying = \$0.03

Prices: GMO = \$6.50

† 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

Additional reports available at www.firstseedtests.com

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Report Date: 10/27/2022

2022 Corn Grain Top 30 Performance Summary for Minnesota West Central [MNWC]

Full-Season Test
99 - 102 Day CRM

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B2022MNWCb

For Gross Income (Sorted by Yield), (17) Replication Average

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Gross Income \$/Acre	Rank	Belgrade	Clinton	Kerkhoven	Lester Prairie	Montevideo	Starbuck *	
RENK	RK615SSTX ↗	STX	102	213.9	17.6	0	1373	1	193.8	226.0	233.3	214.9	226.4	189.2	
THUNDER	T6999 VT2P ↗	VT2P	99	212.2	16.5	0	1369	2	230.4	222.8	209.8	205.5	226.8	177.9	
LATHAM	LH 4957 VT2P RIB ↗	VT2P	99	212.2	16.9	0	1367	3	244.4	231.9	198.5	197.0	227.6	173.8	
INTEGRA	4993 TRERIB ↗	TRE	99	212.1	17.2	0	1364	5	227.8	236.5	221.5	199.4	226.3	161.2	
FEDERAL	5120 TRE ↗	TRE	101	211.9	16.7	0	1366	4	219.6	238.4	213.3	190.3	243.4	166.3	
DAIRYLAND	DS-3900AM ↗	AM	99	210.8	17.6	0	1354	6	211.2	228.0	225.1	188.5	223.2	189.0	
LATHAM	LH 5245 VT2P RIB ↗	VT2P	102	207.5	17.9	0	1330	7	207.2	234.0	213.6	198.1	219.7	172.3	
RENK	RK600VT2P ↗	VT2P	100	205.5	16.7	0	1324	8	213.9	222.6	205.1	205.4	210.5	175.7	
GOLDEN HARVEST	G00A97-AA ↗	AA	100	205.1	17.9	0	1315	9	202.2	224.8	202.5	184.1	223.8	193.3	
DAIRYLAND	DS-4014Q ↗	QR	100	204.7	17.2	0	1315	10	199.1	229.5	223.4	184.2	221.1	171.0	
INTEGRA	5280 VT2PRIB ↗	VT2P	102	204.4	17.6	0	1312	12	208.5	223.2	214.7	209.1	218.3	152.4	
HEFTY	H5055 ↗	TRE	100	204.2	16.8	0	1315	11	221.9	217.8	215.8	200.6	223.8	145.5	
FEDERAL	5280 VT2PRIB ↗	VT2P	102	204.1	17.4	0	1311	14	220.5	235.4	223.0	183.8	202.1	159.7	
THUNDER	T6300 VT2P ↗	VT2P	100	203.9	17.4	0	1311	15	188.5	228.2	205.9	196.5	221.0	183.5	
HEFTY	H5254 ↗	STX	102	203.9	17.8	0	1308	16	195.8	234.4	217.6	185.7	220.6	169.3	
ANDERSON	681VT2P ↗	VT2P	100	203.8	17.0	0	1312	13	229.9	231.8	188.5	187.4	212.8	172.4	
HEFTY	H5062 ↗	VT2P	100	203.5	17.4	0	1308	17	205.7	246.4	204.0	191.9	202.0	171.1	
RENK	RK597SSPRO ↗	STXP	99	202.9	16.8	0	1308	18	187.5	229.6	221.5	195.1	208.9	174.9	
GOLD COUNTRY	101-51RSP ↗	STXP	101	202.0	18.1	0	1293	21	201.1	229.1	224.6	185.0	212.5	159.9	
GOLD COUNTRY	100-19TRE ↗	TRE	100	201.6	16.9	0	1299	20	204.3	232.3	214.3	184.7	227.1	146.9	
LATHAM	LH 4937 VT2P RIB ↗	VT2P	99	201.6	16.6	0	1301	19	230.7	223.8	168.9	170.5	219.3	196.3	
AUGUSTA	A22-250 ↗	AA	100	201.3	18.0	0	1290	24	221.1	225.7	206.7	163.3	222.7	168.2	
DAIRYLAND	DS-3959Q ↗	QR	99	200.9	18.0	0	1287	26	168.9	224.4	227.8	203.9	217.9	162.4	
DAIRYLAND	DS-4018AM ↗	AM	101	200.7	17.1	0	1290	23	197.3	229.1	232.6	169.2	216.9	158.9	
GOLD COUNTRY	99-01R2P ↗	VT2P	99	200.6	16.9	0	1292	22	203.4	223.5	204.9	195.5	219.6	156.8	
ENESTVEDT	E600DP RIB ↗	VT2P	99	200.1	17.1	0	1288	25	191.9	215.8	207.0	178.3	212.9	194.8	
DAIRYLAND	DS-4219AM ↗	AM	102	199.3	17.6	0	1279	28	203.3	220.3	226.5	141.8	230.7	173.0	
LATHAM	LH 5047 VT2P RIB ↗	VT2P	100	198.9	16.7	0	1282	27	221.2	221.3	191.2	172.6	216.5	170.5	
RENK	RK579DGV2P ↗	VT2PDG	99	197.2	17.1	0	1270	29	202.8	226.4	191.5	177.0	223.8	162.0	
HEFTY	H4933 RIB ↗	VT2PDG	99	196.1	17.1	0	1261	30	213.3	223.2	195.1	173.2	221.3	150.4	
PIONEER	P0075AM CK	AM	100	185.5	17.8	0	1189	39	175.3	213.5	203.5	156.7	205.5	158.3	
				Averages =	200.2	17.4		1286		204.0	224.3	207.5	183.4	215.0	166.0
				LSD (0.10) =	9.2	0.4	ns			19.0	10.8	18.5	19.4	14.0	16.9
				LSD (0.25) =	4.8	0.2	ns			10.0	5.7	9.7	10.1	7.3	8.8

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Drying = \$0.03

Prices: GMO = \$6.50

† 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 2 reps for the site.

Additional reports available at www.firstseedtests.com

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Report Date: 10/27/2022

2022 Corn Grain - Minnesota West Central [MNWC]

Early-Season Test Products (45 Total)

Company/Brand	Product/Brand	Technology	RIB	RM	Seed Treat.
Anderson	786R	RR2	N	95	Treated
Augusta	A1946-3120	AA	N	95	AC,P5V
Augusta	A2148-3220-EZ	V	Y	98	CM,C2
Dairyland	DS-3477AM	AM	Y	94	Lum, L1
Dairyland	DS-3550AM	AM	Y	95	Lum, L1
Dairyland	DS-3601AM	AM	Y	96	Lum, L1
Dairyland	DS-3727AM	AM	Y	97	Lum, L1
Enestvedt	E640DP RIB	VT2P	Y	94	AC,P2
Enestvedt	E658DP RIB	VT2P	Y	96	AC,P2
Enestvedt	E692	TRE	Y	98	P5V
Epley	E9807TRE	TRE	N	98	Vi5
Federal	4830 TRE	TRE	Y	98	AC,P5V,MAG
Federal	4833 VT2P	VT2P	Y	98	AC,P2,MAG
Gold Country	95-36RSS	STX	Y	95	AC,P5V,EDC-B
Gold Country	97-14R2P	VT2P	N	97	AC,P5V,EDC-B
Gold Country	98-15RSS	STX	Y	98	AC,P5V,EDC-B
Golden Harvest	G93A49-D	D	Y	93	AVC,C2,Vi,Va
Golden Harvest	G95D32-V GC	V	Y	95	AVC,C2,Vi,Va
Golden Harvest	G97A36-V	V	Y	97	AVC,C2,Vi,Va
Hefty	H4332	VT2P	N	93	HC
Hefty	H4462	VT2P	N	94	HC
Hefty	H4653 RIB	VT2PDG	Y	96	HC
Hefty	H4732	VT2P	N	97	HC
Hefty	H4844 RIB	STX	Y	98	HC
Integra	4509 VT2PRIB	VT2P	Y	95	AC,P5V,SU+Zn
Integra	4702 VT2PRIB	VT2P	Y	97	AC,P5V,SU+Zn
Jacobsen	JS7045VT2PR GC	VT2P	Y	95	AC,P2,Va
Jacobsen	JS8053TRE	TRE	N	98	AC,P2,Va
Latham	LH 4375 VT2P RIB	VT2P	Y	93	AC,P2
Latham	LH 4517 VT2P RIB	VT2P	Y	95	AC,P2
Latham	LH 4527 VT2P RIB	VT2P	Y	95	AC,P5V,EDC-B
Latham	LH 4657 VT2P RIB	VT2P	Y	96	AC,P2
Latham	LH 4669 SS RIB	STX	Y	96	AC,P5V
Pioneer	P0075AM CK	AM	Y	100	Lum
Renk	RK444VT2P	VT2P	N	93	AC,P5V
Renk	RK502SSTX	STX	N	95	AC,P5V
Renk	RK561DGV2P	VT2PDG	N	95	AC,P2
Renk	RK590VT2P	VT2P	N	98	AC,P2
Thunder	T6298 VT2P	VT2P	Y	98	AC,P2
Thunder	T6397 AA	AA	Y	97	AC,P2
Thunder	T6398 TRE	TRE	Y	98	AC,P2
Thunder	T6996 VT2P	VT2P	Y	96	AC,P2

Company/Brand	Brand/Product	Technology	RIB	RM	Seed Treat.
Thunder	T8396 SS	STX	Y	96	AC,P5V,EDC-B
Titan Pro	11-98 2P	VT2P	Y	98	AC,P2
Titan Pro	82-95 2P	VT2P	Y	95	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.

2022 Corn Grain - Minnesota West Central [MNWC]

Full-Season Test Products (41 Total)

Company/Brand	Product/Brand	Technology	RIB	RM	Seed Treat.
Anderson	681VT2P	VT2P	N	100	AC,P2
Augusta	A22-250	AA	Y	100	CM,C5,Vi
Dairyland	DS-3900AM	AM	Y	99	Lum, L1
Dairyland	DS-3959Q	QR	Y	99	Lum, L1
Dairyland	DS-4014Q	QR	Y	100	Lum, L1
Dairyland	DS-4018AM	AM	Y	101	Lum, L1
Dairyland	DS-4219AM	AM	Y	102	Lum, L1
Enestvedt	E539DP RIB	VT2P	Y	102	AC,P2
Enestvedt	E600DP RIB	VT2P	Y	99	AC,P2
Federal	5120 TRE	TRE	Y	101	AC,P2,MAG
Federal	5200 VP3110	3110	Y	102	AC,P2,MAG
Federal	5280 VT2PRIB	VT2P	Y	102	AC,P2,MAG
Gold Country	100-19TRE	TRE	Y	100	Treated
Gold Country	101-51RSP	STXP	Y	101	Treated
Gold Country	99-01R2P	VT2P	N	99	AC,P5V,B300
Golden Harvest	G00A97-AA	AA	Y	100	AVC,C2,Vi,Va
Golden Harvest	G02K39-D	D	Y	102	AVC,C2,Vi,Va
Hefty	H4933 RIB	VT2PDG	Y	99	HC
Hefty	H4942 RIB	VT2P	Y	99	HC
Hefty	H5055	TRE	N	100	HC
Hefty	H5062	VT2P	N	100	HC
Hefty	H5254	STX	N	102	HC
Integra	4993 TRERIB	TRE	N	99	AC,P5V
Integra	5052 VT2PRIB	VT2P	Y	100	AC,P5V,SU+Zn
Integra	5280 VT2PRIB	VT2P	Y	102	AC,P5V,SU+Zn
Jacobsen	JS7107VT2PR	VT2P	Y	102	AC,P2,Va
Latham	LH 4937 VT2P RIB	VT2P	Y	99	AC,P2
Latham	LH 4957 VT2P RIB	VT2P	Y	99	AC,P2,Sb
Latham	LH 5047 VT2P RIB	VT2P	Y	100	AC,P2
Latham	LH 5209 DV	DV	Y	102	AVC,C2,Vi,Va
Latham	LH 5245 VT2P RIB	VT2P	Y	102	AC,P2
Pioneer	P0075AM CK	AM	Y	100	Lum
Renk	RK579DGV2P	VT2PDG	Y	99	AC,P2
Renk	RK597SSPRO	STXP	N	99	AC,P5V
Renk	RK600VT2P	VT2P	N	100	AC,P2
Renk	RK615SSTX	STX	Y	102	AC,P5V
Thunder	T6300 VT2P	VT2P	Y	100	AC,P5V,EDC-B
Thunder	T6902 VT2P	VT2P	Y	102	CM,C2,Vi
Thunder	T6999 VT2P	VT2P	Y	99	AC,P2
Titan Pro	16-00 5222	DV	Y	100	CM,C2
Titan Pro	26-02 PCE	PC,E	N	102	CM,C2

* 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)
AA	Agrisure® Above (CB,HX,LL,GT), formerly Agrisure® 3120
AM	Optimum® AcreMax®
D	Duracade™ (CB,HX,RW,RW2,LL,GT), formerly Agrisure Duracade® 5122
DV	DuracadeViptera™ (Vip,CB,HX,RW,RW2,LL,GT), formerly Agrisure Duracade® 5222
E	Enlist™ (2,4-D, glyphosate, fop herbicide tolerance)
PC	PowerCore™
QR	Qrome™
RR2	Roundup Ready® 2 Corn
STX	SmartStax®
STXP	SmartStax® Pro
TRE	Trecepta®
V	Viptera™ (Vip,CB,HX,LL,GT), formerly Agrisure Viptera® 3220
VT2P	VT Double PRO®
VT2PDG	VT Double PRO® DroughtGard®

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

Corn Grain Seed Treatments*

NA	Not Available
AC,P2	Acceleron® 250
AC,P2,MAG	Acceleron® 250, Federal ArmourGuard
AC,P2,Sb	Acceleron® 250, SabrEx Inoculant
AC,P2,Va	Acceleron® 250, Vayantis®
AC,P5V	Acceleron® Poncho 500/Votivo
AC,P5V,B300	Acceleron® Poncho 500/Votivo with B-300 SAT
AC,P5V,EDC-B	Acceleron® BASIC Poncho 500/Votivo with Enhanced Disease Control
AC,P5V,MAG	Acceleron® Poncho 500/Votivo, Federal ArmourGuard
AC,P5V,SU+Zn	Acceleron® Poncho 500/Votivo, StepUp SP, StepUp Zn
AVC,C2,Vi,Va	Avicta® Complete 250, Vibrance®, Vayantis®
CM,C2	CruiserMaxx® 250
CM,C2,Vi	CruiserMaxx® 250 with Vibrance
CM,C5,Vi	CruiserMaxx® 500 with Vibrance
HC	Hefty Complete
Lum	LumiGEN™ (Corteva Agriscience)
Lum, L1	(2022) LumiGEN, Lumisure 1250
P5V	Poncho 500/Votivo
Treated	Treated seed, unspecified
VI5	Vibrance® Cinco

* Seed treatments may include unspecified plant health promoting components.