

2020 Corn Grain Top 30 Performance Summary for Minnesota South [MNSO]

Ultra Early-Season Test

92 - 96 Day CRM

B2020MNSOu

Top 30 of 48

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

Company/Brand	Product/Brand	Technol. †	RM	Yield Bu/A ↓	Moisture %	Lodging %	Gross Income \$/Acre	Rank	Eyota	Jackson	Kasson	Lamberton	Mankato	Nerstrand
HEFTY	H4612VT2PRIB	VT2P,B	96	260.2	19.7	1	860	1	263.4	261.7	298.3	254.6	230.6	252.9
GOLDEN HARVEST	G95M41-5122-EZR	5122,B	95	242.0	16.0	1	835	2	232.8	228.5	285.1	223.1	242.5	240.2
TITAN PRO	86-96 2P	VT2P,B	96	239.7	15.5	0	831	3	239.9	228.1	266.9	234.3	232.3	237.0
NK BRAND	NK9610-5122-EZR	5122,B	96	239.6	15.8	2	828	4	249.9	223.6	281.8	196.6	235.1	250.4
NUTECH	56A7Q	QR,B	96	238.3	16.6	1	818	6	257.3	220.6	271.3	245.0	211.5	224.2
HI FIDELITY GENETICS	HFG0951	CONV	95	236.8	15.9	1	819	5	260.4	200.0	263.0	205.9	238.0	253.6
VIKING	46-96	CONV	96	234.4	15.8	1	810	7	246.7	213.7	268.9	218.0	218.1	240.7
NK BRAND	NK9175-3110A	3110A	91	233.3	15.6	1	807	8	250.9	230.0	238.6	235.9	226.4	218.0
NUTECH	5F-196AM	AM,B	96	233.3	16.2	1	804	9	218.7	197.3	298.9	228.1	225.4	231.2
TITAN PRO	85-96	CONV	96	232.0	16.0	1	801	10	225.5	206.8	254.8	254.1	210.1	240.5
DAIRYLAND	DS-3550AM	AM,B	95	232.0	16.2	2	800	11	240.4	211.6	263.5	233.3	215.0	227.9
NK BRAND	NK9227-5222A-EZR	5222A,B	92	231.1	15.9	1	797	14	228.8	233.7	260.5	221.6	230.8	210.9
AUGUSTA	2541 GC	3010A	91	230.9	15.8	1	798	13	246.2	218.2	246.8	226.9	224.2	222.8
HI FIDELITY GENETICS	HFG0921	CONV	92	230.5	15.6	2	799	12	243.6	209.3	256.8	211.6	231.3	230.4
AUGUSTA	2545	5122,B	95	230.3	15.9	1	794	15	216.1	225.5	270.7	224.6	221.7	223.0
HEFTY	H4522VT2PRIB	VT2P,B	95	229.5	15.9	0	792	16	235.0	193.0	258.3	229.8	218.5	242.5
FEDERAL	4680 VT2PRIB	VT2P,B	96	227.9	15.5	1	789	17	252.5	237.8	232.1	197.9	228.1	219.0
FEDERAL	4300 VT2PRIB	VT2P,B	93	227.8	15.5	0	789	18	223.1	229.2	250.6	226.7	209.6	227.5
HEFTY	H4542VT2P	VT2P	95	227.1	16.0	1	783	20	226.7	225.9	245.1	233.0	207.7	224.2
PIONEER	P9492AM GC	AM,B	94	227.0	15.6	0	785	19	242.9	231.7	245.5	206.7	216.8	218.6
HEFTY	H4332VT2PRIB	VT2P,B	93	224.9	15.8	0	776	21	214.3	217.4	248.6	226.7	216.8	225.3
LATHAM	LH 4657 VT2P RIB	VT2P,B	96	224.5	16.0	1	775	23	212.1	201.4	270.4	216.9	223.0	223.2
ANDERSON	7422	CONV	92	224.2	15.6	1	776	22	233.8	213.1	231.3	230.8	206.4	229.7
AUGUSTA	2345	3220,B	95	224.1	16.1	1	773	26	227.7	218.3	266.0	203.8	217.6	211.5
DAIRYLAND	DS-3366Q	QR,B	93	223.3	15.5	2	773	25	222.6	228.5	244.9	206.8	226.4	210.5
LATHAM	LH 4517 VT2P RIB	VT2P,B	95	223.1	15.2	1	773	24	231.9	217.2	245.5	209.8	215.0	219.4
VIKING	42-92	CONV	92	223.0	15.5	0	772	27	233.4	205.9	234.8	226.6	226.3	211.2
WYFFELS	W1546	VT2P	96	223.0	15.6	0	772	28	218.9	209.7	269.3	209.5	210.1	220.8
DAIRYLAND	DS-3519AM	AM,B	96	221.8	15.9	1	767	29	213.9	212.1	254.5	210.1	219.7	220.7
DYNA-GRO	D35VC35	VT2P	95	220.9	15.3	1	766	30	229.1	196.6	269.8	191.1	232.8	206.1

 Mark Querna mark.querna@firstseedtests.com, (507) 380-9920	Averages =	222.8	15.8	1	769	224.3	214.6	251.0	215.4	213.9	217.2
	LSD (0.10) =	9.9	0.3	1		22.5	21.2	19.2	19.2	21.4	17.0
	LSD (0.25) =	5.2	0.2	1		11.8	11.1	10.1	10.0	11.2	8.9

Prev. years average yield for region: new region

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.4 Drying = \$0.04 Prices: GMO = \$3.50

† 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.

2020 Corn Grain - Minnesota South [MNSO]

Ultra Early-Season Test Products (48 Total)

Company/Brand	Product/Brand	Technology	RM	Seed Treat.
ANDERSON	7422	CONV	92	MQ
ANDERSON	7865	CONV	95	MQ
AUGUSTA	2345	3220,B	95	C2
AUGUSTA	2541 GC	3010A	91	C2
AUGUSTA	2545	5122,B	95	AVC,C2
DAIRYLAND	DS-3345AM	AM,B	93	Lum,P1V
DAIRYLAND	DS-3366Q	QR,B	93	Lum,P1V
DAIRYLAND	DS-3519AM	AM,B	96	Lum,P1V
DAIRYLAND	DS-3550AM	AM,B	95	Lum,P5V
DYNA-GRO	D35VC35	VT2P	95	AC,P5V,EDC-B
FEDERAL	4300 VT2PRIB	VT2P,B	93	AC,P2,MAG
FEDERAL	4680 VT2PRIB	VT2P,B	96	AC,P2,MAG
GOLD COUNTRY	94-19 GC	CONV	94	AC
GOLDEN HARVEST	G95M41-5122-EZR	5122,B	95	AVC,C2,Vi
GOLDEN HARVEST	G96R61-5222-EZR	5222,B	96	AVC,C2,Vi
HEFTY	H4322VT2PRIB	VT2P,B	93	HC
HEFTY	H4324SSRIB	STX,B	93	HC
HEFTY	H4332VT2PRIB	VT2P,B	93	HC
HEFTY	H4522VT2PRIB	VT2P,B	95	HC
HEFTY	H4542VT2P	VT2P	95	HC
HEFTY	H4612VT2PRIB	VT2P,B	96	HC
HEFTY	H4732VT2PRIB	VT2P,B	96	HC
HI FIDELITY GENETICS	HFG0921	CONV	92	AC,P5V
HI FIDELITY GENETICS	HFG0951	CONV	95	AC,P5V
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
LATHAM	LH 4657 VT2P RIB	VT2P,B	96	AC250
LATHAM	LH 4669 SS RIB	STX,B	96	AC,P5V
NK BRAND	NK9175-3110A	3110A	91	AVC,C2,Vi
NK BRAND	NK9227-5222A-EZR	5222A,B	92	AVC,C2,Vi
NK BRAND	NK9610-5122-EZR	5122,B	96	AVC,C2,Vi
NK BRAND	NK9653-5222-EZR	5222,B	96	AVC,C5,Vi
NUTECH	56A7Q	QR,B	96	P1V,RN
NUTECH	5F-196AM	AM,B	96	P1V,RN
PIONEER	P9492AM GC	AM,B	94	NA

Company/Brand	Brand/Product	Technology	RM	Seed Treat.
RENK	RK499VT2P	VT2P	94	AC,P2
RENK	RK561DGVT2PRIB	VT2PDG,B	95	AC,P2
RENK	RK568VT2P	VT2P,B	95	AC,P2
TITAN PRO	82-95 2P	VT2P,B	95	AC250
TITAN PRO	85-96	CONV	96	AC250
TITAN PRO	86-96 2P	VT2P,B	96	AC250
TITAN PRO	91-95	CONV	95	AC250
VIKING	42-92	CONV	92	CM,C2,Sb
VIKING	46-96	CONV	96	CM,C2,Sb
VIKING	52-96	CONV	96	CM,C2,Sb
WYFFELS	W1516RIB	VT2P,B	95	AC250
WYFFELS	W1546	VT2P	96	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*

3010A	Agrisure® Artesian® 3010 (CB,LL,GT)
3110A	Agrisure® Artesian® Viptera® 3110 (Vip, CB,LL,GT)
3220	Agrisure® 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
CONV	Conventional
QR	Qrome™
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
AC	Acceleron®, unspecified
AC250	Acceleron 250
AC,P2	Acceleron, Poncho 250
AC,P2,MAG	Acceleron 250, Federal ArmourGuard
AC,P5V	Acceleron, Poncho 500/Votivo
AC,P5V,EDC-B	Acceleron, Basic Poncho 500/Votivo with Enhanced Disease Control
AVC,C2	Avicta Complete 250
AVC,C2,Vi	Avicta Complete 250, Vibrance
AVC,C5,Vi	Avicta Complete 500, Vibrance
C2	Cruiser 250
CM,C2,Sb	CruiserMaxx 250, SabrEx Inoculant
HC	Hefty Complete
Lum,P1V	Lumigen Poncho 1250/Votivo
Lum,P5V	Lumigen Poncho 500/Votivo
MQ	Maxim Quattro
P1V,RN	Poncho 1250/Votivo, Rancona®

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