

2013 Corn Grain Top 30 Harvest Report
 Minnesota Southeast [MNSE] MADISON LAKE (b)
 Mike Krenik, Le Sueur County, MN 56063



Test by: IMQ, LLC, New Richland, MN

PREV. CROP/HERB: Soybean / Roundup (twice)
 SOIL DESCRIPTION: LeSueur-Cordova clay loam, mod. well drained, conventional w/ fall till, non-irrigated
 SOIL CONDITION: High P, high K, 6.4 pH, 5.2% OM
 PEST MANAGEMENT: Force, Steadfast, Callisto
 FERTILITY - Applied N: 125 Spring
 Applied N-P-K (units): 125-30-0
 SEEDED - RATE - ROW: Jun 8 35,319 /A 30" spacing
 HARVESTED - STAND: Oct 28 33,500 /A

Early-Season Test
95 - 100 Day CRM
 B2013MNSE15a

Top 30 of 63
 For Gross Income (Sorted by Yield)
 Average of (3) Replications

Company/Brand	Product/Brand†	Technol.†	Seed Treatment†	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Channel	197-68STXRIB	STX,B	AC,P5V	97	203.7	21.4	1	32.1	884	3
Channel	199-29STXRIB	STX,B	AC,P5V	99	202.4	18.9	0	33.5	891	1
Titan Pro	TP 39-00 SS	STX	AC,P5V	100	200.5	17.2	0	29.3	891	2
LG Seeds	LG5499STXRIB	STX,B	AC,P5V	100	197.2	26.2	2	34.4	832	8
Wensman	W 70975VT3PRO	VT3P	AC,P2	97	194.9	18.9	0	32.5	858	4
NuTech/G2 Gen	3F-198AM	AM-R,B	MQ,C2	98	192.3	17.2	0	33.4	855	5
Prairie Brand	1022SX	STX	CM,C1	100	191.3	22.7	0	33.0	824	9
Channel	196-77STXRIB	STX,B	AC,P5V	96	189.3	17.7	0	35.7	839	6
Viking	D37-98RL	STX,B	AC,P2	98	188.4	18.0	0	33.9	834	7
Wensman	W 9288STXRIB	STX,B	AC,P2	98	186.2	23.2	0	34.8	800	13
NuTech	5N-9802	3000GT	MQ,C2	98	185.0	19.4	0	33.5	812	11
Viking	C44-95R	VT3P,B	AC,P2	95	184.0	15.9	0	34.4	824	10
Renk	RK568VT3P	VT3P	AC,P2	95	183.9	21.0	0	34.4	800	14
Wensman	W 7290VT3PRIB	VT3P,B	AC,P2	99	183.0	20.0	3	33.9	801	12
Jung	7S457RIB	STX,B	AC,P5V	98	182.4	21.7	0	34.4	790	16
Gold Country	98-38RSS	STX,B	AC,P5V	98	182.3	20.1	3	32.1	797	15
LG Seeds	LG5470STXRIB	STX,B	AC,P5V	98	182.1	24.0	0	33.9	778	19
LG Seeds	LG2501VT3PRIB	VT3P,B	AC,P5V	100	178.6	20.1	1	34.8	781	18
Mustang	4897GENSS	STX	AC,P2	97	177.9	18.6	0	33.9	785	17
Renk	RK581SSTX	STX	AC,P2	100	177.3	23.9	0	33.4	758	29
Titan Pro	TP 39-98 SS	STX	AC,P5V,Z	98	176.9	21.0	0	33.9	770	23
Titan Pro	2M95-2P	VT2P,B	AC,P2,Z	95	176.2	21.1	0	34.4	766	25
Pioneer	P9834HR GC	HX,RR2	MQ,C2	98	176.0	19.2	0	33.0	774	20
Viking	E52-95R	VT2P,B	AC,P2	95	175.3	20.8	0	32.1	763	26
Jung	7S417RIB	STX,B	AC,P5V	96	174.9	18.1	0	33.5	773	21
Dyna-Gro	D38SS50	STX	P5	98	174.4	18.6	0	35.3	769	24
Pioneer	P9917AMX GC	AMX,B	CM,C2	99	174.1	17.7	0	35.7	772	22
Jung	7S444RIB	STX,B	AC,P5V	97	172.2	19.3	0	33.9	756	30
Titan Pro	1M96-3P	VT3P,B	AC,P2,Z	96	171.5	17.6	0	30.7	761	27
Pioneer	P0062AMX GC	AMX,B	CM,C2	100	169.3	15.6	1	31.6	759	28
Dekalb	DKC50-77RIB CK	VT3P,B	AC,P2	100	164.8	19.7	0	33.5	722	40

Mark Querna

mark.querna@firstseedtests.com, (507) 380-9920

Test Average = **169.7** **20.3** **0** **33.5** **742**
 LSD (0.10) = 34.6 3.1 ns
 C.V. = 15.1 11.2

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Price = \$4.50 Local GMO
 n/a non-GMO

Test Comments: *This was my last site planted in 2013. I planted three different Early-Season tests at this site, as I determined that the Full-Season test would have little value to farmers and seedsmen alike. It was too wet to plant at Dexter and Eyota. This test had some weed escapes and areas of soil saturation that reduced yield. While statistically valid, results are more variable than the (a) test.*

† See last page for footnote information. Dark colored row identifies the check product found in early- and full-season tests. **Bold** yields are significantly above test average. **Italicized** brands exceed the grain moisture limit for this test. **GC** = grower comparison product, **ns** = not significantly different

Additional reports and searchable database available at www.firstseedtests.com

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Report date: 11/2/2013 Revised:

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 PEST MANAGEMENT: Force, Steadfast, Callisto
 FERTILITY - Applied N: 125 Spring
 Applied N-P-K (units): 125-30-0
 SEEDED - RATE - ROW: Jun 8 35,319 /A 30" spacing
 HARVESTED - STAND: Oct 28 /A

Full-Season Test
101 - 104 Day CRM
 B2013MNSE15b

Top 30 of 48
 For Gross Income (Sorted by Yield)
 Average of (3) Replications

Company/Brand	Product/Brand†	Technol.†	Seed Treatment†	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Test not planted due to late planting date										

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Test Average =
 LSD (0.10) =
 C.V. =

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Price = $\frac{\$4.50}{n/a}$ Local GMO non-GMO

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2013 Corn Grain - Minnesota Southeast [MNSE]



Early-Season Test Products (63 Total)

Company/Brand	Product/Brand	Technol.	Seed Trt	RM	Company/Brand	Product/Brand	Technol.	Seed Trt	RM
AgriGold	A6203VT3PRIB	VT3P,B	AC,P5V	97	Prairie Brand	992RA	STX,B	CM,C2	99
AgriGold	A6252STXRIB	STX,B	AC,P5V	100	Producers	5634VT3Pro	VT3P	AC,P5V	96
AgriGold	A6257STXRIB	STX,B	AC,P5V	100	Producers	5898STXRIB	STX,B	AC,P5V	98
Anderson	615R	RR2	M	98	Renk	RK568VT3P	VT3P	AC,P2	95
Anderson	615VT3P	VT3P	CE,C2	98	Renk	RK581SSTX	STX	AC,P2	100
Anderson	689R	RR2	M	95	Renk	RK598SSTX	STX,B	AC,P5V	100
Anderson	689VT3P	VT3P	CE,C2	95	Stine	R9422VT3Pro	VT3P,B	AC,P2	96
Channel	195-58STXRIB	STX,B	AC,P5V	95	Titan Pro	1M96-3P	VT3P,B	AC,P2,Z	96
Channel	196-77STXRIB	STX,B	AC,P5V	96	Titan Pro	2M95-2P	VT2P,B	AC,P2,Z	95
Channel	197-68STXRIB	STX,B	AC,P5V	97	Titan Pro	TP 39-00 SS	STX	AC,P5V	100
Channel	199-29STXRIB	STX,B	AC,P5V	99	Titan Pro	TP 39-98 SS	STX	AC,P5V,Z	98
Dairyland	DS9501SSX	STX	AVC,C2	100	Viking	C44-95R	VT3P,B	AC,P2	95
Dairyland	DS9796	3000GT	CM,C2	96	Viking	D37-98RL	STX,B	AC,P2	98
Dairyland	DS9898RA	STX,B	CM,C2	98	Viking	E52-95R	VT2P,B	AC,P2	95
Dekalb	DKC49-29RIB GC	STX,B	AC,P2	99	Wensman	W 70975VT3PRO	VT3P	AC,P2	97
Dekalb	DKC50-77RIB CK	VT3P,B	AC,P2	100	Wensman	W 7290VT3PRIB	VT3P,B	AC,P2	99
Dyna-Gro	D37SS71	STX	AC,P5V	97	Wensman	W 90967STX	STX	AC,P2	96
Dyna-Gro	D38SS50	STX	P5	98	Wensman	W 9288STXRIB	STX,B	AC,P2	98
Dyna-Gro	D39SS17	STX	AC,P5V	99					
Gold Country	100-95R3P	VT3P,B	AC,P5V	100					
Gold Country	96-60RSS	STX,B	AC,P5V	96					
Gold Country	98-38RSS	STX,B	AC,P5V	98					
Gold Country	99-33RSS	STX,B	AC,P5V	99					
Jung	7S405RIB	STX,B	AC,P5V	95					
Jung	7S417RIB	STX,B	AC,P5V	96					
Jung	7S444RIB	STX,B	AC,P5V	97					
Jung	7S457RIB	STX,B	AC,P5V	98					
LG Seeds	LG2501VT3PRIB	VT3P,B	AC,P5V	100					
LG Seeds	LG5444VT3PRIB	VT3P,B	AC,P5V	96					
LG Seeds	LG5470STXRIB	STX,B	AC,P5V	98					
LG Seeds	LG5499STXRIB	STX,B	AC,P5V	100					
Mustang	4845GENSS	STX	AC,P2	96					
Mustang	4897GENSS	STX	AC,P2	97					
Mustang	5850GENSS	STX	AC,P2	100					
NuTech	5N-9802	3000GT	MQ,C2	98					
NuTech/G2 Gen	3F-198AM	AM-R,B	MQ,C2	98					
NuTech/G2 Gen	5H-399	HX,RR2	MQ,C2	99					
NuTech/G2 Gen	5X-698	HXT,RR2	MQ,P1V,R	98					
NuTech/G2 Gen	5Z-200	OI	MQ,P1V,R	100					
Pioneer	P0062AMX GC	AMX,B	CM,C2	100					
Pioneer	P9834HR GC	HX,RR2	MQ,C2	98					
Pioneer	P9917AMX GC	AMX,B	CM,C2	99					
Prairie Brand	1022SX	STX	CM,C1	100					
Prairie Brand	971RA	STX,B	CM,C2	96					
Prairie Brand	981VT3	VT3	CM,C2	98					

2013 Corn Grain - Minnesota Southeast [MNSE]



Full-Season Test Products (48 Total)

Company/Brand	Product/Brand	Technol.	Seed Trt	RM	Company/Brand	Product/Brand	Technol.	Seed Trt	RM
AgriGold	A6267STX	STX	AC,P5V	102	Wensman	W 7330VT3PRIB	VT3P,B	AC,P2	104
AgriGold	A6319VT3PRIB	VT3P,B	AC,P5V	103	Wensman	W 91011STX	STX	AC,P2	101
AgriGold	A6358VT3Pro	VT3P	AC,P5V	105	Wensman	W 9325STXRIB	STX,B	AC,P2	102
Anderson	537R	RR2	M	101					
Anderson	588VT3P	VT3P	CE,C2	101					
Channel	203-44STXRIB	STX,B	AC,P5V	103					
Dahlman	R50-306SSRIB	STX,B	AC,P5	101					
Dahlman	R51-313SSRIB	STX,B	AC,P5	102					
Dahlman	R52-03VT3PRIB	VT3P,B	AC,P2	103					
Dahlman	R53-319SSRIB	STX,B	AC,P2	105					
Dairyland	DS9604SSX	STX	CM,C2	103					
Dekalb	DKC50-77RIB CK	VT3P,B	AC,P2	100					
Dekalb	DKC53-56RIB GC	STX,B	AC,P5V	103					
Gold Country	101-56RSS	STX,B	AC,P5V	101					
Gold Country	102-88RSS	STX,B	AC,P5V	102					
Gold Country	103-15RSS	STX,B	AC,P5V	103					
Gold Country	105-49RSS	STX,B	AC,P5V	105					
Jung	7S522RIB	STX,B	AC,P5V	101					
Jung	7S565RIB	STX,B	AC,P5V	103					
Jung	7S577RIB	STX,B	AC,P5V	104					
LG Seeds	LG5522VT3PRIB	VT3P,B	AC,P5V	103					
Mustang	6604GENVT3P	VT3P	AC,P2	104					
Mustang	6803GENSS	STX	AC,P2	103					
NuTech	5N-001	3000GT	MQ,C2	101					
NuTech	5N-803	3000GT	MQ,C2	101					
NuTech/G2 Gen	3D-802AMX	AMX-R,B	MQ,C2	102					
NuTech/G2 Gen	5H-202	HX,RR2	MQ,C2	102					
NuTech/G2 Gen	5H-502	HX,RR2	MQ,C2	102					
NuTech/G2 Gen	5Z-0105	OI	MQ,P1V,R	101					
Producers	6108STXRIB	STX,B	AC,P5V	101					
Producers	6394VT3Pro	VT3P	AC,P5V	103					
Renk	RK629VT3P	VT3P	AC,P2	102					
Renk	RK633SSTX	STX	AC,P2	101					
Renk	RK666SSTX	STX	AC,P2	102					
Stine	9425SS	STX	AC,P2	102					
Titan Pro	2M01-3P	VT3P,B	AC,P1V	101					
Titan Pro	2M04-2P	VT2P,B	AC,P2,Z	104					
Titan Pro	TP 35-01 2P	VT2P	AC,P2,Z	101					
Titan Pro	TP 39-02 SS	STX	AC,P5V,Z	102					
Trelay	5ST932RIB	STX,B	AC,P5V	102					
Trelay	6ST541RIB	STX,B	AC,P5V	104					
Viking	C78-05R	VT3P,B	AC,P2	105					
Viking	D41-03RL	STX,B	AC,P2	103					
Viking	D81-01RL	STX,B	AC,P2	101					
Wensman	W 7320VT3PRIB	VT3P,B	AC,P2	101					

Footnotes and Abbreviation Descriptions

Brand Footnotes

^	G2® brand seed is distributed by NuTech Seed, LLC. HPT® brand seed is distributed by Hoegemeyer Hybrids, Inc. RPM® brand seed is distributed by Doebler's PA Hybrids, Inc. Supreme EX® brand seed is distributed by Seed Consultants, Inc. VPMaXX® brand seed is distributed by AgVenture, Inc. XL® and Phoenix® brand seed is distributed by Beck's Superior Hybrids. Curry®, G2®, HPT®, RPM®, Supreme EX®, VPMaXX® and XL® are registered trademarks of DuPont Pioneer.
CK	Identifies a check product included in early- and full-season tests.
GC	Grower Comparison product included by F.I.R.S.T. when space permits.

Corn Technologies*

3000GT	Agrisure® 3000GT (CB,RW,LL,GT)	GT/CB/LL	Agrisure® GT/CB/LL
3011A	Agrisure® Artesian® (CB,RW,LL,GT)	HX	Herculex® 1, contains LL
3110	Agrisure® Viptera® 3110 (Vip, CB,LL,GT)	HX,RR2	Herculex® 1, Roundup Ready 2 Corn
3111	Agrisure® Viptera® 3111 (Vip,CB,RW,LL,GT)	HXRW	Herculex® rootworm, contains LL
3122	Agrisure® 3122 (CB,HXX,RW,LL,GT)	HXT	Herculex® Xtra (HX,HXRW,LL)
3220	Agrisure® Viptera® 3220 (Vip,CB,HX,LL,GT)	HXT,RR2	Herculex® Xtra, Roundup Ready 2 Corn
AM	Optimum® AcreMax® (YGCB,HX,LL,RR2)	LL	LibertyLink®
AM-R	Optimum® AcreMax® (YGCB,HX,RR2)	None	conventional corn
AM1	Optimum® AcreMax®1 (HXT,LL,RR2)	OI	Optimum® Intrasect® (YGCB,HX,LL,RR2)
AMRW	Optimum® AcreMax® Rootworm (HXRW,LL,RR2)	OIX	Optimum® Intrasect® Xtra (YGCB,HXT,LL,RR2)
AMRW-R	Optimum® AcreMax® Rootworm (HXRW,RR2)	OIXT	Optimum® Intrasect® Xtreme (YGCB,HXT,RW,LL,RR2)
AMX	Optimum® AcreMax® Xtra (YGCB,HXT,LL,RR2)	OT	Optimum® TRIssect® (HX,RW,LL,RR2)
AMX-R	Optimum® AcreMax® Xtra (YGCB,HXT,RR2)	RR2	Roundup Ready® 2 Corn
AMXT	Optimum® AcreMax® Xtreme (YGCB,HXT,LL,RR2)	STX	SmartStax® (VT3P,HXX)
B	Blended seed (i.e. refuge blend)	VT2P	Genuity® VT Double Pro®
CB/LL	Agrisure® CB/LL	VT3	YieldGard VT Triple®
CB/LL/RW	Agrisure® CB/LL/RW	VT3P	Genuity® VT Triple Pro®
GT	Agrisure® GT	YGCB	YieldGard® Corn Borer

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

Corn Seed Treatments**

?	information not provided	MQ	Maxim Quattro®
A	Allegiance®	None	untreated
AC	Acceleron® fungicide products	P2, P5, P1	Poncho® at 0.25, 0.5 and 1.25 mg ai/seed, respectively
AVC	Avicta® Complete Corn	R	Raxil® (tebuconazole)
C2, C5, C1	Cruiser® at 0.25, 0.5 and 1.25 mg ai/seed, respectively	SStd	SureStand™
CE	Cruiser Extreme®	St	Stamina® (pyraclostrobin)
CM	CruiserMaxx® Corn	T	Trilex® (trifloxystrobin)
D	Dynasty® (azoxystrobin)	V	Votivo®
Es	Escalate®	Z	zinc
M	Maxim XL®		

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