

2013 Corn Grain Top 30 Harvest Report
 Minnesota Southeast [MNSE] CANNON FALLS
 Marc Hernke, Goodhue County, MN 55009



Test by: IMQ, LLC, New Richland, MN

PREV. CROP/HERB: Soybean / Roundup
 SOIL DESCRIPTION: Port Byron-Joy silty clay loam, mod. well drained, minimum w/o fall till, non-irrigated
 SOIL CONDITION: High P, high K, 6.9 pH, 3.1% OM
 PEST MANAGEMENT: Force, Roundup, Callisto
 FERTILITY - Applied N: 200 Fall
 Applied N-P-K (units): 200-210-170
 SEEDED - RATE - ROW: May 31 35,319 /A 30" spacing
 HARVESTED - STAND: Nov 3 33,500 /A

Early-Season Test
95 - 100 Day CRM
 B2013MNSE13a

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
LG Seeds	LG5470STXRIB	STX,B	AC,P5V	98	227.2	28.3	0	33.9	947	5
Titan Pro	TP 39-00 SS	STX	AC,P5V	100	226.5	27.9	0	33.5	946	6
AgriGold	A6257STXRIB	STX,B	AC,P5V	100	226.1	28.0	0	35.3	944	8
Producers	5898STXRIB	STX,B	AC,P5V	98	225.7	28.7	0	32.1	938	12
Channel	199-29STXRIB	STX,B	AC,P5V	99	225.6	26.7	0	33.9	949	3
Channel	196-77STXRIB	STX,B	AC,P5V	96	225.4	26.8	0	31.6	948	4
Gold Country	98-38RSS	STX,B	AC,P5V	98	224.7	27.3	0	32.5	942	9
Titan Pro	2M95-2P	VT2P,B	AC,P2,Z	95	224.4	24.9	0	32.1	954	1
Producers	5634VT3Pro	VT3P	AC,P5V	96	224.4	25.5	0	32.1	951	2
LG Seeds	LG5499STXRIB	STX,B	AC,P5V	100	224.0	29.1	0	31.6	929	18
Channel	197-68STXRIB	STX,B	AC,P5V	97	222.6	29.0	0	36.2	924	22
Renk	RK598SSTX	STX,B	AC,P5V	100	221.4	26.1	0	33.4	935	14
Wensman	W 70975VT3PRO	VT3P	AC,P2	97	221.2	25.1	0	32.5	940	11
Mustang	4897GENSS	STX	AC,P2	97	221.1	24.5	0	32.1	942	10
Jung	7S457RIB	STX,B	AC,P5V	98	220.3	26.1	0	33.4	930	17
Viking	E52-95R	VT2P,B	AC,P2	95	220.1	26.2	0	35.7	929	19
Jung	7S405RIB	STX,B	AC,P5V	95	219.5	27.1	0	31.6	921	24
Viking	D37-98RL	STX,B	AC,P2	98	218.9	23.7	0	33.9	937	13
Renk	RK568VT3P	VT3P	AC,P2	95	218.9	25.4	0	34.8	928	21
Dekalb	DKC49-29RIB GC	STX,B	AC,P2	99	218.6	26.3	0	32.5	922	23
Wensman	W 7290VT3PRIB	VT3P,B	AC,P2	99	217.8	24.1	0	33.0	931	16
Gold Country	100-95R3P	VT3P,B	AC,P5V	100	217.0	27.0	0	35.3	911	29
LG Seeds	LG5444VT3PRIB	VT3P,B	AC,P5V	96	216.4	22.1	0	34.4	935	15
Titan Pro	1M96-3P	VT3P,B	AC,P2,Z	96	215.1	22.3	0	33.4	929	20
LG Seeds	LG2501VT3PRIB	VT3P,B	AC,P5V	100	214.9	23.9	0	33.9	919	26
Anderson	615VT3P	VT3P	CE,C2	98	214.3	24.8	0	34.8	912	28
NuTech/G2 Gen	3F-198AM	AM-R,B	MQ,C2	98	214.1	23.9	0	34.8	916	27
Channel	195-58STXRIB	STX,B	AC,P5V	95	214.0	22.9	0	33.0	921	25
Jung	7S444RIB	STX,B	AC,P5V	97	214.0	24.9	0	35.3	910	30
Dyna-Gro	D37SS71	STX	AC,P5V	97	213.9	25.2	0	30.7	908	31
Dekalb	DKC50-77RIB CK	VT3P,B	AC,P2	100	222.7	25.2	0	35.3	945	7

Mark Querna

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Test Average = **211.8** **25.6** **0** **33.5** **897**
 LSD (0.10) = 11.1 1.2 1
 C.V. = 3.9 3.4

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

Test Comments: *12 inches of snow on May 2nd, along with persistent spring rains, delayed planting here. I have never planted into more saturated soil conditions, yet this site had uniform emergence and looked great in late June. Rains continued until early July. Killing frost on Oct 20th was late enough for corn to reach black layer. Grain moistures here were higher than many other sites, but quality was quite good.*

† 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

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 SOIL CONDITION: High P, high K, 6.9 pH, 3.1% OM
 PEST MANAGEMENT: Force, Roundup, Callisto
 FERTILITY - Applied N: 200 Fall
 Applied N-P-K (units): 200-210-170
 SEEDING - RATE - ROW: May 31 35,319 /A 30" spacing
 HARVESTED - STAND: Nov 3 33,400 /A

Full-Season Test
101 - 104 Day CRM
 B2013MNSE13b

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
Titan Pro	2M04-2P	VT2P,B	AC,P2,Z	104	239.8	30.5	0	34.8	986	3
Gold Country	102-88RSS	STX,B	AC,P5V	102	239.1	29.3	0	32.1	990	2
AgriGold	A6319VT3PRIB	VT3P,B	AC,P5V	103	238.4	28.0	0	35.3	995	1
Trelay	5ST932RIB	STX,B	AC,P5V	102	237.2	29.9	0	32.1	979	4
Dekalb	DKC53-56RIB GC	STX,B	AC,P5V	103	235.6	29.0	0	34.4	978	5
Renk	RK666SSTX	STX	AC,P2	102	235.5	29.8	0	33.9	973	6
Jung	7S522RIB	STX,B	AC,P5V	101	234.3	29.8	0	34.8	968	7
Titan Pro	2M01-3P	VT3P,B	AC,P1V	101	225.7	26.0	0	33.5	954	9
Producers	6108STXRIB	STX,B	AC,P5V	101	223.6	29.7	0	32.5	924	12
NuTech/G2 Gen	5Z-0105	OI	MQ,P1V,R	101	222.9	25.8	1	32.1	943	10
Trelay	6ST541RIB	STX,B	AC,P5V	104	222.4	28.4	0	34.8	926	11
Dahlman	R51-313SSRIB	STX,B	AC,P5	102	222.4	29.9	0	31.6	918	14
Wensman	W 9325STXRIB	STX,B	AC,P2	102	219.9	30.5	0	31.1	904	22
Titan Pro	TP 39-02 SS	STX	AC,P5V,Z	102	219.6	29.8	0	33.9	907	18
Viking	C78-05R	VT3P,B	AC,P2	105	218.5	26.5	0	33.0	920	13
Producers	6394VT3Pro	VT3P	AC,P5V	103	218.5	27.1	0	31.6	917	15
Dahlman	R53-319SSRIB	STX,B	AC,P2	105	218.3	31.8	0	33.5	891	29
AgriGold	A6267STX	STX	AC,P5V	102	218.0	30.4	0	33.0	897	27
Jung	7S577RIB	STX,B	AC,P5V	104	217.1	27.8	0	33.5	907	19
Wensman	W 7320VT3PRIB	VT3P,B	AC,P2	101	216.8	28.1	0	31.1	905	21
Gold Country	105-49RSS	STX,B	AC,P5V	105	216.1	28.6	0	32.5	899	25
Dahlman	R52-03VT3PRIB	VT3P,B	AC,P2	103	215.9	25.9	0	33.5	913	16
Dairyland	DS9604SSX	STX	CM,C2	103	215.9	28.1	0	33.9	901	24
Viking	D81-01RL	STX,B	AC,P2	101	215.7	26.8	0	33.5	907	20
Renk	RK629VT3P	VT3P	AC,P2	102	214.0	27.0	0	33.5	899	26
Viking	D41-03RL	STX,B	AC,P2	103	213.8	30.2	0	30.2	881	31
Mustang	6604GENVT3P	VT3P	AC,P2	104	213.3	26.7	0	32.5	897	28
Anderson	537R	RR2	M	101	213.0	24.1	0	32.1	910	17
Gold Country	101-56RSS	STX,B	AC,P5V	101	213.0	28.2	0	32.5	888	30
Dahlman	R50-306SSRIB	STX,B	AC,P5	101	211.6	24.1	0	34.4	904	23
Dekalb	DKC50-77RIB CK	VT3P,B	AC,P2	100	227.6	25.4	0	35.8	965	8

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Test Average = **215.2** **27.8** **0** **33.4** **899**
 LSD (0.10) = 12.6 1.0 1
 C.V. = 4.3 2.8

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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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					

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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.