

# 2014 Corn Grain Top 30 Harvest Report

Minnesota Southeast [ MNSE ] DEXTER  
Eric Lee, Mower County, MN 55926



Test by: IMQ, LLC, New Richland, MN

PREV. CROP/HERB: Soybean / Warrant, Roundup Weathermax, Intensity One  
SOIL DESCRIPTION: Readlyn silt loam, well drained, minimum w/o fall till, non-irrigated  
SOIL CONDITION: High P, high K, 6.6 pH, 6.5% OM  
PEST MANAGEMENT: Force, SureStart, Status  
FERTILITY - Applied N: 130 Fall, 10 Spring  
Applied N-P-K (units): 140-25-150  
SEEDED - RATE - ROW: May 17 35,300 /A 30" spacing  
HARVESTED - STAND: Oct 29 33,400 /A

**Early-Season Test**  
**95 - 100 Day CRM**  
B2014MNSE14a

**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
Titan Pro	TP 30-96	None	CM,C2	96	<b>222.8</b>	15.8	0	33.0	686	1
Channel	197-68STXRIB	STX,B	AC,P5V	97	<b>220.9</b>	17.2	0	34.4	673	5
LG Seeds	LG5499STXRIB	STX,B	AC,P5V	100	220.5	18.8	0	33.9	663	11
LG Seeds	LG5470STXRIB	STX,B	AC,P5V	98	220.3	17.4	0	34.9	670	7
Wensman	W 90967STXRIB	STX,B	AC,P5V	96	220.2	16.4	0	31.6	675	3
Channel	199-29STXRIB	STX,B	AC,P5V	99	219.7	16.2	0	35.3	674	4
Dekalb	DKC48-12RIB GC	STX,B	AC,P5V	98	219.3	15.5	0	32.5	677	2
Dyna-Gro	D37SS60	STX	AC,P5V	97	218.9	17.0	0	34.4	668	8
Wensman	W 70975VT3PRIB	VT3P,B	AC,P5V	97	218.5	16.1	0	35.3	671	6
Rob-See-Co	Innotech IC4903^	3111A	CM,C2	99	216.3	16.2	0	32.1	664	9
Wyffels	W1698RIB	STX,B	AC,P5V	97	216.1	16.1	0	34.4	664	10
Gold Country	99-52RSS	STX,B	AC,P5V	99	215.3	16.5	0	34.4	659	13
Wensman	W 9288STXRIB	STX,B	AC,P5V	98	215.0	17.5	0	34.9	653	17
Gold Country	95-33R3P	VT3P,B	AC,P5V	95	213.8	15.5	0	31.7	660	12
AgriGold	A6257STXRIB	STX,B	AC,P5V	100	212.7	17.2	0	34.9	648	21
Anderson	689R	RR2	M,D,At	95	212.6	15.3	0	33.5	657	14
Viking	51-95N	None	CM,C2	95	212.4	15.5	0	32.5	656	15
Renk	RK568VT3P	VT3P,B	AC,P2	95	212.4	16.4	0	34.9	651	18
Pioneer	P9917 GC	None	MQ,C2	99	212.2	15.4	0	35.3	656	16
Gold Country	98-38RSS	STX,B	AC,P5V	98	211.2	16.7	0	34.4	646	22
Spectrum	4655	None	CM,C2,St	96	211.0	15.9	0	31.6	649	19
Rob-See-Co	Innotech IC4654^	3111	CM,C2	96	210.4	15.7	0	32.5	649	20
LG Seeds	LG5460STX	STX	AC,P5V	97	208.3	16.6	0	33.5	637	24
Titan Pro	TP 30-99	None	CM,C2	99	207.8	15.7	0	35.8	641	23
Dahlman	R47-35VT3PRIB	VT3P,B	AC,P2	94	207.5	16.5	0	33.5	635	25
Prairie Brand	992RA	STX,B	CM,C2	100	207.1	17.3	0	33.0	630	28
Wensman	W 90979STX	STX	AC,P5V	97	206.2	16.5	0	35.3	631	27
AgriGold	A6202VT3PRIB	VT3P,B	AC,P5V	96	206.0	16.6	0	33.5	630	29
Wyffels	W2308	STX	AC,P5V	100	205.7	17.0	0	33.5	627	30
NuTech/G2 Gen	5Y-196^	OIX	MQ,P1V,R	96	204.2	15.2	0	33.9	632	26
Dekalb	DKC49-29RIB CK	STX,B	AC,P5V	99	199.1	16.8	0	32.6	608	46

Mark Querna

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

Test Average = **204.8** **16.4** **0** **33.4** **628**

LSD (0.10) = 15.8 0.6 1

LSD (0.25) = 11.0 0.4 1

C.V. = 5.7 2.8

**Yield & Income Factors:** Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Price =  $\frac{\$3.10}{\$3.10}$  Local GMO non-GMO

**Test Comments:** *A wet spring delayed planting here, but conditions were quite good when it was finally planted. The wet June that affected most of southern MN also saturated this site. July and August were a bit drier than hoped, and a Sept 13 frost lowered yield potential of pre-black layered hybrids. A September hail event caused minimal damage here. Eric reported 6% damage to some corn fields.*

† 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

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Report date: 10/31/2014 Revised:

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PREV. CROP/HERB: Soybean / Warrant, Roundup Weathermax, Intensity One  
SOIL DESCRIPTION: Readlyn silt loam, well drained, minimum w/o fall till, non-irrigated  
SOIL CONDITION: High P, high K, 6.6 pH, 6.5% OM  
PEST MANAGEMENT: Force, SureStart, Status  
FERTILITY - Applied N: 130 Fall, 10 Spring  
Applied N-P-K (units): 140-25-150  
SEEDED - RATE - ROW: May 17 35,300 /A 30" spacing  
HARVESTED - STAND: Oct 29 32,900 /A

**Full-Season Test**  
**101 - 104 Day CRM**  
B2014MNSE14b

**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
Dekalb	DKC54-38RIB GC	STX,B	AC,P5V	104	<b>233.1</b>	13.9	0	33.0	723	1
Latham	LH5215VT2PRORIB	VT2P,B	AC,P2	102	<b>226.7</b>	19.8	0	33.9	676	2
LG Seeds	LG5502STX	STX	AC,P5V	102	<b>219.1</b>	17.6	0	33.9	665	3
NuTech/G2 Gen	5Z-002^	OI	MQ,P1V,R	102	215.6	17.1	0	33.5	657	4
Dekalb	DKC53-56RIB GC	STX,B	AC,P5V	103	212.1	18.8	0	33.0	637	8
Channel	201-39STXRIB	STX,B	AC,P5V	101	210.5	17.5	0	34.9	639	5
Gold Country	102-88RSS	STX,B	AC,P5V	102	209.7	17.6	0	34.4	636	9
Wensman	W 91051STX	STX	AC,P5V	105	209.6	18.6	0	33.9	631	13
Dahlman	R51-313SSRIB	STX,B	AC,P2	102	209.2	17.1	0	31.2	638	6
Viking	57-01N	None	CM,C2	101	208.6	16.7	0	34.4	638	7
Titan Pro	TP 40-00	None	CM,C2	100	208.3	16.9	0	33.9	636	10
Channel	202-64STXRIB	STX,B	AC,P5V	102	208.1	17.1	0	33.5	634	11
Wensman	W 9325STXRIB	STX,B	AC,P5V	102	208.1	19.2	0	31.6	623	17
Dahlman	R53-319SSRIB	STX,B	AC,P2	105	207.2	20.2	0	32.5	615	19
Wensman	W 7320VT3PRIB	VT3P,B	AC,P5V	101	207.0	16.7	0	28.4	633	12
Latham	LH5219SSRIB	STX,B	AC,P5V	102	205.7	19.0	0	33.9	617	18
Pfister	2399GT3000	3000GT	CM,C2	104	205.5	17.5	0	33.9	624	15
NuTech/G2 Gen	5H-502^	HX,RR2	MQ,P5V	102	204.5	17.0	0	33.5	624	16
Pioneer	36V52 GC	None	MQ,C2	102	204.0	16.2	0	32.5	626	14
LG Seeds	LG5518STXRIB	STX,B	AC,P5V	104	203.3	18.3	0	31.6	613	21
Prairie Hybrids	2730	None	M,D,L	102	202.9	17.9	0	33.5	614	20
Wyffels	W3358	STX	AC,P5V	103	202.1	17.9	0	34.9	612	22
Prairie Brand	X1458SX	STX	CM,C2	102	200.9	18.2	0	31.6	607	25
Titan Pro	TP 40-03	None	CM,C2	103	200.8	17.5	0	31.6	610	23
AgriGold	A6351STX	STX	AC,P5V	105	200.6	18.9	0	33.0	602	30
NK Brand	N45P-3011A GC	3011A	AVC,C5	101	200.5	17.6	0	30.3	609	24
Renk	RK629VT3P	VT3P,B	AC,P2	101	200.2	18.2	0	32.6	605	28
Anderson	588VT3P	VT3P	CE,C2	101	199.6	17.3	0	33.9	607	26
Wensman	W 91011STXRIB	STX,B	AC,P5V	101	199.3	17.4	0	32.1	606	27
Latham	LH5466VT3PRORIB	VT3P,B	AC,P2	104	196.6	16.3	0	34.9	603	29
Dekalb	DKC49-29RIB CK	STX,B	AC,P5V	99	188.6	16.5	0	32.6	578	49

Mark Querna  
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Test Average = **197.4** 17.7 0 **32.9** **599**  
LSD (0.10) = 21.0 2.0 2  
LSD (0.25) = 14.7 1.4 2  
C.V. = 7.9 8.3

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Price =  $\frac{\$3.10}{\$3.10}$  Local GMO non-GMO

**Test Comments:** A wet spring delayed planting here, but conditions were quite good when it was finally planted. The wet June that affected most of southern MN also saturated this site. July and August were a bit drier than hoped, and a Sept 13 frost lowered yield potential of pre-black layered hybrids. A September hail event caused minimal damage here. Eric reported 6% damage to some corn fields.

† 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

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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	A620VT3PRIB	VT3P,B	AC,P5V	96	Renk	RK581SSTX	STX,B	AC,P2	100
AgriGold	A6217STX	STX	AC,P5V	97	Renk	RK605SSTX	STX	AC,P2	100
AgriGold	A6257STXRIB	STX,B	AC,P5V	100	Rob-See-Co	Innotech IC4654^	3111	CM,C2	96
Anderson	6226	None	M,D,At	98	Rob-See-Co	Innotech IC4903^	3111A	CM,C2	99
Anderson	689R	RR2	M,D,At	95	Spectrum	4655	None	CM,C2,St	96
Anderson	689VT3P	VT3P	CE,C2	95	Titan Pro	TP 30-96	None	CM,C2	96
Anderson	7902	None	M,D,At	95	Titan Pro	TP 30-99	None	CM,C2	99
Channel	196-77STXRIB	STX,B	AC,P5V	96	Titan Pro	TP 39-00 SS	STX,B	AC,P5V	100
Channel	197-68STXRIB	STX,B	AC,P5V	97	Titan Pro	TP 39-98 SS	STX,B	AC,P5V	98
Channel	199-29STXRIB	STX,B	AC,P5V	99	Viking	51-95N	None	CM,C2	95
Dahlman	R47-35VT3PRIB	VT3P,B	AC,P2	94	Viking	C44-95R	VT3P,B	AC,P2	95
Dahlman	R49-312SSRIB	STX,B	AC,P5V	98	Viking	D37-98RL	STX,B	AC,P5V	98
Dairyland	DS9900SSX	STX	CM,C2	99	Wensman	W 70975VT3PRIB	VT3P,B	AC,P5V	97
Dekalb	DKC48-12RIB GC	STX,B	AC,P5V	98	Wensman	W 90967STXRIB	STX,B	AC,P5V	96
Dekalb	DKC49-29RIB CK	STX,B	AC,P5V	99	Wensman	W 90979STX	STX	AC,P5V	97
Dyna-Gro	D37SS60	STX	AC,P5V	97	Wensman	W 9288STXRIB	STX,B	AC,P5V	98
Dyna-Gro	D39VP14	VT3P	AC,P5V	99	Wyffels	W1698RIB	STX,B	AC,P5V	97
Gold Country	95-33R3P	VT3P,B	AC,P5V	95	Wyffels	W2308	STX	AC,P5V	100
Gold Country	97-65RSS	STX,B	AC,P5V	97					
Gold Country	98-38RSS	STX,B	AC,P5V	98					
Gold Country	99-52RSS	STX,B	AC,P5V	99					
Latham	LH4645VT2PRORIB	VT2P,B	AC,P5V	96					
Latham	LH4859SSRIB	STX,B	AC,P5V	98					
Latham	LH4955VT2PRORIB	VT2P,B	AC,P5V	99					
Latham	LH5096VT3PRORIB	VT3P,B	AC,P2	100					
LG Seeds	LG5460STX	STX	AC,P5V	97					
LG Seeds	LG5470STXRIB	STX,B	AC,P5V	98					
LG Seeds	LG5499STXRIB	STX,B	AC,P5V	100					
NuTech	5V-195	3111	CM,C2	95					
NuTech/G2 Gen	5F-198^	AM,B	MQ,P5V	98					
NuTech/G2 Gen	5F-399^	AM,B	MQ,P5V	99					
NuTech/G2 Gen	5X-698^	HXT,RR2,AC	MQ,P5V	98					
NuTech/G2 Gen	5Y-196^	OIX	MQ,P1V,R	96					
Pfister	1695RA	STX,B	CM,C2	95					
Pfister	1740SS	STX	AC,P5	98					
Pfister	1780RA	STX,B	CM,C2	98					
Pfister	1785GT3000	3000GT	CM,C2	100					
Pioneer	P9917 GC	None	MQ,C2	99					
Prairie Brand	1022RA	STX,B	CM,C2	101					
Prairie Brand	4995SX	STX	CM,C2	99					
Prairie Brand	992RA	STX,B	CM,C2	100					
Prairie Hybrids	353	None	M,D,L	96					
Prairie Hybrids	EX7247	None	M,D,L	101					
Renk	RK557SSTX	STX,B	AC,P2	95					
Renk	RK568VT3P	VT3P,B	AC,P2	95					

2014 Corn Grain - Minnesota Southeast [ MNSE ]



**Full-Season Test Products (63 Total)**

Company/Brand	Product/Brand	Technol.	Seed Trt	RM	Company/Brand	Product/Brand	Technol.	Seed Trt	RM
AgriGold	A6267STXRIB	STX,B	AC,P5V	102	Renk	RK629VT3P	VT3P,B	AC,P2	101
AgriGold	A6300STX	STX	AC,P5V	103	Renk	RK633SSTX	STX,B	AC,P2	101
AgriGold	A6351STX	STX	AC,P5V	105	Renk	RK666SSTX	STX,B	AC,P2	102
Anderson	588VT3P	VT3P	CE,C2	101	Rob-See-Co	Innotech IC5112^	3011A	CM,C2	101
Anderson	6073	None	M,D,At	101	Spectrum	5285	None	CM,C2	102
Anderson	622SRC	STX,B	AC,P2	100	Titan Pro	1018	None	CM,C2	101
Channel	201-39STXRIB	STX,B	AC,P5V	101	Titan Pro	TP 39-02 SS	STX,B	AC,P5V	102
Channel	202-64STXRIB	STX,B	AC,P5V	102	Titan Pro	TP 40-00	None	CM,C2	100
Channel	203-88STXRIB	STX,B	AC,P5V	103	Titan Pro	TP 40-03	None	CM,C2	103
Dahlman	R51-313SSRIB	STX,B	AC,P2	102	Viking	57-01N	None	CM,C2	101
Dahlman	R53-319SSRIB	STX,B	AC,P2	105	Viking	60-01N	None	CM,C2	101
Dekalb	DKC49-29RIB CK	STX,B	AC,P5V	99	Viking	72-04N	None	CM,C2	104
Dekalb	DKC53-56RIB GC	STX,B	AC,P5V	103	Wensman	W 7320VT3PRIB	VT3P,B	AC,P5V	101
Dekalb	DKC54-38RIB GC	STX,B	AC,P5V	104	Wensman	W 91011STXRIB	STX,B	AC,P5V	101
Dyna-Gro	D41SS71	STX	AC,P5V	101	Wensman	W 91051STX	STX	AC,P5V	105
Dyna-Gro	D42SS42	STX	AC,P5V	102	Wensman	W 9325STXRIB	STX,B	AC,P5V	102
Gold Country	102-88RSS	STX,B	AC,P5V	102	Wyffels	W2888RIB	STX,B	AC,P5V	102
Gold Country	105-49RSS	STX,B	AC,P5V	105	Wyffels	W3358	STX	AC,P5V	103
Latham	LH5145VT2PRODGRIB	VT2P,DG,B	AC,P5V	101					
Latham	LH5215VT2PRORIB	VT2P,B	AC,P2	102					
Latham	LH5219SSRIB	STX,B	AC,P5V	102					
Latham	LH5466VT3PRORIB	VT3P,B	AC,P2	104					
LG Seeds	LG5502STX	STX	AC,P5V	102					
LG Seeds	LG5518STXRIB	STX,B	AC,P5V	104					
NK Brand	N45P-3011A GC	3011A	AVC,C5	101					
NK Brand	N49W-3000GT GC	3000GT	AVC,C5	102					
NuTech	5N-803	3000GT	CM,C2	101					
NuTech/G2 Gen	5F-200^	AM,AQ,B	MQ,P5V	100					
NuTech/G2 Gen	5H-502^	HX,RR2	MQ,P5V	102					
NuTech/G2 Gen	5L-802^	AMXT,B	MQ,P5V	102					
NuTech/G2 Gen	5Z-002^	OI	MQ,P1V,R	102					
Pfister	2225RA	STX,B	CM,C2	102					
Pfister	2313RA	STX,B	CM,C2	104					
Pfister	2399GT3000	3000GT	CM,C2	104					
Pioneer	36V52 GC	None	MQ,C2	102					
Pioneer	P0392AMX GC	AMX,B	MQ,C2	103					
Pioneer	P0448 GC	None	MQ,C2	104					
Prairie Brand	5065GT3	3000GT	CM,C2	100					
Prairie Brand	5495SX	STX	CM,C2	104					
Prairie Brand	5785SX	STX	CM,C2	107					
Prairie Brand	X1458SX	STX	CM,C2	102					
Prairie Hybrids	2554	None	M,D,L	103					
Prairie Hybrids	2730	None	M,D,L	102					
Prairie Hybrids	3074	None	M,D,L	104					
Prairie Hybrids	3104	None	M,D,L	104					

## 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 FIRST when space permits.

### Corn Technologies\*

3000GT	Agrisure® 3000GT (CB,RW,LL,GT)	DG	Genuity® DroughtGard®
3011A	Agrisure® Artesian® (CB,RW,LL,GT)	GT	Agrisure® GT
3110	Agrisure® Viptera® 3110 (Vip, CB,LL,GT)	GT/CB/LL	Agrisure® GT/CB/LL
3111	Agrisure® Viptera® 3111 (Vip,CB,RW,LL,GT)	HX	Herculex® 1, contains LL
3122	Agrisure® 3122 (CB,HXX,RW,LL,GT)	HX,RR2	Herculex® 1, Roundup Ready 2 Corn
3220	Agrisure® Viptera® 3220 (Vip,CB,HX,LL,GT)	HXRW	Herculex® Rootworm, contains LL
5122	Agrisure® Duracade® 5122 (CB,HX,RW,RW2,LL,GT)	HXT	Herculex® Xtra (HX,HXRW,LL)
5222	Agrisure® Duracade® 5122 (Vip,CB,HX,RW,RW2,LL,GT)	HXT,RR2	Herculex® Xtra, Roundup Ready 2 Corn
A	Agrisure® Artesian®	LL	LibertyLink®
AM	Optimum® AcreMax® (YGCB,HX,LL,RR2)	None	conventional corn
AM-R	Optimum® AcreMax® (YGCB,HX,RR2)	OI	Optimum® Intrasect® (YGCB,HX,LL,RR2)
AM1	Optimum® AcreMax®1 (HXT,LL,RR2)	OIX	Optimum® Intrasect® Xtra (YGCB,HXT,LL,RR2)
AMRW	Optimum® AcreMax® Rootworm (HXRW,LL,RR2)	OIXT	Optimum® Intrasect® Xtreme (YGCB,HXT,RW,LL,RR2)
AMRW-R	Optimum® AcreMax® Rootworm (HXRW,RR2)	OL	Optimum® Leptra® (Vip,YGCB,HX,LL,RR2)
AMX	Optimum® AcreMax® Xtra (YGCB,HXT,LL,RR2)	OT	Optimum® TRIsect® (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)
AQ	Optimum® AQUAmax®	VT2P	Genuity® VT Double PRO®
B	Blended seed (i.e. refuge blend)	VT3	YieldGard VT Triple®
CB/LL	Agrisure® CB/LL	VT3P	Genuity® VT Triple PRO®
CB/LL/RW	Agrisure® CB/LL/RW	YGCB	YieldGard® Corn Borer

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

### Corn Seed Treatments\*\*

A	Allegiance®	L	Lorsban®
AC	Accelaron® fungicide products	M	Maxim XL®
At	Actellic®	MQ	Maxim Quattro®
AVC	Avicta® Complete Corn	None	untreated
C2, C5, C1	Cruiser® at 0.25, 0.5 and 1.25 mg ai/seed, respectively	P2, P5, P1	Poncho® at 0.25, 0.5 and 1.25 mg ai/seed, respectively
CE	Cruiser Extreme®	R	Raxil® (tebuconazole)
CM	CruiserMaxx® Corn	St	Stamina® (pyraclostrobin)
D	Dynasty® (azoxystrobin)	V	Votivo®
Es	Escalate®	Z	zinc

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