

2014 Corn Grain Top 30 Harvest Report
 Minnesota Southeast [MNSE] NEW RICHLAND
 Leon Schoenrock, Waseca County, MN 56072



PREV. CROP/HERB: Soybean / Roundup
 SOIL DESCRIPTION: Nicollet-Webster clay loam, mod. well drained, conventional w/o fall till, non-irrigated
 SOIL CONDITION: High P, high K, 6.3 pH, 5.1% OM
 PEST MANAGEMENT: Force, Dual II Magnum, Capreno
 FERTILITY - Applied N: 10 Fall, 140 Spring
 Applied N-P-K (units): 150-60-60
 SEEDED - RATE - ROW: May 5 35,300 /A 30" spacing
 HARVESTED - STAND: Oct 23 30,900 /A

Early-Season Test
95 - 100 Day CRM
 B2014MNSE18a

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	208.9	17.8	0	33.9	633	2
Dahlman	R47-35VT3PRIB	VT3P,B	AC,P2	94	208.2	16.4	0	33.0	638	1
Viking	51-95N	None	CM,C2	95	205.0	17.1	0	30.3	625	3
Wyffels	W1698RIB	STX,B	AC,P5V	97	199.3	17.8	0	31.6	604	5
Prairie Hybrids	353	None	M,D,L	96	199.3	18.4	0	33.5	601	6
Pioneer	P9917 GC	None	MQ,C2	99	199.0	17.4	0	31.2	605	4
Prairie Brand	992RA	STX,B	CM,C2	100	198.8	18.8	0	33.0	597	9
LG Seeds	LG5460STX	STX	AC,P5V	97	197.7	18.0	0	33.0	598	8
Prairie Hybrids	EX7247	None	M,D,L	101	197.4	19.6	0	33.9	589	16
Rob-See-Co	Innotech IC4654^	3111	CM,C2	96	196.6	17.2	0	30.3	599	7
Titan Pro	TP 30-99	None	CM,C2	99	196.5	18.3	0	29.8	593	11
Dyna-Gro	D37SS60	STX	AC,P5V	97	196.3	18.4	0	32.6	592	14
Channel	199-29STXRIB	STX,B	AC,P5V	99	195.7	17.5	0	28.0	594	10
AgriGold	A6257STXRIB	STX,B	AC,P5V	100	195.4	18.4	0	28.0	589	17
Renk	RK605SSTX	STX	AC,P2	100	194.8	17.2	0	32.1	593	12
Wensman	W 70975VT3PRIB	VT3P,B	AC,P5V	97	194.7	17.2	0	30.2	593	13
Wensman	W 90979STX	STX	AC,P5V	97	194.2	17.5	0	31.2	590	15
LG Seeds	LG5499STXRIB	STX,B	AC,P5V	100	192.8	20.0	0	31.2	574	26
Anderson	689VT3P	VT3P	CE,C2	95	192.7	16.8	0	29.8	589	18
LG Seeds	LG5470STXRIB	STX,B	AC,P5V	98	192.4	18.6	0	27.1	579	22
Titan Pro	TP 39-00 SS	STX,B	AC,P5V	100	192.1	17.7	0	31.6	583	20
NuTech	5V-195	3111	CM,C2	95	191.6	17.2	0	30.7	583	21
NuTech/G2 Gen	5Y-196^	OIX	MQ,P1V,R	96	191.2	16.8	0	29.8	584	19
Titan Pro	TP 39-98 SS	STX,B	AC,P5V	98	190.0	17.2	0	34.4	579	23
Rob-See-Co	Innotech IC4903^	3111A	CM,C2	99	189.8	17.3	0	33.0	577	24
Gold Country	97-65RSS	STX,B	AC,P5V	97	188.9	17.5	0	32.6	574	27
Channel	196-77STXRIB	STX,B	AC,P5V	96	188.4	17.2	0	31.2	574	28
NuTech/G2 Gen	5F-399^	AM,B	MQ,P5V	99	188.1	17.8	0	32.5	570	29
Latham	LH4645VT2PRORIB	VT2P,B	AC,P5V	96	187.5	16.2	0	28.9	576	25
Viking	C44-95R	VT3P,B	AC,P2	95	187.1	17.1	0	28.9	570	30
Dekalb	DKC49-29RIB CK	STX,B	AC,P5V	99	183.3	17.4	0	32.1	557	38

Mark Querna
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Test Average = **186.2** 17.7 0 **30.9** **565**
 LSD (0.10) = 14.9 0.8 ns
 LSD (0.25) = 10.4 0.5 ns
 C.V. = 5.9 3.2

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: This site was planted on slope, with the full-season test located on the lower portion. The lower full-season test yields reflect the saturated soils of June to mid-July. The grain moistures are less than anticipated in the late-season hybrids. A spotty Sept 13 frost may have been a factor. Cooler than normal summer kept yields at an average or less level this year. Leon's yields were similar to these tests.

† 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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 SOIL CONDITION: High P, high K, 6.3 pH, 5.1% OM
 PEST MANAGEMENT: Force, Dual II Magnum, Capreno
 FERTILITY - Applied N: 10 Fall, 140 Spring
 Applied N-P-K (units): 150-60-60
 SEEDED - RATE - ROW: May 5 35,300 /A 30" spacing
 HARVESTED - STAND: Oct 23 30,800 /A

Full-Season Test
101 - 104 Day CRM
 B2014MNSE18b

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	LG5502STX	STX	AC,P5V	102	202.6	17.4	0	31.2	616	1
Anderson	6073	None	M,D,At	101	202.0	17.2	0	32.6	615	2
Viking	57-01N	None	CM,C2	101	201.3	17.9	0	31.2	609	4
Channel	201-39STXRIB	STX,B	AC,P5V	101	201.2	16.9	0	27.1	614	3
Latham	LH5466VT3PRORIB	VT3P,B	AC,P2	104	195.0	16.3	0	32.5	598	5
Pfister	2225RA	STX,B	CM,C2	102	194.9	18.4	0	34.9	588	9
Latham	LH5215VT2PRORIB	VT2P,B	AC,P2	102	194.7	18.2	0	29.3	588	10
Titan Pro	TP 40-00	None	CM,C2	100	194.4	17.9	0	29.4	589	8
NuTech/G2 Gen	5H-502^	HX,RR2	MQ,P5V	102	194.1	17.8	0	31.6	588	11
AgriGold	A6300STX	STX	AC,P5V	103	193.8	17.6	0	33.9	588	12
Spectrum	5285	None	CM,C2	102	193.6	18.6	0	31.2	583	14
Viking	72-04N	None	CM,C2	104	192.5	16.4	4	31.2	590	7
Rob-See-Co	Innotech IC5112^	3011A	CM,C2	101	192.5	17.0	0	32.1	587	13
Wensman	W 9325STXRIB	STX,B	AC,P5V	102	190.6	18.2	0	32.1	576	16
Wensman	W 7320VT3PRIB	VT3P,B	AC,P5V	101	189.5	16.6	0	32.1	580	15
Wensman	W 91051STX	STX	AC,P5V	105	189.1	18.1	0	31.6	572	17
NK Brand	N49W-3000GT GC	3000GT	AVC,C5	102	188.3	17.4	0	28.9	572	18
Pfister	2399GT3000	3000GT	CM,C2	104	188.3	17.8	0	30.7	571	19
Prairie Brand	5065GT3	3000GT	CM,C2	100	188.0	17.7	0	27.5	570	20
NuTech/G2 Gen	5L-802^	AMXT,B	MQ,P5V	102	186.4	18.6	0	30.2	561	24
AgriGold	A6351STX	STX	AC,P5V	105	186.2	18.3	0	30.7	562	22
Prairie Hybrids	3104	None	M,D,L	104	186.0	19.5	0	33.0	556	27
Dekalb	DKC54-38RIB GC	STX,B	AC,P5V	104	185.9	19.3	0	27.1	556	28
Prairie Brand	5495SX	STX	CM,C2	104	185.7	19.3	0	30.7	556	29
NuTech/G2 Gen	5F-200^	AM,AQ,B	MQ,P5V	100	184.8	16.8	0	28.0	565	21
Dahlman	R51-313SSRIB	STX,B	AC,P2	102	183.8	16.6	0	32.1	562	23
Wyffels	W2888RIB	STX,B	AC,P5V	102	183.5	16.7	0	30.3	561	25
AgriGold	A6267STXRIB	STX,B	AC,P5V	102	183.3	17.5	0	33.5	557	26
Channel	202-64STXRIB	STX,B	AC,P5V	102	182.6	17.8	0	31.7	553	30
NK Brand	N45P-3011A GC	3011A	AVC,C5	101	181.5	17.8	0	32.1	550	31
Dekalb	DKC49-29RIB CK	STX,B	AC,P5V	99	191.6	15.7	0	32.1	591	6

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Test Average = **181.8** 17.7 0 30.8 551
 LSD (0.10) = 20.6 1.0 1
 LSD (0.25) = 14.4 0.7 1
 C.V. = 8.4 4.2

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: This site was planted on slope, with the full-season test located on the lower portion. The lower full-season test yields reflect the saturated soils of June to mid-July. The grain moistures are less than anticipated in the late-season hybrids. A spotty Sept 13 frost may have been a factor. Cooler than normal summer kept yields at an average or less level this year. Leon's yields were similar to these tests.

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Additional reports available at www.firstseedtests.com
 Report date: 10/24/2014 Revised:

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2014 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	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® 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)
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.