

**2014 Corn Grain Top 30 Harvest Report**  
 Missouri Northwest [ MONW ] GRAHAM  
 Tim & Andrew Lance, Nodaway County, MO 64423



PREV. CROP/HERB: Soybean / Roundup, Sonic  
 SOIL DESCRIPTION: Nevin silty clay loam, mod. well drained, minimum w/o fall till, non-irrigated  
 SOIL CONDITION: Moderate P, moderate K  
 PEST MANAGEMENT: Lorsban, Corvus, atrazine, Force  
 FERTILITY - Applied N: 122 Spring, 20 Sidedress  
 Applied N-P-K (units): 142-60-60  
 SEEDED - RATE - ROW: May 5 34,500 /A 30" spacing  
 HARVESTED - STAND: Nov 7 34,000 /A

**Early-Season Test**  
**107 - 112 Day CRM**  
 B2014MONW35a

**Top 30 of 42**  
 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
Lewis	R1409VT2P	VT2P,B	AC,P5V	109	<b>237.7</b>	14.2	1	32.4	713	1
LG Seeds	LG5618STXRIB	STX,B	AC,P5V	112	<b>237.5</b>	14.4	2	33.9	713	2
FS InVISION	FS 61JX1 RIB	STX,B	AC,P5V	111	<b>234.8</b>	14.2	17	33.9	704	3
FS InVISION	FS 62SX1 RIB	STX,B	AC,P5V	112	<b>234.4</b>	14.4	1	35.8	703	4
Pfister	2574RA	STX,B	CM,C2	110	<b>232.1</b>	14.1	4	35.8	696	5
AgriGold	A6499STXRIB	STX,B	AC,P5V	112	<b>231.1</b>	14.5	2	34.8	693	6
LG Seeds	LG5607VT2PRIB	VT2P,B	AC,P5V	111	<b>230.8</b>	14.2	1	35.8	692	7
Pfister	3366RA	STX,B	CM,C2	115	<b>229.8</b>	14.2	1	33.3	689	8
Wyffels	W7108	STX	AC,P5V	111	227.3	14.1	2	33.8	682	9
Prairie Brand	6305RA	STX,B	CM,C2	113	226.4	14.3	10	33.8	679	10
LG Seeds	LG5612STX	STX	AC,P5V	112	226.1	14.2	1	34.8	678	11
Titan Pro	TP 39-09 SS GC	STX,B	AC,P5V	109	223.7	14.1	1	34.8	671	12
Prairie Brand	1121RA	STX,B	CM,C2	112	223.6	14.2	18	34.8	671	13
Augusta	A5658GT3000	3000GT	CM,C2	108	222.9	14.1	38	31.9	669	14
Dyna-Gro	D52VC91	VT2P	AC,P5V	112	222.6	14.4	1	35.8	668	15
Pfister	2595RA	STX,B	CM,C2	111	222.3	13.9	2	34.8	667	16
NuTech/G2 Gen	5F-811AM^	AM,B	MQ,P5V	111	221.6	14.7	37	34.8	665	17
Wyffels	W6628RIB	STX,B	AC,P5V	110	221.5	14.1	7	30.9	665	18
Wyffels	W5448 GC	STX	AC,P5V	108	220.4	14.2	1	35.8	661	19
Pioneer	P1221AMXT GC	AMXT,B	MQ,P1V	112	219.0	14.5	19	35.8	657	20
Pfister	2565VT3Pro	VT3P	AC,P5	108	218.5	14.0	5	32.9	656	21
FS InVISION	FS 60ZX1 RIB	STX,B	AC,P5V	110	215.4	14.2	7	33.8	646	23
Mycogen	2V717	STX,B	CM,C2	111	214.5	14.1	23	33.8	644	24
Pioneer	P1257AMX GC	AMX,B	MQ,P1V	112	214.4	14.4	23	35.8	643	25
AgriGold	A6458VT3PRIB	VT3P,B	AC,P5V	110	212.7	13.9	9	34.8	638	26
Stine	R9739VT3Pro	VT3P,B	AC,P2	114	210.3	14.2	13	30.9	631	27
Titan Pro	81A12GL	3000GT	CM,C2	112	209.9	14.2	20	34.8	630	28
Titan Pro	TP 36-12 2P	VT2P,B	AC,P2	112	209.8	14.6	17	33.8	629	29
Lewis	R1511SS	STX,B	AC,P5V	111	209.1	14.1	1	29.9	627	30
FS InVISION	FS 57QX1 RIB	STX,B	AC,P5V	107	209.0	14.1	9	34.8	627	31
Pioneer	P1248AM CK	AM,AQ,B	MQ,P1V	112	216.7	14.2	33	31.9	650	22

Test Average = **217.3** 14.2 14 34.0 652  
 LSD (0.10) = 12.1 0.2 19  
 LSD (0.25) = 8.4 0.1 13  
 C.V. = 4.1 0.8

Randy Meinsma

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**Yield & Income Factors:** Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Price =  $\frac{\$3.00}{\$3.00}$  Local GMO non-GMO

**Test Comments:** *Root masses were small at this location, when combined with heavy ears, root lodging became a problem for some hybrids across the tests. Ear shank strength was very good, important as ears were large and heavy with a complete set of deep kernels filled to the ear tip. Well matured dry plants and sturdy cobs made shelling easy. Disease pressure was light and weed control complete*

† 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: 11/9/2014 Revised:

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 SOIL DESCRIPTION: Nevin silty clay loam, mod. well drained, minimum w/o fall till, non-irrigated  
 SOIL CONDITION: Moderate P, moderate K  
 PEST MANAGEMENT: Lorsban, Corvus, atrazine, Force  
 FERTILITY - Applied N: 122 Spring, 20 Sidedress  
 Applied N-P-K (units): 142-60-60  
 SEEDED - RATE - ROW: May 5 34,500 /A 30" spacing  
 HARVESTED - STAND: Nov 7 33,900 /A

**Full-Season Test**  
**113 - 116 Day CRM**  
 B2014MONW35b

**Top 30 of 42**  
 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
Lewis	R1414VT2P	VT2P,B	AC,P5V	114	<b>241.5</b>	14.3	15	35.8	725	1
NuTech/G2 Gen	5Z-713^	OI	MQ,P1V,R	113	<b>235.5</b>	14.4	9	31.9	707	2
Pfister	2874RR	RR2	CM,C2	113	<b>232.6</b>	14.2	14	30.9	698	3
LG Seeds	LG5622STX	STX	AC,P5V	113	<b>232.4</b>	14.4	1	34.8	697	4
Golden Harvest	G14R38-3000GT GC	3000GT	AVC,C5	114	231.3	14.8	27	31.4	694	5
Mycogen	2C799	STX,B	CM,C2	114	230.9	14.3	12	32.9	693	6
AgriGold	A6573VT3PRIB	VT3P,B	AC,P5V	114	230.7	14.5	50	33.8	692	7
FS InVISION	FS 66JV4 RIB	VT3P,B	AC,P2	116	230.6	14.7	14	35.8	692	8
Pioneer	P1555CHR GC	OT	MQ,P1V	115	229.5	14.7	15	34.8	689	9
AgriGold	A6533VT3PRIB	VT3P,B	AC,P5V	113	227.3	14.2	14	33.8	682	10
NuTech/G2 Gen	5F-113^	AM,B	MQ,P5V	113	227.2	14.7	12	33.4	682	11
FS InVISION	FS 63SX1 RIB	STX,B	AC,P5V	113	226.9	14.5	1	35.8	681	12
Wyffels	W7736RIB	VT2P,B	AC,P5V	113	226.5	14.5	1	32.9	680	13
AgriGold	A6559STXRIB	STX,B	AC,P5V	113	226.2	14.4	4	34.8	679	14
Prairie Brand	1123RA	STX,B	CM,C2	113	225.2	14.4	30	33.8	676	15
LG Seeds	LG2620VT3PRIB	VT3P,B	AC,P5V	113	224.9	14.2	3	32.9	675	16
FS InVISION	FS 64MX1 RIB	STX,B	AC,P5V	114	224.3	14.4	5	35.8	673	17
Lewis	R1415VT2P	VT2P,B	AC,P5V	115	223.5	14.6	4	35.8	671	18
Mycogen	2C788	STX,B	CM,C2	114	222.2	14.6	29	33.8	667	19
Stine	R9740VT3Pro	VT3P,B	AC,P2	113	221.8	14.4	7	33.9	665	21
Titan Pro	2M14-SS	STX,B	AC,P5V	114	221.8	15.1	23	33.8	665	22
Augusta	A4564GENSS	STX	AC,P5V	114	221.2	14.6	4	30.9	664	23
Wyffels	W7888RIB	STX,B	AC,P5V	114	220.3	14.6	9	33.9	661	24
Pioneer	P1339AM1 GC	AM1,B	MQ,P1V	113	219.2	14.5	22	32.9	658	25
Titan Pro	2M13-2P	VT2P,B	AC,P2	113	217.2	14.4	1	33.9	652	26
Pioneer	P1498AM GC	AM,AQ,B	MQ,P1V,R	114	217.0	14.5	23	33.9	651	27
Prairie Brand	R7443RRHX	HX,RR2	CM,C2	116	216.1	14.5	20	33.8	648	28
Dyna-Gro	D55VP77	VT3P	AC,P5V	115	215.8	14.5	7	33.9	647	29
Stine	R9806EVT3Pro	VT3P,B	AC,P2	114	212.9	14.4	3	33.9	639	30
NuTech/G2 Gen	3F-814^	AM-R,AQ,B	MQ,P5V	114	208.4	14.3	51	35.8	625	31
Pioneer	P1248AM CK	AM,AQ,B	MQ,P1V	112	222.1	14.4	31	33.9	666	20

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Test Average = **218.8** 14.5 17 **33.9** **656**  
 LSD (0.10) = 13.4 0.2 20  
 LSD (0.25) = 9.4 0.1 14  
 C.V. = 4.5 1.0

**Yield & Income Factors:** Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Price =  $\frac{\$3.00}{\$3.00}$  Local GMO non-GMO

**Test Comments:** *Root masses were small at this location, when combined with heavy ears, root lodging became a problem for some hybrids across the tests. Ear shank strength was very good, important as ears were large and heavy with a complete set of deep kernels filled to the ear tip. Well matured dry plants and sturdy cobs made shelling easy. Disease pressure was light and weed control complete*

† 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





## 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	Acceleron® 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.