

2015 Corn Grain Top 30 Harvest Report

Missouri Northwest [MONW] BLUE RIDGE
Doug Taggart, Harrison County, MO 64642



PREV. CROP/HERB: Soybean / 2,4-D, Roundup, Warrant
SOIL DESCRIPTION: Haig silt loam, mod. well drained, no-till, non-irrigated
SOIL CONDITION: Moderate P, moderate K, 6.5 pH, 3.2% OM
PEST MANAGEMENT: Realm Q, Roundup, Force
FERTILITY - Applied N: 150 Fall
Applied N-P-K (units): 150-0-0
SEEDING - RATE - ROW: Apr 24 28,000 /A 30" spacing
HARVESTED - STAND: Oct 18 29,000 /A

Early-Season Test
107 - 112 Day CRM
B2015MONW31a

Top 30 of 42

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

Company/Brand	Product/Brand†	Technol.†	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Renk	RK871VT2P	VT2P	111	208.1	14.4	1	28.9	770	1
Taylor	T8808VT2Pro	VT2P	108	207.2	14.7	1	28.4	767	2
NuTech/G2 Gen	5F-510^	AM,B	110	205.0	14.4	1	29.4	759	3
LG Seeds	LG5548STXRIB	STX,B	109	203.8	14.2	1	27.9	754	4
FS InVISION	FS 61SX1 RIB	STX,B	111	203.3	14.0	1	29.4	752	5
Renk	RK834SSTX	STX,B	111	201.5	14.2	1	29.4	746	6
Golden Harvest	G11K47-3010 GC	3010	111	197.7	14.1	1	29.4	731	7
Pioneer	P1197CHR GC	OT	111	197.4	13.8	1	28.9	730	8
Burrus	Power Plus 4J93^ GC	AM,AQ,B	109	196.9	14.1	1	29.4	729	9
NuTech/G2 Gen	5Z-308^	OI	108	194.9	14.0	1	28.9	721	10
Prairie Brand	6056SX	STX	110	194.8	13.9	1	28.9	721	11
Titan Pro	TP 59-08 SS	STX	108	191.9	13.9	1	27.4	710	12
Pfister	X12546S2R4	STX,B	107	191.3	14.1	1	28.4	708	13
LG Seeds	LG5565STXRIB	STX,B	108	188.6	14.2	1	30.4	698	14
Kruger	K4R-9512	STX,B	112	185.3	13.9	1	29.4	686	15
Pfister	67A1	HXT,RR2	107	184.6	13.7	1	29.4	683	17
NuTech/G2 Gen	5F-709^	AM,B	109	184.2	14.0	1	28.9	682	18
Dyna-Gro	D52VC91	VT2P	112	182.1	14.1	1	29.4	674	19
NuTech/G2 Gen	5F-811AM^	AM,B	111	181.8	14.5	1	27.9	673	20
Wyffels	W7108RIB	STX,B	111	180.0	14.0	1	29.4	666	21
Augusta	A5658GTCBLL	GT/CB/LL	108	179.9	13.8	1	29.9	666	22
Taylor	EXP C-112-12	VT2P	112	179.8	13.9	1	29.9	665	23
Kruger	K4R-9910	STX,B	110	177.9	14.2	1	28.9	658	24
Wyffels	W7246	VT2P	111	177.3	13.7	1	29.4	656	25
Pfister	2565SS	STX,B	108	176.6	13.8	1	29.9	653	26
Lewis	R1409VT2P	VT2P,B	109	176.5	13.8	1	29.4	653	27
Kruger	KR-4709	VT2P,B	109	176.3	13.8	1	29.4	652	28
Kruger	K4R-9511	STX,B	111	174.2	14.0	1	29.9	645	29
FS InVISION	FS 62SX1 RIB	STX,B	112	173.2	14.1	1	29.4	641	30
Pfister	X14677S2	STX	112	173.0	13.5	1	28.9	640	31
Dekalb	DKC63-33RIB CK	STX,B	113	184.7	13.9	1	28.4	683	16

Averages = **182.4** **14.0** **1** **29.0** **675**
LSD (0.10) = 11.8 0.2 ns
LSD (0.25) = 8.2 0.1 ns
C.V. = 4.8 0.9

Randy Meinsma
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Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Prices: GMO = \$3.70; non-GMO = \$3.70

Test Comments: *Very nice looking test with plants standing very well with no major lodging issues. Some leaf blight was seen. Plants were well matured and very dry. The recent very warm weather dried plants and grain down fast. Cobs were strong and made shelling easy. Ear shanks were holding ears tight with ears in a downward position. Ears were long, narrow, well pollinated with overall small sized seed.*

† 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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 PEST MANAGEMENT: Realm Q, Roundup, Force
 FERTILITY - Applied N: 150 Fall
 Applied N-P-K (units): 150-0-0
 SEEDING - RATE - ROW: Apr 24 28,000 /A 30" spacing
 HARVESTED - STAND: Oct 18 29,000 /A

Full-Season Test

113 - 116 Day CRM
 B2015MONW31b

Top 30 of 42

For Gross Income (Sorted by Yield)

Average of (3) Replications

Company/Brand	Product/Brand†	Technol.†	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
NuTech/G2 Gen	5F-713^	AM,B	113	210.4	14.2	1	29.4	778	1
Titan Pro	TP 56-14 2P	VT2P	114	208.8	14.3	1	28.4	773	2
Kruger	KR-4913	VT2P,B	113	208.7	13.9	1	29.4	772	3
Pioneer	P1311AMXT GC	AMXT,B	113	208.0	14.2	1	28.9	770	4
Wyffels	W7888RIB	STX,B	114	202.0	14.3	1	28.9	747	5
Pfister	2770RA	STX,B	113	201.5	14.3	1	28.9	746	6
Renk	RK935SSTX	STX,B	114	200.3	14.5	1	29.4	741	7
Burrus	Catalyst 7893^ GC	3111	115	199.0	14.3	1	27.9	736	8
LG Seeds	LG5663VT2P	VT2P	115	198.4	14.5	1	27.4	734	9
Kruger	K4R-9313	STX,B	113	197.1	14.3	1	30.4	729	10
NuTech/G2 Gen	5Z-015^	OI	115	197.1	14.6	1	27.9	729	11
Lewis	R1414VT2P	VT2P,B	113	196.6	14.0	1	28.9	727	12
FS InVISION	FS 66JV4 RIB	VT3P,B	116	195.7	14.6	1	28.9	724	13
Renk	RK930VT3P	VT3P,B	115	195.2	14.3	1	29.9	722	14
Burrus	6T54 3000GT GC	3000GT	113	194.5	14.5	1	28.9	720	15
Golden Harvest	G16K01-3111	3111	116	193.5	14.3	1	28.4	716	16
Golden Harvest	G14R38-3000GT GC	3000GT	114	192.8	14.3	1	29.4	713	17
Pfister	3366RA	STX,B	112	192.7	14.2	1	29.4	713	18
Pfister	73A1SS	STX	113	191.5	13.9	1	27.9	709	19
Dyna-Gro	D55VP77 GC	VT3P	115	190.9	14.1	1	28.4	706	20
Taylor	EXP C-114-12	VT2P	114	190.7	14.5	1	29.9	706	21
NuTech/G2 Gen	5F-515^	AM,B	115	189.9	14.1	1	29.9	703	22
Augusta	A4564GENSS	STX	114	188.8	14.4	1	28.9	699	23
Prairie Brand	R7443RRHX	HX,RR2	115	187.8	14.9	1	28.9	695	24
Pfister	X14730VH	HXT,RR2	113	187.0	13.9	1	28.9	692	25
Epley	E2305RR	RR2	113	187.0	13.9	1	29.4	692	26
LG Seeds	LG5618STXRIB	STX,B	112	186.6	14.3	1	29.9	690	27
FS InVISION	FS 65SV4 RIB	VT3P,B	115	186.3	14.2	1	28.4	689	28
Prairie Brand	6305RA	STX,B	113	185.8	14.1	1	29.9	687	29
Kruger	K4R-9613	STX,B	113	184.6	14.2	1	29.4	683	30
Dekalb	DKC63-33RIB CK	STX,B	113	182.8	13.8	1	29.4	676	32
Averages =				190.0	14.3	1	29.0	703	
LSD (0.10) =				13.9	0.2	ns			
LSD (0.25) =				9.7	0.1	ns			
C.V. =				5.4	0.8				

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Early-Season Test Products (42 Total)

Company/Brand	Product/Brand	Technol.	Seed Trt	RM	Company/Brand	Product/Brand	Technol.	Seed Trt	RM
Augusta	A5658GTCBLL	GT/CB/LL	CM,C1	108					
Burrus	Power Plus 4J93^ GC	AM,AQ,B	MQ,P1V	109					
Burrus	Power Plus 4V45^ GC	AM,B	MQ,P1V	108					
Dekalb	DKC63-33RIB CK	STX,B	AC,P5V	113					
Dyna-Gro	CX15212 GC	VT2P	AC,P5V	112					
Dyna-Gro	D52VC91	VT2P	AC,P5V	112					
FS InVISION	FS 58QX1 RIB	STX,B	AC,P5V	108					
FS InVISION	FS 60ZX1 RIB	STX,B	AC,P5V	110					
FS InVISION	FS 61SX1 RIB	STX,B	AC,P5V	111					
FS InVISION	FS 62SX1 RIB	STX,B	AC,P5V	112					
Golden Harvest	G11K47-3010 GC	3010	AVC,C5,Vi	111					
Kruger	K4R-9511	STX,B	AC,P5V	111					
Kruger	K4R-9512	STX,B	AC,P5V	112					
Kruger	K4R-9910	STX,B	AC,P5V	110					
Kruger	KR-4709	VT2P,B	AC,P5V	109					
Lewis	R1308VT2P	VT2P,B	AC,P5V	108					
Lewis	R1409VT2P	VT2P,B	AC,P5V	109					
LG Seeds	LG5548STXRIB	STX,B	AC,P5V	109					
LG Seeds	LG5565STXRIB	STX,B	AC,P5V	108					
NuTech/G2 Gen	5F-510^	AM,B	MQ,P5V	110					
NuTech/G2 Gen	5F-709^	AM,B	MQ,P5V	109					
NuTech/G2 Gen	5F-811AM^	AM,B	MQ,P5V	111					
NuTech/G2 Gen	5Z-308^	OI	MQ,P1V	108					
Pfister	2565SS	STX,B	CM,C5,Vi,In	108					
Pfister	67A1	HXT,RR2	CM,C5,Vi,In	107					
Pfister	X12546S2R4	STX,B	CM,C5,Vi,In	107					
Pfister	X14677S2	STX	AC,P5V	112					
Pioneer	P0987AMX GC	AMX,B	MQ,C2	109					
Pioneer	P1197CHR GC	OT	MQ,C2	111					
Pioneer	P1221AMXT GC	AMXT,B	MQ,C2	112					
Prairie Brand	5815RA	STX,B	CM,C5,Vi,In	107					
Prairie Brand	6056SX	STX	CM,C5,Vi,In	110					
Renk	RK834SSTX	STX,B	AC,P5V	111					
Renk	RK871VT2P	VT2P	AC,P2	111					
Taylor	EXP C-110-12	VT2P	AC,P2	110					
Taylor	EXP C-112-12	VT2P	AC,P2	112					
Taylor	T8808VT2Pro	VT2P	AC,P2	108					
Titan Pro	TP 55-11 2P	VT2P	AC,P2	111					
Titan Pro	TP 59-08 SS	STX	AC,P5V	108					
Wyffels	W7108RIB	STX,B	AC,P5V	111					
Wyffels	W7246	VT2P	AC,P5V	111					
Wyffels	W7456	VT2P	AC,P5V	112					

2015 Corn Grain - Missouri Northwest [MONW]



Full-Season Test Products (42 Total)

Company/Brand	Product/Brand	Technol.	Seed Trt	RM	Company/Brand	Product/Brand	Technol.	Seed Trt	RM
Augusta	A4564GENSS	STX	AC,P5V	114					
Burrus	6T54 3000GT GC	3000GT	MQ,P1V	113					
Burrus	Catalyst 7893 ^A GC	3111	AVC,C5	115					
Dekalb	DKC63-33RIB CK	STX,B	AC,P5V	113					
Dyna-Gro	CX15115	VT2P	AC,P5V	115					
Dyna-Gro	D55VP77 GC	VT3P	AC,P5V	115					
Epley	E2305RR	RR2	AC,P2	113					
FS InVISION	FS 63SX1 RIB	STX,B	AC,P5V	113					
FS InVISION	FS 65SV4 RIB	VT3P,B	AC,P2	115					
FS InVISION	FS 66JV4 RIB	VT3P,B	AC,P2	116					
Golden Harvest	G14R38-3000GT GC	3000GT	AVC,C5	114					
Golden Harvest	G16K01-3111	3111	AVC,C5	116					
Kruger	K4R-9313	STX,B	AC,P5V	113					
Kruger	K4R-9613	STX,B	AC,P5V	113					
Kruger	KR-4913	VT2P,B	AC,P5V	113					
Lewis	R1313VT2P	VT2P,B	AC,P5V	113					
Lewis	R1414VT2P	VT2P,B	AC,P5V	113					
LG Seeds	LG5618STXRIB	STX,B	AC,P5V	112					
LG Seeds	LG5622STXRIB	STX,B	AC,P5V	113					
LG Seeds	LG5638VT2PRIB	VT2P,B	AC,P5V	114					
LG Seeds	LG5663VT2P	VT2P	AC,P5V	115					
NuTech/G2 Gen	5F-515 ^A	AM,B	MQ,P5V	115					
NuTech/G2 Gen	5F-713 ^A	AM,B	MQ,P5V	113					
NuTech/G2 Gen	5Z-015 ^A	OI	MQ,P1V	115					
Pfister	2770RA	STX,B	CM,C5,Vi,In	113					
Pfister	3366RA	STX,B	CM,C5,Vi,In	112					
Pfister	73A1SS	STX	CM,C1	113					
Pfister	X14730VH	HXT,RR2	CM,C1	113					
Pioneer	P1311AMXT GC	AMXT,B	MQ,C2	113					
Prairie Brand	3495RA	STX,B	CM,C5,Vi,In	115					
Prairie Brand	6305RA	STX,B	CM,C5,Vi,In	113					
Prairie Brand	R7443RRHX	HX,RR2	CM,C5,Vi,In	115					
Renk	RK930VT3P	VT3P,B	AC,P2	115					
Renk	RK935SSTX	STX,B	AC,P5V	114					
Renk	RK941SSTX	STX,B	AC,P5V	114					
Taylor	EXP C-114-12	VT2P	AC,P2	114					
Taylor	T8844VT2Pro	VT2P	AC,P2	114					
Taylor	T8850VT2Pro	VT2P,B	AC,P2	114					
Titan Pro	TP 56-14 2P	VT2P	AC,P2	114					
Wyffels	W7736RIB	VT2P,B	AC,P5V	113					
Wyffels	W7888RIB	STX,B	AC,P5V	114					
Wyffels	W8376RIB	VT2P,B	AC,P5V	115					

Footnotes and Abbreviation Descriptions

Brand Footnotes

^	G2® brand seed is distributed by NuTech Seed, LLC. Catalyst™ and Power Plus® brand seed is distributed by Burrus. Innotech™ brand seed is distributed by Rob-See-Co, LLC. 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®, Power Plus®, RPM®, Supreme EX®, VPMaxx® and XL® are registered trademarks of DuPont Pioneer. Catalyst™, Innotech™ and Phoenix® are trademarks of Syngenta.
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)	HX	Herculex® 1, contains LL
3010	Agrisure® 3010 (CB,LL,GT)	HX,RR2	Herculex® 1, Roundup Ready 2 Corn
3010,A	Agrisure® Artesian® 3010 (CB,LL,GT)	HXRW	Herculex® Rootworm, contains LL
3011,A	Agrisure® Artesian® (CB,RW,LL,GT)	HXT	Herculex® Xtra (HX,HXRW,LL)
3110	Agrisure® Viptera® 3110 (Vip, CB,LL,GT)	HXT,RR2	Herculex® Xtra, Roundup Ready 2 Corn
3110,A	Agrisure® Viptera® 3110 w/ Artesian®	LL	LibertyLink®
3111	Agrisure® Viptera® 3111 (Vip,CB,RW,LL,GT)	None	conventional corn
3111,A	Agrisure® Viptera® 3111 w/ Artesian®	None,A	conventional corn w/ Artesian®
3122	Agrisure® 3122 (CB,HXX,RW,LL,GT)	OI	Optimum® Intrasect®, YHR (YGCB,HX,LL,RR2)
3220	Agrisure® Viptera® 3220 (Vip,CB,HX,LL,GT)	OI,AQ	Optimum® Intrasect® w/ AQUAMax
AM	Optimum® AcreMax® (YGCB,HX,LL,RR2)	OIX	Optimum® Intrasect® Xtra, YXR (YGCB,HXT,LL,RR2)
AM,AQ	Optimum® AcreMax® w/ AQUAMax	OIXT	Optimum® Intrasect® Xtreme (YGCB,HXT,RW,LL,RR2)
AM1	Optimum® AcreMax®1 (HXT,LL,RR2)	OT	Optimum® TRIsect® CHR (HX,RW,LL,RR2)
AMX	Optimum® AcreMax® Xtra (YGCB,HXT,LL,RR2)	RR2	Roundup Ready® 2 Corn
AMX,AQ	Optimum® AcreMax® Xtra w/ AQUAMax	STX	SmartStax® (VT3P,HXT,RR2,LL)
AMXT	Optimum® AcreMax® Xtreme (YGCB,HXT,RW,LL,RR2)	STX,DG	Genuity® DroughtGard® w/ SmartStax®
AMXT,AQ	Optimum® AcreMax® Xtreme w/ AQUAMax	VT2P	Genuity® VT Double PRO®
B	Blended seed (i.e. refuge blend)	VT2P,DG	Genuity® DroughtGard® w/ VT Double PRO®
GT	Agrisure® GT	VT3P	Genuity® VT Triple PRO®
GT,A	Agrisure® GT w/ Artesian	YGCB	YieldGard® Corn Borer
GT/CB/LL	Agrisure® GT/CB/LL		

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

Corn Seed Treatments**

?	information not provided	In	Intego™ Solo
A	Allegiance®	L	Lorsban®
AC	Acceleron® fungicide products	Lu	Lumivia™
At	Actellic®	M	Maxim XL®
AVC	Avicta® Complete Corn	MQ	Maxim Quattro®
C2, C5, C1	Cruiser® at 0.25, 0.5 and 1.25 mg ai/seed, respectively	None	untreated
CE	Cruiser Extreme®	P2, P5, P1	Poncho® at 0.25, 0.5 and 1.25 mg ai/seed, respectively
CM	CruiserMaxx® Corn	R	Raxil® (tebuconazole)
D	Dynasty® (azoxystrobin)	V	Votivo®
Es	Escalate®	Vi	Vibrance®

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