

2016 Corn Grain Top 30 Harvest Report

Missouri Northwest [MONW] JAMESPORT
Tim Flory, Daviess County, MO 64648



Test by: F.I.R.S.T. CCB, Inc., Elizabeth, IL

PREV. CROP/HERB: Soybean / Liberty
SOIL DESCRIPTION: Lagonda silty clay loam, mod. well drained, non-irrigated
SOIL CONDITION: Minimum w/o fall till, mod. high P, moderate K, 6.3 pH, 2.9% OM
PEST MANAGEMENT: Roundup, Force
FERTILITY - Applied N: 160 Fall
Applied N-P-K (units): 160-0-0
SEEDING - RATE - ROW: May 7 30,400 /A 30" spacing
HARVESTED - STAND: Oct 12 30,400 /A

Early-Season Test
107 - 112 Day CRM
B2016MONW35a

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
Taylor	8821VT2Pro	VT2P	110	203.9	14.9	1	30.9	548	1
Dyna-Gro	D49VC39RIB	VT2P,B	109	201.8	14.5	1	30.9	543	3
Wyffels	W7456RIB	VT2P,B	112	199.3	15.6	1	29.4	532	4
FS InVISION	FS 60LX1	STX	110	197.9	14.6	1	30.9	532	5
Taylor	8808VT2ProRIB	VT2P,B	108	194.8	14.7	1	30.4	524	6
Golden Harvest	G07F23-3111	3111	107	191.9	14.5	1	29.4	516	7
Pfister	3366RASS	STX,B	112	190.8	15.0	1	31.9	513	8
Prairie Brand	6247SX	STX	112	190.6	15.1	1	30.9	512	9
Pfister	2545RASS	STX,B	107	188.1	14.9	1	30.4	506	10
LG Seeds	LG5554-3111	3111	108	187.5	14.6	1	31.9	504	11
Golden Harvest	G11F16-3111A	3111,A	111	187.1	14.4	1	29.9	503	12
NuTech	X5V-0707	3111	107	186.2	14.5	1	29.4	501	13
FS InVISION	FS 60QV1 RIB	VT2P,B	110	185.8	14.6	1	29.9	500	14
Augusta	A5062GT3110	3110	112	185.8	15.5	1	28.9	496	19
Lewis	10SS747	STX,B	110	185.5	15.0	1	30.9	499	15
Renk	RK871VT2P	VT2P,B	111	185.1	14.5	1	30.9	498	16
Taylor	EXP A-109-13	VT2P,B	109	185.0	14.5	1	30.9	498	17
LG Seeds	LG5548STXRIB	STX,B	108	184.7	14.6	1	29.9	497	18
NuTech/G2 Gen	5F-308A	AM,B	108	184.0	14.7	1	30.4	495	20
Pfister	71C1WX	HXT,BR2	111	183.2	15.4	1	29.4	490	22
NuTech/G2 Gen	5F-311A	AM,AQ,B	111	182.5	14.8	1	31.4	491	21
Augusta	A1108VT2ProRIB	VT2P,B	108	181.2	14.4	1	30.4	487	23
Renk	RK810SSTX	STX,B	110	180.5	14.7	1	29.4	486	24
NuTech/G2 Gen	5F-510A	AM,B	110	178.4	15.1	1	30.4	479	25
LG Seeds	LG5618STXRIB	STX,B	112	174.9	15.3	1	32.4	469	26
Dyna-Gro	D51SS54	STX	111	173.8	14.3	1	30.4	468	27
Prairie Brand	5815RA	STX,B	108	173.1	14.6	1	30.4	466	28
Renk	RK877DGV2P	VT2P,DG,B	111	172.3	14.6	1	30.9	463	29
Taylor	8012VT2ProDG	VT2P,DG,B	112	170.7	14.6	1	29.9	459	30
LG Seeds	LG5565STXRIB	STX,B	108	169.8	14.6	1	32.4	457	31
Pioneer	P1311AMXT CK	AMXT,B	113	203.5	15.4	1	30.4	544	2

Averages = **180.2** **14.8** **1** **30.4** **484**

LSD (0.10) = ns 0.3 0

LSD (0.25) = ns 0.2 0

C.V. = 11.7 Prev. years average yield, 154.3 bu/a, 3 yrs

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.037 Prices: GMO = \$2.69; non-GMO = \$2.69

Test Comments: *Despite very good planting conditions, plant height was uneven within the same hybrid in June. One third of these tests had poor ear development. Poor pollination, nubbin ears, zipper ears and tip die-back was common in this area along with very low yield. The remaining 2/3 looked awesome with very good long ears and shallow kernels. The highly variable yield results are unreliable, thus rejected.*

† 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: Roundup, Force
 FERTILITY - Applied N: 160 Fall
 Applied N-P-K (units): 160-0-0
 SEEDING - RATE - ROW: May 7 30,400 /A 30" spacing
 HARVESTED - STAND: Oct 12 30,700 /A

Full-Season Test

113 - 116 Day CRM

B2016MONW35b

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
Lewis	14DP857	VT2P,B	114	207.4	14.6	1	30.9	558	1
FS InVISION	FS 66ZV1	VT2P	116	205.4	16.0	1	32.4	545	2
LG Seeds	LG5650STX	STX	114	199.4	16.0	1	30.4	529	3
NK Brand	N74R-3000GT GC	3000GT	114	196.9	16.1	1	28.9	522	5
Prairie Brand	6367SX	STX	113	195.5	15.3	1	31.9	524	4
Taylor	8070VT2ProDG	VT2P,DG	112	193.6	14.5	1	30.9	521	6
Pfister	2770RASS	STX,B	113	192.5	16.1	1	29.4	510	9
NuTech/G2 Gen	5F-713^	AM,B	113	191.4	15.0	1	31.9	515	7
Wyffels	W7696RIB	VT2P,B	113	190.7	15.0	1	29.4	513	8
Kruger	KR-4917	VT2P,B	116	189.3	16.0	1	29.4	502	10
Renk	RK935SSTX	STX,B	114	186.0	15.4	1	29.9	498	11
NuTech/G2 Gen	5F-015^	AM,B	115	185.2	15.8	1	31.4	493	13
Taylor	8835VT2Pro	VT2P	114	185.0	16.0	1	30.4	491	14
Taylor	EXP C-115-13	VT2P	115	183.6	14.9	1	30.9	497	12
Golden Harvest	G18D87-3000GT	3000GT	118	183.8	17.1	1	31.9	480	21
Kruger	K4R-9116	STX,B	116	183.6	15.8	1	33.4	488	16
NK Brand	N78S-3111 GC	3111	116	183.1	15.8	1	30.9	487	18
Pfister	73C1VX	HXT,RR2	113	181.9	15.2	1	29.9	488	17
NuTech	5N-914	3000GT	114	181.9	16.0	1	29.9	483	19
Golden Harvest	G16K01-3111	3111	116	180.6	15.9	1	31.4	480	22
Wyffels	W8918	STX	116	180.2	15.6	1	32.4	481	20
Pfister	3488HR	HXT,RR2	115	179.4	15.9	1	31.9	477	26
Prairie Brand	6394RA	STX,B	114	178.7	16.1	1	29.9	473	27
Renk	RK924DGV,VT2P	VT2P,DG,B	114	178.5	14.7	1	31.4	480	23
NuTech/G2 Gen	5F-515^	AM,B	115	178.0	15.1	1	29.4	478	24
Stine	R9741VT3Pro GC	VT3P,B	112	177.6	15.0	1	29.9	478	25
Pfister	73A2SS	STX	113	174.5	15.3	1	29.4	467	29
FS InVISION	FS 63ZV1 RIB	VT2P,B	113	174.3	14.7	1	31.9	469	28
NuTech/G2 Gen	X5Z-1509^	OI	115	172.8	15.3	1	30.4	463	30
LG Seeds	LG5643STX	STX	114	172.4	15.2	1	29.9	462	31
Pioneer	P1311AMXT CK	AMXT,B	113	182.3	15.2	1	30.4	489	15

Averages = 180.0 15.5 1 30.7 481

LSD (0.10) = ns 0.5 0

LSD (0.25) = 18.2 0.3 0

C.V. = 10.7 Prev. years average yield, 154.3 bu/a, 3 yrs

Randy Meinsma

randym@firstseedtests.com, (815) 238-8007

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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	A1108VT2ProRIB	VT2P,B	AC,P2	108					
Augusta	A5062GT3110	3110	AVC,C5	112					
Dyna-Gro	D49VC39RIB	VT2P,B	AC,P2	109					
Dyna-Gro	D51SS54	STX	AC,P5V	111					
FS InVISION	FS 60LX1	STX	AC,P5V	110					
FS InVISION	FS 60QV1 RIB	VT2P,B	AC,P2	110					
FS InVISION	FS 61SV1 RIB	VT2P,B	AC,P2	111					
FS InVISION	FS 62TV1DG RIB	VT2P,DG,B	AC,P2	112					
Golden Harvest	G07B39-3111A	3111,A	AVC,C2,Vi	109					
Golden Harvest	G07F23-3111	3111	AVC,C2,Vi	107					
Golden Harvest	G11F16-3111A	3111,A	AVC,C5,Vi	111					
Golden Harvest	G12W66-3000GT	3000GT	AVC,C5,Vi	112					
Lewis	10SS747	STX,B	AC,P5V	110					
LG Seeds	LG5548STXRIB	STX,B	AC,P5V	108					
LG Seeds	LG5554-3111	3111	AVC,C5,Vi	108					
LG Seeds	LG5565STXRIB	STX,B	AC,P5V	108					
LG Seeds	LG5618STXRIB	STX,B	AC,P5V	112					
NK Brand	N66V-3000GT	3000GT	AVC,C5,Vi	110					
NK Brand	N70J-3111A	3111,A	AVC,C5,Vi	112					
NuTech	5N-410	3000GT	MQ,P5V,R	110					
NuTech	X5V-0707	3111	AVC,C2,Vi	107					
NuTech/G2 Gen	5F-308^	AM,B	MQ,P5V,R	108					
NuTech/G2 Gen	5F-311^	AM,AQ,B	MQ,P5V,R	111					
NuTech/G2 Gen	5F-510^	AM,B	MQ,P5V,R	110					
NuTech/G2 Gen	5F-709^	AM,AQ,B	MQ,P5V,R	109					
Pfister	2545RASS	STX,B	CM,C5,Vi,In	107					
Pfister	3366RASS	STX,B	CM,C5,Vi,In	112					
Pfister	70A1SSR	STX	CM,C1,Vi,In	110					
Pfister	71C1VX	HXT,RR2	CM,C1,Vi,In	111					
Pioneer	P1311AMXT CK	AMXT,B	MQ,P1V,R	113					
Prairie Brand	5815RA	STX,B	CM,C5,Vi,In	108					
Prairie Brand	6247SX	STX	CM,C1,Vi,In	112					
Renk	RK810SSTX	STX,B	AC,P5V	110					
Renk	RK815SSTX	STX	AC,P5V	111					
Renk	RK871VT2P	VT2P,B	AC,P2	111					
Renk	RK877DGV2P	VT2P,DG,B	AC,P2	111					
Taylor	8012VT2ProDG	VT2P,DG,B	AC,P2	112					
Taylor	8808VT2ProRIB	VT2P,B	CM,C2	108					
Taylor	8821VT2Pro	VT2P	AC,P2	110					
Taylor	EXP A-109-13	VT2P,B	AC,P2	109					
Wyffels	W6946DGRIB	VT2P,DG,B	AC,P2	111					
Wyffels	W7456RIB	VT2P,B	AC,P2	112					

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Full-Season Test Products (42 Total)

Company/Brand	Product/Brand	Technol.	Seed Trt.	RM	Company/Brand	Product/Brand	Technol.	Seed Trt.	RM
Augusta	A5664GT3000	3000GT	CM,C1	114					
Epley	E2305RR	RR2	MQ	113					
FS InVISION	FS 63ZV1 RIB	VT2P,B	AC,P2	113					
FS InVISION	FS 64SX1 RIB	STX,B	AC,P5V	114					
FS InVISION	FS 66ZV1	VT2P	AC,P5V	116					
Golden Harvest	G14R38-3000GT	3000GT	AVC,C5,Vi	114					
Golden Harvest	G16K01-3111	3111	AVC,C5,Vi	116					
Golden Harvest	G18D87-3000GT	3000GT	AVC,C5,Vi	118					
Kruger	K4R-9116	STX,B	AC,P5V	116					
Kruger	KR-4917	VT2P,B	AC,P5V	116					
Lewis	14DP857	VT2P,B	AC,P5V	114					
LG Seeds	LG5643STX	STX	AC,P5V	114					
LG Seeds	LG5650STX	STX	AC,P5V	114					
LG Seeds	LG5663VT2PRIB	VT2P,B	AC,P5V	115					
NK Brand	N74R-3000GT GC	3000GT	AVC,C5,Vi	114					
NK Brand	N78S-3111 GC	3111	AVC,C5,Vi	116					
NuTech	5N-914	3000GT	MQ,P5V,R	114					
NuTech/G2 Gen	5F-015^	AM,B	MQ,P5V	115					
NuTech/G2 Gen	5F-515^	AM,B	MQ,P5V,R	115					
NuTech/G2 Gen	5F-713^	AM,B	MQ,P5V,R	113					
NuTech/G2 Gen	X5Z-1509^	OI	MQ,P1V,R	115					
Pfister	2770RASS	STX,B	CM,C5,Vi,In	113					
Pfister	3488HR	HX,RR2	CM,C5,Vi,In	115					
Pfister	73A2SS	STX	CM,C1,Vi,In	113					
Pfister	73C1VX	HXT,RR2	CM,C1,Vi,In	113					
Pioneer	P1311AMXT CK	AMXT,B	MQ,P1V,R	113					
Prairie Brand	6367SX	STX	CM,C1,Vi,In	113					
Prairie Brand	6394RA	STX,B	CM,C5,Vi,In	114					
Renk	RK924DGV2P	VT2P,DG,B	AC,P2	114					
Renk	RK935SSTX	STX,B	AC,P5V	114					
Renk	RK941SSTX	STX,B	AC,P5V	114					
Renk	RK961SSTX	STX	AC,P5V	116					
Stine	R9741VT3Pro GC	VT3P,B	AC,P2	112					
Stine	R9808EVT3Pro GC	VT3P,B	AC,P2	114					
Taylor	8070VT2ProDG	VT2P,DG	AC,P2	112					
Taylor	8835VT2Pro	VT2P	AC,P2	114					
Taylor	EXP A-113-13	VT2P	AC,P2	113					
Taylor	EXP C-115-13	VT2P	AC,P2	115					
Wyffels	W7696RIB	VT2P,B	AC,P2	113					
Wyffels	W7888RIB	STX,B	AC,P5V	114					
Wyffels	W8268	STX	AC,P5V	116					
Wyffels	W8918	STX	AC,P5V	116					

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. HPT® brand seed is distributed by Hoegemeyer Hybrids, 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®, HPT®, 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
3110	Agrisure® Viptera® 3110 (Vip, CB,LL,GT)	HXRW	Herculex® Rootworm, contains LL
3111	Agrisure® Viptera® 3111 (Vip,CB,RW,LL,GT)	HXT	Herculex® Xtra (HX,HXRW,LL)
3122	Agrisure® 3122 (CB,HXX,RW,LL,GT)	HXT,RR2	Herculex® Xtra, Roundup Ready 2 Corn
3220	Agrisure® Viptera® 3220 (Vip,CB,HX,LL,GT)	LL	LibertyLink®
A	Agrisure® Artesian®	None	conventional corn
AM	Optimum® AcreMax® (YGCB,HX,LL,RR2)	OI	Optimum® Intrasect®, YHR (YGCB,HX,LL,RR2)
AMT	Optimum® AcreMax® TRIsect (HX,RW,LL,RR2)	OIX	Optimum® Intrasect® Xtra, YXR (YGCB,HXT,LL,RR2)
AMX	Optimum® AcreMax® Xtra (YGCB,HXT,LL,RR2)	OIXT	Optimum® Intrasect® Xtreme, CYXR (YGCB,HXT,RW,LL,RR2)
AMXT	Optimum® AcreMax® Xtreme (YGCB,HXT,RW,LL,RR2)	RR2	Roundup Ready® 2 Corn
AQ	Optimum® AQUAMax®	RW	Agrisure® Rootworm
B	Refuge Blend	STX	SmartStax® (VT3P,HXT,RR2,LL)
CB	Agrisure® Corn Borer	VT2P	Genuity® VT Double PRO®
DG	Genuity® DroughtGard®	VT3P	Genuity® VT Triple PRO®
GT	Agrisure® GT	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**

n/a	information not provided	In	Intego™ Solo
A	Allegiance®	L	Lorsban®
AC	Accelaron® fungicide products	Lu	Lumivia™
AChD	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®
CM	CruiserMaxx® Corn	V	Votivo®
D	Dynasty®	Vi	Vibrance®
Es	Escalate®		

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