

2012 BETTER HYBRIDS Harvest Report for Missouri Northwest [MONW]

Don Meservey, Grundy County, MO 64683 [TRENTON]

EARLY SEASON TEST

107 - 112 Day CRM

PREV. CROP/HERB: Corn / Watchman, 2,4-D, Atrazine, Roundup PowerMax B2MONW32a
 SOIL DESCRIPTION: Grundy silty clay loam, mod. well drained, minimum w/ fall till, non-irrigated
 SOIL CONDITION: Moderate P, moderate K, 6.2 pH, 3% OM
 PEST MANAGEMENT: Roundup PowerMax, Silencer, Watchman, Atrazine, 2,4-D, Force 30" ROW SPACING
 FERTILITY - Applied N: 170 Fall
 Applied N-P-K (units): 170-0-0
 SEEDING - RATE: May 14 31,400 /A TOP 30 OF 42 FOR GROSS INCOME (SORTED BY YIELD)
 HARVESTED - STAND: Oct 8 26,000 /A AVERAGE of (3) REPLICATIONS

Company/Brand	Product/Brand†	Technol.†	Seed Treatment†	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
FS InVISION	FS 62MV4	VT3P	AC,P2	112	82.2	14.4	1	25.4	658	1
AgriGold	A6486VT3Pro	VT3P	AC,P5V	111	73.9	14.4	1	27.5	591	2
Lewis	1311VT3P	VT3P	AC,P5V	111	68.6	15.2	1	25.8	548	3
Kruger	K-7810	VT3P	AC,P5V	110	66.1	13.3	1	26.3	529	4
Kruger	K-7312	VT3P	AC,P2	112	64.0	14.0	1	23.0	512	5
Channel	212-17VT3P	VT3P	AC,P5V	112	62.2	14.0	1	26.3	498	6
Taylor	8812	VT2P	AC,P2	112	60.4	14.6	1	27.1	483	7
G2 Genetics	5Z-1205^	OI,RR2	MQ,R,P1V	112	59.9	9.7	1	27.1	479	8
AgriGold	A6476VT3Pro	VT3P	AC,P5V	111	59.8	15.2	15	25.4	478	9
AgriGold	A6478VT3Pro	VT3P	AC,P5V	111	56.6	14.5	1	27.5	453	10
FS InVISION	FS 60TV4	VT3P	AC,P2	110	54.5	13.7	1	25.8	436	11
Pfister	2660GT	3000GT	AVC,C2	110	53.7	14.5	1	26.7	430	12
Pfister	2674HXTR	HXT,RR2	AVC,C2	111	53.4	13.8	1	26.7	427	13
Channel	211-99VT3P	VT3P	AC,P5V	111	53.4	14.3	1	26.3	427	14
G2 Genetics	5X-411^	HXT,RR2	MQ,R,C2	111	52.5	9.9	10	27.9	420	15
Stine	9732VT3Pro	VT3P	AC,P2	111	52.0	14.3	1	24.6	416	16
Taylor	8811	VT2P	AC,P2	111	51.6	9.8	1	25.4	413	17
Kruger	K-7911	VT3P	AC,P5V	111	51.1	13.4	1	26.3	409	18
G2 Genetics	3D-811AMX^	AMX,RR2	MQ,R,C2	112	50.5	14.2	1	26.3	404	19
Partners Brand	PB 8242-3111 GC	3111	OE,C2,Pr	112	48.8	14.9	1	25.0	390	20
Pfister	2574SS	STX	AVC,C2	110	47.8	7.3	1	26.7	382	21
NuTech	5B-410	GT/OB/LL	MQ,R,C2	110	45.7	9.6	1	26.3	366	22
Merschman	M-1213F-10 GC	VT3	AC,P5V	113	44.9	9.6	1	22.5	359	23
Merschman	M-1211K-13 GC	VT3P	AC,P5V	111	44.5	14.7	6	25.8	356	24
FS InVISION	FS 59SV4	VT3P	AC,P2	109	43.8	13.5	1	26.7	350	25
G2 Genetics	5H-1005^	HX,RR2	MQ,R,P1V	110	42.6	13.7	1	26.7	341	26
Kruger	K-7211	VT3P	AC,P5V	111	40.4	9.3	2	26.7	323	27
Lewis	1308VT3P	VT3P	AC,P5V	109	37.2	13.6	4	25.4	298	29
Stine	9731VT3Pro	VT3P	AC,P2	110	33.9	15.8	1	24.2	270	30
LG Seeds	LG2549VT3	VT3	AC,P5V	109	32.1	13.1	1	27.1	257	31
Garst	84H71-3000GT CK	3000GT	MQ,C2	112	40.5	17.4	1	27.9	321	28
Test Average =					45.1	12.4	2	26.0	360	
LSD (0.10) =					27.0	6.6	5			
C.V. =					44.0	39.3				

TEST COMMENTS: This was not a good year for corn on corn in this area. Later maturity corn had more pollination problems than earlier hybrids. Signs of drought stress, very small ears, incomplete kernel set and short plants were observed. Ear shanks were very weak with corn ears on the ground before harvest. Some weed pressure due to poor corn canopy. Ear mold was present. Lat: 40.02525, Long: -93.57035

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.033 Price = \$8.00

† See last page for Product/Brand, Technology and Seed Treatment information.
 † Identifies the check brand included in early- and full-season tests. **Bold** yields are significantly above test average. **Italicized** brands exceed the grain moisture limit for this test. **GC** = grower comparison product, **ns** = not significantly different

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Don Meservey, Grundy County, MO 64683 [TRENTON]

FULL SEASON TEST

113 - 116 Day CRM

B2MONW32b

PREV. CROP/HERB: Corn / Watchman, 2,4-D, Atrazine, Roundup PowerMax
 SOIL DESCRIPTION: Grundy silty clay loam, mod. well drained, minimum w/ fall till, non-irrigated
 SOIL CONDITIONS: Moderate P, moderate K, 6.2 pH, 3% OM
 PEST MANAGEMENT: Roundup PowerMax, Silencer, Watchman, Atrazine, 2,4-D, Force
 FERTILITY - Applied N: 170 Fall
 Applied N-P-K (units): 170-0-0

30" ROW SPACING

SEEDED - RATE: May 14 31,400 /A
 HARVESTED - STAND: Oct 8 25,800 /A

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
Kruger	K4R-9514	STX-R	AC,P2	114	33.5	14.0	1	25.8	268	1
FS InVISION	FS 65CX1 RIB	STX-R	AC,P2	115	32.5	14.6	2	27.5	260	2
Garst	83G41-3000GT GC	3000GT	MQ,C2	114	32.0	9.7	1	26.3	256	3
Channel	215-52VT3P	VT3P	AC,P5V	115	29.0	13.9	1	26.3	232	4
Merschman	M-1314D-15 GC	VT3P	AC,P5V	114	28.1	8.7	3	25.4	225	5
Merschman	M-1215D-15 GC	VT3P	AC,P5V	115	26.7	15.2	1	25.8	213	6
FS InVISION	FS 66S44	3000GT	AC,P2	116	24.0	11.0	17	27.5	192	7
FS InVISION	FS 63SV4	VT3P	AC,P2	113	18.9	9.0	1	22.5	151	8
AgriGold	A6533VT3	VT3	AC,P5V	113	18.8	4.7	1	25.0	150	9
Dyna-Gro	D53VP61	VT3P	AC,P2	113	18.4	10.3	3	25.4	147	10
LG Seeds	LG2620VT3	VT3	AC,P5V	113	17.2	4.4	1	27.1	138	11
Kruger	K-7615	VT3P	AC,P5V	115	15.6	8.8	1	24.6	125	12
Channel	214-14VT3P	VT3P	AC,P5V	114	15.5	4.6	6	25.8	122	13
Channel	213-40VT3P	VT3P	AC,P5V	113	14.2	5.1	6	26.3	114	14
Pfister	3507HR	HX,RR2	AVC,C2	116	13.4	4.8	13	26.7	107	15
G2 Genetics	5X-915^	HX,RR2	MQ,R,C2	115	11.7	0.0	1	25.4	94	16
Stine	9806VT3Pro	VT3P	AC,P2	115	11.4	5.2	1	24.6	91	17
Pfister	3488HR	HX,RR2	AVC,C2	115	11.0	5.1	11	25.4	88	18
Garst	83R38-5000GT GC	3000GT	CE,C2	114	10.9	0.0	5	26.7	87	19
NuTech	5N-517	3000GT	MQ,R,C2	116	8.6	0.0	3	26.7	69	20
G2 Genetics	5X-214^	HX,RR2	MQ,R,C2	113	6.2	0.0	2	27.1	50	21
Pfister	2728HR	HX,RR2	AC,P2	113	5.2	0.0	1	25.0	42	23
AgriGold	A6573VT3Pro	VT3P	AC,P5V	113	5.0	0.0	1	25.4	40	24
Lewis	1215VT3P	VT3P	AC,P5V	115	3.8	0.0	1	23.8	30	25
LG Seeds	LG2636VT3Pro	VT3P	AC,P5V	114	3.4	0.0	1	27.5	27	26
Stine	9808VT3Pro	VT3P	AC,P2	116	3.4	0.0	1	26.7	27	27
AgriGold	A6553VT3	VT3	AC,P5V	113	3.2	0.0	1	27.1	26	28
G2 Genetics	5H-117^	HX,RR2	MQ,R,C2	116	2.8	0.0	1	26.7	22	29
Lewis	1313VT3P	VT3P	AC,P5V	113	2.8	0.0	6	26.3	22	30
Channel	216-63VT3	VT3	AC,P5V	116	2.6	0.0	4	25.4	21	31
Garst	84H71-3000GT CK	3000GT	MQ,C2	112	5.6	0.0	6	25.4	45	22
Test Average =					10.7	3.6	3	25.8	85	
LSD (0.10) =					12.8	6.3	7			
C.V. =					87.5	128.1				

TEST COMMENTS: This was not a good year for corn on corn in this area. Later maturity corn had more pollination problems than earlier hybrids. Signs of drought stress, very small ears, incomplete kernel set and short plants were observed. Ear shanks were very weak with corn ears on the ground before harvest. Some weed pressure due to poor corn canopy. Ear mold was present.

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Footnotes, Abbreviations, and Trademarks

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. VPMMaxx® 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®, VPMMaxx® and XL® are registered trademarks of DuPont Pioneer.

Technologies

3111	Agrisure® Viptera™ 3111
3122	Agrisure® 3122
4011	Agrisure® 4011
3000GT	Agrisure® 3000GT
AM1	Optimum® AcreMax® 1
AMX	Optimum® AcreMax® Xtra
CB/LL	Agrisure® CB/LL
CB/LL/RW	Agrisure® CB/LL/RW
Conv	Conventional, non-GMO
GT	Agrisure® GT
GT/CB/LL	Agrisure® GT/CB/LL
HX	HERCULEX® I Insect Protection
HXT	HERCULEX® XTRA Insect Protection
LL	LibertyLink®
OI	Optimum® Intrasect™
RR	Roundup Ready® Soybeans
RR2	Roundup Ready® Corn 2
RR2Y	Genuity® Roundup Ready 2 Yield®
STS	STS® - sulfonylurea tolerant soybeans
STX	SmartStax®
STX-R	SmartStax® Refuge Corn Blend
VT2P	Genuity® VT Double PRO®
VT2P-R	Genuity® VT Double PRO® RIB Corn Blend
VT3	YieldGard VT Triple®
VT3P	Genuity® VT Triple PRO®
VT3P-R	Genuity® VT Triple PRO® RIB Corn Blend

Seed Treatments

A	Allegiance®
Ac	Acceleron® Products
Am	ApronMaxx®
Ap	Apron XL®
Avc	Avicta® Complete Corn
C2, C5, C1	Cruiser® at 0.25, 0.5 and 1.25 mg ai/seed
Ce	Cruiser® Extreme
CMB	CruiserMaxx® Beans
D	Dynasty®
Es	Escalate®
Ex	Excalibre™
G	Gaucho®
I	Inovate™ System
Mq	Maxim® Quattro
Mx	Maxim® XL
None	untreated
O	Optimize®
P2, P5, P1	Poncho® at 0.25, 0.5 and 1.25 mg ai/seed
Pr	Protinus™
R	Raxil®
Rc	Rancona®
S	Stamina®
SDPI	Servo™ DPI
SS+	SoyShield™ Plus
SStd	SureStand™
T	Trilex®
T2	Trilex® 2000
T6	Trilex® 6000
Th	thiabendazole
V	VOTIVO®
Z	zinc

Trademarks

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