

2012 BETTER HYBRIDS Harvest Report for Missouri Northwest [MONW]

Mike Barmann, Nodaway County, MO 64468 [MARYVILLE]

EARLY SEASON TEST

107 - 112 Day CRM

PREV. CROP/HERB: Soybean / Roundup B2MONW36a
 SOIL DESCRIPTION: Zook silty clay loam, mod. well drained, minimum w/o fall till, non-irrigated
 SOIL CONDITION: High P, high K, 6.5 pH, 3.4% OM
 PEST MANAGEMENT: Balance Flexx, Roundup, Force 30" ROW SPACING
 FERTILITY - Applied N: 150 Fall
 Applied N-P-K (units): 150-50-50
 SEEDED - RATE: May 6 31,400 /A TOP 30 OF 42 FOR GROSS INCOME (SORTED BY YIELD)
 HARVESTED - STAND: Sep 27 31,600 /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
Pfister	2574SS	STX	AVC,C2	110	96.8	20.7	1	31.4	737	2
Stine	9731VT3Pro	VT3P	AC,P2	110	86.1	21.1	2	33.9	654	3
Pfister	2674HXTR	HXT,RR2	AVC,C2	111	84.8	21.5	1	30.4	643	5
FS InVISION	FS 59SV4	VT3P	AC,P2	109	84.5	20.4	1	28.9	644	4
Stine	9732VT3Pro	VT3P	AC,P2	111	83.8	22.1	1	29.9	634	6
LG Seeds	LG2602VT3Pro	VT3P	AC,P5V	112	81.8	20.9	1	30.4	622	8
Kruger	K-7211	VT3P	AC,P5V	111	81.7	19.8	1	32.4	624	7
AgriGold	A6478VT3Pro	VT3P	AC,P5V	111	80.3	21.2	1	28.4	610	9
AgriGold	A6458VT3	VT3	AC,P5V	109	77.1	17.8	1	31.9	594	10
Taylor	8812	VT2P	AC,P2	112	76.5	21.6	1	33.4	580	11
FS InVISION	FS 62MV4	VT3P	AC,P2	112	75.6	24.0	1	32.9	567	14
Lewis	1311VT3P	VT3P	AC,P5V	111	74.5	19.6	1	33.4	570	12
Kruger	K-7312	VT3P	AC,P2	112	74.5	20.8	1	31.9	567	15
G2 Genetics	5Z-1205^	OI,RR2	MQ,R,P1V	112	74.2	19.6	1	32.4	568	13
Lewis	1308VT3P	VT3P	AC,P5V	109	72.9	22.1	1	31.4	552	17
LG Seeds	LG2549VT3	VT3	AC,P5V	109	72.6	19.2	1	33.9	556	16
FS InVISION	FS 61BX1 RIB	STX-R	AC,P2	111	71.8	19.0	1	32.4	551	18
G2 Genetics	5X-411^	HXT,RR2	MQ,R,C2	111	71.8	21.9	1	30.4	544	20
Channel	212-17VT3P	VT3P	AC,P5V	112	71.3	20.3	1	33.9	544	21
Stine	9728EVT3Pro	VT3P	AC,P2	109	71.2	19.2	1	28.4	546	19
Channel	209-85VT3P	VT3P	AC,P5V	109	70.6	25.7	1	34.4	526	23
Taylor	8811	VT2P	AC,P2	111	69.7	22.5	1	31.4	526	22
G2 Genetics	3D-811AMX^	AMX,RR2	MQ,R,C2	112	68.7	21.6	15	29.4	521	24
G2 Genetics	5H-1005^	HX,RR2	MQ,R,P1V	110	68.2	21.8	1	29.4	517	25
Kruger	K-7810	VT3P	AC,P5V	110	66.7	18.8	1	31.9	512	26
AgriGold	A6486VT3Pro	VT3P	AC,P5V	111	66.4	23.5	14	32.4	499	30
Taylor	8820	VT2P	AC,P2	112	65.8	21.1	1	33.9	500	29
NuTech	5N-910	3000GT	MQ,R,C2	110	65.6	19.5	1	30.9	502	27
Channel	212-26VT2P	VT2P	AC,P5V	112	65.6	21.8	1	33.9	497	31
Kruger	K-7911	VT3P	AC,P5V	111	65.3	18.7	1	30.9	501	28
Garst	84H71-3000GT CK	3000GT	MQ,C2	112	98.5	21.2	1	30.4	748	1
Test Average =					70.2	21.0	2	31.6	534	
LSD (0.10) =					13.5	1.6	5			
C.V. =					14.1	5.7				


 F.I.R.S.T. Manager

TEST COMMENTS: *This site had problems from the start. Planted after area rains, it did not emerge uniformly. Summer turned hot and dry to hamper growth. Plants were short with low ear placement and weak ear shanks resulting in dropped ears before harvest. Poor crop canopy allowed late season weed emergence. Earlier planted area fields fared much better.*
Lat: 40.28373, Long: -94.83777

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.033 Price = \$7.80

† 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

2012 BETTER HYBRIDS Harvest Report for Missouri Northwest [MONW]

Mike Barmann, Nodaway County, MO 64468 [MARYVILLE]

FULL SEASON TEST

113 - 116 Day CRM

B2MONW36b

 PREV. CROP/HERB: Soybean / Roundup
 SOIL DESCRIPTION: Zook silty clay loam, mod. well drained, minimum w/o fall till, non-irrigated
 SOIL CONDITIONS: High P, high K, 6.5 pH, 3.4% OM
 PEST MANAGEMENT: Balance Flexx, Roundup, Force
 FERTILITY - Applied N: 150 Fall
 Applied N-P-K (units): 150-50-50

30" ROW SPACING

 SEEDED - RATE: May 6 31,400 /A
 HARVESTED - STAND: Sep 27 31,900 /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
Lewis	1215VT3P	VT3P	AC,P5V	115	115.2	22.2	1	30.9	871	2
AgriGold	A6553VT3	VT3	AC,P5V	113	115.0	20.6	1	31.9	876	1
Garst	83G41-3000GT GC	3000GT	MQ,C2	114	114.1	24.0	1	31.9	856	4
NuTech	5N-517	3000GT	MQ,R,C2	116	112.5	26.4	2	33.9	835	7
LG Seeds	LG2620VT3	VT3	AC,P5V	113	111.9	19.2	1	30.9	857	3
Pfister	2728HR	HX,RR2	AC,P2	113	110.1	19.1	3	32.9	844	5
Channel	215-52VT3P	VT3P	AC,P5V	115	110.1	21.3	1	32.4	836	6
Kruger	K-7215	VT3P	AC,P5V	114	109.4	22.2	1	32.9	827	8
Partners Brand	PB 8378VT3 GC	VT3	AC,P5V	113	108.5	24.3	1	29.9	813	10
Stine	9734VT3Pro	VT3P	AC,P2	113	107.9	20.2	1	30.9	823	9
AgriGold	A6533VT3	VT3	AC,P5V	113	104.5	20.1	1	32.4	798	11
Lewis	1313VT3P	VT3P	AC,P5V	113	103.7	23.1	1	32.9	781	12
LG Seeds	LG2636VT3Pro	VT3P	AC,P5V	114	102.8	21.8	1	32.9	779	13
FS InVISION	FS 66S44	3000GT	AC,P2	116	102.2	24.6	4	34.4	765	14
Pfister	3488HR	HX,RR2	AVC,C2	115	100.3	23.6	1	31.4	754	15
Garst	83R38-3000GT GC	3000GT	CE,C2	114	99.7	25.4	1	29.9	743	17
Pfister	3507HR	HX,RR2	AVC,C2	116	98.9	26.0	1	30.9	736	19
FS InVISION	FS 63SV4	VT3P	AC,P2	113	98.5	21.2	1	33.9	748	16
Merschman	M-1215D-15 GC	VT3P	AC,P5V	115	98.0	24.0	1	32.9	735	20
Merschman	M-1314D-15 GC	VT3P	AC,P5V	114	97.3	21.2	1	27.9	739	18
FS InVISION	FS 65CX1 RIB	STX-R	AC,P2	115	95.6	24.8	1	33.9	715	22
AgriGold	A6573VT3Pro	VT3P	AC,P5V	113	95.2	22.0	1	33.4	721	21
Stine	9808VT3Pro	VT3P	AC,P2	116	92.7	26.4	1	33.4	688	25
Kruger	K-7615	VT3P	AC,P5V	115	92.3	23.0	1	33.9	696	23
Stine	9733VT3Pro	VT3P	AC,P2	113	91.2	21.8	1	34.4	691	24
Dyna-Gro	D53VP61	VT3P	AC,P2	113	89.6	23.8	1	33.9	673	27
FS InVISION	FS 64JV4	VT3P	AC,P2	114	89.0	19.5	1	32.4	681	26
Channel	214-14VT3P	VT3P	AC,P5V	114	86.3	25.9	1	32.4	642	30
AgriGold	A6517VT3Pro	VT3P	AC,P5V	113	85.0	22.2	1	32.4	643	29
G2 Genetics	5Z-1204^	OI,RR2	MQ,R,P1V	113	82.5	23.0	1	30.4	622	31
Garst	84H71-3000GT CK	3000GT	MQ,C2	112	86.0	22.0	1	33.9	651	28
Test Average =					92.5	22.9	1	31.9	698	
LSD (0.10) =					14.4	2.1	3			
C.V. =					11.4	6.8				


 F.I.R.S.T. Manager

TEST COMMENTS: This site had problems from the start. Planted after area rains, it did not emerge uniformly. Summer turned hot and dry to hamper growth. Plants were short with low ear placement and weak ear shanks resulting in dropped ears before harvest. Poor crop canopy allowed late season weed emergence. Earlier planted area fields fared much better. Lat: 40.28373, Long: -94.83777

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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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