

2012 BETTER HYBRIDS Harvest Report for Missouri Northwest [MONW]

Erik Sheil, Ringgold County, IA 50854 [MT. AYR]

EARLY SEASON TEST

107 - 112 Day CRM

PREV. CROP/HERB: Soybean / Roundup B2MONW35a
 SOIL DESCRIPTION: Grundy silty clay loam, well drained, minimum w/o fall till, non-irrigated
 SOIL CONDITION: Moderate P, moderate K, 6 pH, 3% OM
 PEST MANAGEMENT: Atrazine, TripleFlex, Warrior, Touchdown, Force 30" ROW SPACING
 FERTILITY - Applied N: 160 Fall
 Applied N-P-K (units): 171-52-60
 SEEDED - RATE: May 6 34,200 /A TOP 30 OF 42 FOR GROSS INCOME (SORTED BY YIELD)
 HARVESTED - STAND: Sep 20 32,300 /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	2674HXTR	HXT,RR2	AVC,C2	111	101.0	20.9	1	32.9	768	1
Pfister	2574SS	STX	AVC,C2	110	100.0	22.2	2	32.4	756	2
Kruger	K-7211	VT3P	AC,P5V	111	99.2	21.3	2	28.4	753	3
FS InVISION	FS 62MV4	VT3P	AC,P2	112	96.2	27.2	1	33.4	712	7
FS InVISION	FS 60TV4	VT3P	AC,P2	110	95.8	19.1	1	33.4	734	4
Lewis	1308VT3P	VT3P	AC,P5V	109	95.4	18.7	2	31.9	733	5
G2 Genetics	3D-811AMX^	AMX,RR2	MQ,R,C2	112	95.2	21.8	1	31.9	721	6
Kruger	K-7911	VT3P	AC,P5V	111	92.6	18.8	1	32.9	711	8
FS InVISION	FS 59SV4	VT3P	AC,P2	109	91.6	21.2	1	32.9	696	9
AgriGold	A6476VT3Pro	VT3P	AC,P5V	111	90.7	21.6	2	33.4	688	10
Channel	212-17VT3P	VT3P	AC,P5V	112	90.3	20.8	1	29.9	687	11
Taylor	8811	VT2P	AC,P2	111	90.1	25.4	1	31.4	672	12
Merschman	M-1213F-10 GC	VT3	AC,P5V	113	88.5	22.8	2	32.4	668	14
Stine	9728EVT3Pro	VT3P	AC,P2	109	88.4	21.1	1	33.4	672	13
Partners Brand	PB 8155RR GC	RR2	CE,C2,Pr	111	87.9	21.6	1	31.9	667	15
Stine	9732VT3Pro	VT3P	AC,P2	111	87.9	21.9	1	32.9	666	16
Channel	211-99VT3P	VT3P	AC,P5V	111	87.0	20.6	2	29.9	663	18
Stine	9529VT3Pro	VT3P	AC,P2	107	86.5	18.6	1	33.9	664	17
G2 Genetics	5Z-1205^	OI,RR2	MQ,R,P1V	112	86.2	21.3	1	31.4	654	19
Kruger	K-7312	VT3P	AC,P2	112	86.0	21.4	2	30.9	653	21
Lewis	1311VT3P	VT3P	AC,P5V	111	85.5	20.6	1	33.4	651	22
Kruger	K-7810	VT3P	AC,P5V	110	84.4	16.6	1	32.4	654	20
G2 Genetics	5X-411^	HXT,RR2	MQ,R,C2	111	83.6	19.4	1	31.9	640	23
Pfister	2660GT	3000GT	AVC,C2	110	83.4	22.4	1	32.4	630	24
Partners Brand	PB 8242-3111 GC	3111	CE,C2,Pr	112	81.9	24.6	11	31.9	613	27
AgriGold	A6478VT3Pro	VT3P	AC,P5V	111	81.3	22.9	6	32.4	613	28
NuTech	5N-910	3000GT	MQ,R,C2	110	80.4	18.0	4	30.9	619	26
AgriGold	A6458VT3	VT3	AC,P5V	109	80.0	20.6	1	31.9	609	29
Taylor	8820	VT2P	AC,P2	112	80.0	21.9	1	33.9	606	30
Taylor	8812	VT2P	AC,P2	112	78.4	18.5	1	33.9	603	31
Garst	84H71-3000GT CK	3000GT	MQ,C2	112	83.2	24.3	1	32.4	623	25
Test Average =					82.8	21.2	2	32.3	629	
LSD (0.10) =					9.3	1.6	8			
C.V. =					8.2	5.5				


 F.I.R.S.T. Manager

TEST COMMENTS: Site looked very good at the start but no moisture in July and high temperatures limited yield potential. Plants were tall with high ear placement which caused some problems with ear retention at harvest. Very few pest problems were noted. Ears were small with average kernel depth. Stalks were standing well but showing signs of weakness. Lat: 40.67103, Long: -94.10402

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]

Erik Sheil, Ringgold County, IA 50854 [MT. AYR]

FULL SEASON TEST

113 - 116 Day CRM

B2MONW35b

PREV. CROP/HERB: Soybean / Roundup
 SOIL DESCRIPTION: Grundy silty clay loam, well drained, minimum w/o fall till, non-irrigated
 SOIL CONDITIONS: Moderate P, moderate K, 6 pH, 3% OM
 PEST MANAGEMENT: Atrazine, TripleFlex, Warrior, Touchdown, Force
 FERTILITY - Applied N: 160 Fall
 Applied N-P-K (units): 171-52-60

30" ROW SPACING

SEEDED - RATE: May 6 34,200 /A
 HARVESTED - STAND: Sep 20 31,200 /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
Channel	215-52VT3P	VT3P	AC,P5V	115	90.7	21.5	1	32.9	688	1
Dyna-Gro	D53VP61	VT3P	AC,P2	113	87.1	21.2	1	29.4	662	3
Kruger	K-7215	VT3P	AC,P5V	114	85.3	24.0	1	31.9	640	4
Kruger	K-7615	VT3P	AC,P5V	115	84.7	23.3	1	32.4	638	5
Kruger	K-7315	VT3P	AC,P5V	115	83.4	24.0	1	27.9	626	6
Garst	83G41-3000GT GC	3000GT	MQ,C2	114	81.4	25.0	1	27.9	608	7
Partners Brand	PB 8378VT3 GC	VT3	AC,P5V	113	79.9	24.2	1	32.4	599	8
Pfister	3507HR	HX,RR2	AVC,C2	116	79.0	26.2	1	33.4	587	10
Channel	213-40VT3P	VT3P	AC,P5V	113	77.9	21.6	4	30.9	591	9
Lewis	1313VT3P	VT3P	AC,P5V	113	77.6	23.4	1	28.9	584	11
G2 Genetics	5Z-1204^	OI,RR2	MQ,R,P1V	113	76.5	22.7	1	33.4	577	12
AgriGold	A6533VT3	VT3	AC,P5V	113	75.9	22.6	4	32.9	573	13
Lewis	1215VT3P	VT3P	AC,P5V	115	74.6	22.4	1	32.9	564	14
FS InVISION	FS 65CX1 RIB	STX-R	AC,P2	115	73.6	23.5	1	33.4	553	15
FS InVISION	FS 63SV4	VT3P	AC,P2	113	73.3	22.6	1	32.4	553	16
Kruger	K4R-9514	STX-R	AC,P2	114	73.1	22.3	1	31.4	553	17
Garst	83R38-3000GT GC	3000GT	CE,C2	114	72.7	27.2	1	30.4	538	20
LG Seeds	LG2620VT3	VT3	AC,P5V	113	71.9	22.1	1	30.9	544	18
NuTech	5N-517	3000GT	MQ,R,C2	116	71.9	28.1	4	32.4	530	22
Channel	214-14VT3P	VT3P	AC,P5V	114	71.7	22.7	1	32.9	541	19
FS InVISION	FS 66S44	3000GT	AC,P2	116	71.0	26.6	1	27.9	527	23
AgriGold	A6553VT3	VT3	AC,P5V	113	70.5	22.3	2	29.4	533	21
G2 Genetics	5X-214^	HXT,RR2	MQ,R,C2	113	69.3	22.5	1	29.9	523	24
AgriGold	A6573VT3Pro	VT3P	AC,P5V	113	68.3	24.7	2	33.4	511	25
Stine	9733VT3Pro	VT3P	AC,P2	113	66.9	23.1	1	32.4	504	26
Stine	9734VT3Pro	VT3P	AC,P2	113	65.7	22.5	1	29.9	496	27
Channel	216-63VT3	VT3	AC,P5V	116	65.6	22.8	2	31.4	495	28
Stine	9808VT3Pro	VT3P	AC,P2	116	63.0	26.0	2	30.9	469	29
FS InVISION	FS 64JV4	VT3P	AC,P2	114	60.5	23.3	1	30.9	455	30
Taylor	8845	VT2P	AC,P2	114	54.6	22.1	2	32.4	413	31
Garst	84H71-3000GT CK	3000GT	MQ,C2	112	88.6	23.2	1	30.9	667	2
Test Average =					66.7	23.3	2	31.2	502	
LSD (0.10) =					14.9	2.2	3			
C.V. =					16.4	6.8				


 F.I.R.S.T. Manager

TEST COMMENTS: Site looked very good at the start but no moisture in July and high temperatures limited yield potential. Plants were tall with high ear placement which caused some problems with ear retention at harvest. Very few pest problems were noted. Ears were small with average kernel depth. Stalks were standing well but showing signs of weakness.

Lat: 40.67103, Long: -94.10402

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



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

- Excalibre™ is a trademark of Advanced Biological Marketing
- Allegiance®, Gaucho®, LibertyLink®, Poncho®, Raxil®, Trilex®, and VOTIVO™ are trademarks of Bayer AG.
- Stamina® is a trademark of BASF
- Escalate® is a trademark of Beck's Superior Hybrids, Inc.
- Rancona® is a trademark of Chemtura Corporation.
- Herculex® is a trademark of Dow AgroSciences LLC.
- STS® is a trademark of E.I. DuPont Nemours & Co.
- Optimize® is a trademark of EMD Crop BioScience Inc.
- SoyShield™ Plus is a trademark of Latham Hi-Tech Seeds
- Acceleron®, Genuity®, Roundup Ready®, Roundup Ready 2 Yield®, SmartStax®, VT Double PRO®, VT Triple PRO®, and YieldGard VT Triple® are trademarks of Monsanto Technology LLC.
- Servo DPI™ is a trademark of Ohlde Seed.
- AcreMax®, Intrasect™ and Optimum® are trademarks of Pioneer Hi-Bred.
- SureStand™ is a trademark of Steyer Seeds.
- Agrisure®, ApronMaxx®, ApronXL®, Avicta®, Cruiser®, CruiserMaxx®, Dynasty®, Maxim® and Viptera™ are trademarks of a Syngenta Group Company.
- Inovate™ System is a trademark of Valent
- Protinus™ is a trademark of Wolf Trax, Inc.