

2012 BETTER HYBRIDS Harvest Report for Missouri Northwest [MONW]

Brian Kessel, Decatur County, IA 50140 [LAMONI]

EARLY SEASON TEST

107 - 112 Day CRM

PREV. CROP/HERB: Soybean / Roundup B2MONW33a
 SOIL DESCRIPTION: Haig silty clay loam, mod. well drained, minimum w/o fall till, non-irrigated
 SOIL CONDITION: Moderate P, moderate K,
 PEST MANAGEMENT: Volley ATZ, Roundup 30" ROW SPACING
 FERTILITY - Applied N: 115 Fall, 18 Spring, 35 Planter
 Applied N-P-K (units): 168-0-0
 SEEDING - RATE: May 13 33,600 /A TOP 30 OF 42 FOR GROSS INCOME (SORTED BY YIELD)
 HARVESTED - STAND: Oct 8 32,000 /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
Taylor	8812	VT2P	AC,P2	112	70.7	17.3	3	30.9	560	1
FS InVISION	FS 59SV4	VT3P	AC,P2	109	63.9	16.7	16	33.4	508	3
Pfister	2674HXTR	HXT,RR2	AVC,C2	111	63.8	15.9	59	33.4	509	2
G2 Genetics	5X-411^	HXT,RR2	MQ,R,C2	111	62.9	18.7	9	28.4	496	5
Lewis	1308VT3P	VT3P	AC,P5V	109	62.2	15.1	17	32.9	497	4
AgriGold	A6476VT3Pro	VT3P	AC,P5V	111	61.2	8.9	30	30.9	482	6
G2 Genetics	3D-811AMX^	AMX,RR2	MQ,R,C2	112	56.8	8.6	28	32.9	448	7
Stine	9732VT3Pro	VT3P	AC,P2	111	54.9	18.1	9	32.9	434	8
Kruger	K-7911	VT3P	AC,P5V	111	54.0	17.6	22	31.9	427	9
FS InVISION	FS 60TV4	VT3P	AC,P2	110	52.9	16.3	21	32.4	421	10
NuTech	5N-910	3000GT	MQ,R,C2	110	51.4	16.3	16	32.9	409	11
Taylor	8820	VT2P	AC,P2	112	50.7	18.2	6	33.4	400	12
Kruger	K-7810	VT3P	AC,P5V	110	47.6	17.0	11	29.4	378	13
Lewis	1311VT3P	VT3P	AC,P5V	111	47.4	19.3	48	32.4	373	14
Stine	9731VT3Pro	VT3P	AC,P2	110	46.5	18.7	41	33.4	366	15
Kruger	K-7312	VT3P	AC,P2	112	45.6	18.3	26	33.4	360	16
Kruger	K-7211	VT3P	AC,P5V	111	45.3	21.1	44	30.9	353	17
FS InVISION	FS 61BX1 RIB	STX-R	AC,P2	111	43.4	16.6	6	32.9	345	18
AgriGold	A6458VT3	VT3	AC,P5V	109	43.3	16.3	2	31.9	345	19
Taylor	8811	VT2P	AC,P2	111	43.3	23.6	30	32.9	334	20
Partners Brand	PB 8155RR GC	RR2	CE,C2,Pr	111	42.1	18.0	31	30.4	333	21
Pfister	2574SS	STX	AVC,C2	110	41.6	17.5	60	31.4	329	22
Dyna-Gro	D52VP20	VT3P	AC,P2	112	38.8	19.4	35	32.9	305	23
Stine	9728EV T3Pro	VT3P	AC,P2	109	37.8	17.0	27	32.9	300	24
FS InVISION	FS 62MV4	VT3P	AC,P2	112	36.7	22.7	45	31.9	284	25
Channel	209-85VT3P	VT3P	AC,P5V	109	34.4	21.7	50	31.9	268	26
AgriGold	A6486VT3Pro	VT3P	AC,P5V	111	34.0	19.7	54	33.4	267	27
Channel	211-99VT3P	VT3P	AC,P5V	111	33.9	20.4	46	32.4	265	28
Channel	212-17VT3P	VT3P	AC,P5V	112	33.2	17.4	22	30.9	263	29
LG Seeds	LG2549VT3	VT3	AC,P5V	109	31.9	18.3	6	32.4	252	30
Garst	84H71-3000GT CK	3000GT	MQ,C2	112	20.8	19.6	12	30.9	163	38
Test Average =					40.7	17.8	26	32.0	321	
LSD (0.10) =					12.1	4.8	28			
C.V. =					21.8	19.9				

TEST COMMENTS: This plot looked good from a distance but once inside the field I discovered that yields would be low. Tall plants with root lodging, short or no ears, poor ear shanks, poor population and ear mold was seen. The drought conditions hurt this area badly. Data rejected as grain moisture could not be consistently obtained from yields less than 40 bpa. Lat: 40.59475, Long: -93.94376

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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FULL SEASON TEST

113 - 116 Day CRM

B2MONW33b

PREV. CROP/HERB: Soybean / Roundup
SOIL DESCRIPTION: Haig silty clay loam, mod. well drained, minimum w/o fall till, non-irrigated
SOIL CONDITIONS: Moderate P, moderate K,
PEST MANAGEMENT: Volley ATZ, Roundup
FERTILITY - Applied N: 115 Fall, 18 Spring, 35 Planter
Applied N-P-K (units): 168-0-0

30" ROW SPACING

SEEDED - RATE: May 13 33,600 /A
HARVESTED - STAND: Oct 8 32,300 /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
Garst	83G41-3000GT GC	3000GT	MQ,C2	114	72.9	21.6	4	33.4	567	1
LG Seeds	LG2620VT3	VT3	AC,P5V	113	71.1	18.5	18	32.9	561	2
Dyna-Gro	D53VP61	VT3P	AC,P2	113	66.7	16.6	20	31.9	530	3
Kruger	K-7315	VT3P	AC,P5V	115	65.6	19.2	3	32.4	516	4
AgriGold	A6533VT3	VT3	AC,P5V	113	63.6	17.9	14	33.9	503	5
Stine	9733VT3Pro	VT3P	AC,P2	113	63.6	19.0	18	32.9	500	6
Kruger	K-7615	VT3P	AC,P5V	115	63.6	19.6	1	30.9	499	7
Channel	213-40VT3P	VT3P	AC,P5V	113	62.0	20.2	4	31.9	485	8
NuTech	5N-517	3000GT	MQ,R,C2	116	61.6	23.7	31	31.4	475	9
Garst	83R38-3000GT GC	3000GT	CE,C2	114	60.7	23.1	8	29.9	469	10
AgriGold	A6553VT3	VT3	AC,P5V	113	59.3	19.0	34	31.9	467	11
Channel	215-52VT3P	VT3P	AC,P5V	115	57.5	20.2	7	32.9	450	12
G2 Genetics	5X-214^	HXT,RR2	MQ,R,C2	113	56.9	19.1	15	32.9	440	13
FS InVISION	FS 63SV4	VT3P	AC,P2	113	55.2	19.8	17	33.4	433	14
Pfister	3488HR	HX,RR2	AVC,C2	115	54.1	22.1	22	31.4	420	15
Channel	214-14VT3P	VT3P	AC,P5V	114	52.7	19.8	40	33.4	413	16
G2 Genetics	5Z-1204^	O,RR2	MQ,R,P1	113	52.1	19.2	16	30.4	410	17
Lewis	1313VT3P	VT3P	AC,P5V	113	51.2	18.6	1	32.9	404	18
Stine	9734VT3Pro	VT3P	AC,P2	113	50.7	19.0	4	31.9	399	19
Kruger	K-4R-3514	STX-R	AC,P2	114	50.0	19.3	5	31.9	393	20
FS InVISION	FS 64JV4	VT3P	AC,P2	114	49.9	20.1	5	32.9	391	21
Stine	9808VT3Pro	VT3P	AC,P2	116	48.9	21.1	3	33.9	381	22
Merschman	M-1215D-15 GC	VT3P	AC,P5V	115	48.6	20.9	2	29.9	379	23
Stine	9806VT3Pro	VT3P	AC,P2	115	47.8	19.5	2	33.4	375	24
Merschman	M-1314D-15 GC	VT3P	AC,P5V	114	47.2	21.2	16	33.4	368	25
FS InVISION	FS 66S44	3000GT	AC,P2	116	46.9	25.9	43	31.9	358	28
FS InVISION	FS 65CX1 RIB	STX-R	AC,P2	115	45.9	20.8	14	32.9	358	27
Partners Brand	PB 8378VT3 GC	VT3	AC,P5V	113	45.8	21.3	2	30.9	357	29
Kruger	K-7215	VT3P	AC,P5V	114	43.1	19.4	1	31.9	339	30
Lewis	1215VT3P	VT3P	AC,P5V	115	41.1	21.1	2	31.9	321	31
Garst	84H71-3000GT CK	3000GT	MQ,C2	112	46.2	18.2	4	33.4	365	26
Test Average =					47.7	18.7	17	32.3	374	
LSD (0.10) =					11.0	4.2	21			
C.V. =					17.0	16.6				

TEST COMMENTS: This plot looked good from a distance but once inside the field I discovered that yields would be low. Tall plants with root lodging, short or no ears, poor ear shanks, poor population and ear mold was seen. The drought conditions hurt this area badly.

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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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