

2012 BETTER HYBRIDS Harvest Report for Missouri Northeast [MONE]

David Shadle, Todd Agri Corp., Des Moines County, IA 52640 [MT. PLEASANT]

EARLY SEASON TEST
107 - 112 Day CRM

PREV. CROP/HERB: Soybean / Liberty, Liberty B2MONE19a
 SOIL DESCRIPTION: Taintor/Mahaska silty clay loam, mod. well drained, minimum w/o fall till, non-irrigated
 SOIL CONDITION: High P, high K, 6.8 pH, 2.5% OM
 PEST MANAGEMENT: Force, Balance Flexx, Atrazine, Laudis, Atrazine 30" ROW SPACING
 FERTILITY - Applied N: 94 Fall, 53 Spring
 Applied N-P-K (units): 147-96-40
 SEEDING - RATE: Apr 24 33,600 /A TOP 30 OF 36 FOR GROSS INCOME (SORTED BY YIELD)
 HARVESTED - STAND: Sep 27 33,900 /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	234.6	15.3	4	27.0	1,781	1
Pfister	2672HR	HX,RR2	AC,P2	111	227.6	16.9	4	39.0	1,717	2
Channel	212-17VT3P	VT3P	AC,P5V	112	223.8	15.1	4	39.0	1,700	4
LG Seeds	LG2549VT3	VT3	AC,P5V	109	223.2	14.8	4	36.2	1,696	5
LG Seeds	LG2602VT3Pro	VT3P	AC,P5V	112	220.9	16.6	4	31.6	1,668	6
Pfister	2660GT	3000GT	AVC,C2	110	217.1	15.5	4	35.3	1,647	7
AgriGold	A6458VT3	VT3	AC,P5V	109	216.9	15.3	4	31.6	1,647	8
Pioneer	P0916AM1	AM1,RR2	MQ,P1V	109	216.9	16.1	4	35.3	1,641	9
Stine	9731VT3Pro	VT3P	AC,P2	110	215.9	14.8	4	31.6	1,641	10
Channel	211-99VT3P	VT3P	AC,P5V	111	215.4	14.7	4	33.5	1,637	11
Lewis	1311VT3P	VT3P	AC,P5V	111	214.4	14.6	4	33.5	1,629	12
FS InVISION	FS 61BX1 RIB	STX-R	AC,P2	111	213.7	15.1	4	29.8	1,624	13
FS InVISION	FS 60TV4	VT3P	AC,P2	110	213.6	15.2	4	30.7	1,622	14
Pfister	2574SS	STX	AVC,C2	110	213.6	16.3	4	36.3	1,615	15
G2 Genetics	3D-811AMX^	AMX,RR2	MQ,R,C2	112	212.5	16.8	4	35.3	1,604	19
Dyna-Gro	D52VP20	VT3P	AC,P2	112	212.1	14.7	4	35.3	1,612	16
Channel	212-26VT2P	VT2P	AC,P5V	112	211.6	15.9	4	25.1	1,602	20
Kruger	KR-4510	VT2P-R	AC,P5V	110	211.3	14.3	4	34.4	1,606	17
FS InVISION	FS 59SV4	VT3P	AC,P2	109	211.2	13.7	4	36.2	1,605	18
Stine	9529VT3Pro	VT3P	AC,P2	107	209.3	14.2	4	27.9	1,591	21
NuTech	5B-410	GT/CB/LL	MQ,R,C2	110	208.8	14.9	4	38.1	1,587	22
Kruger	K-7911	VT3P	AC,P5V	111	208.7	14.8	4	30.7	1,586	23
Stine	9728EVT3Pro	VT3P	AC,P2	109	208.7	14.9	4	36.2	1,586	24
Lewis	1308VT3P	VT3P	AC,P5V	109	208.0	14.5	4	32.5	1,581	25
Kruger	K-7810	VT3P	AC,P5V	110	206.9	13.7	4	38.1	1,572	26
Channel	209-85VT3P	VT3P	AC,P5V	109	205.3	15.1	4	38.1	1,560	27
AgriGold	A6476VT3Pro	VT3P	AC,P5V	111	203.4	15.0	4	36.2	1,546	28
Kruger	K-7211	VT3P	AC,P5V	111	203.2	15.4	4	31.6	1,542	29
AgriGold	A6408VT3Pro	VT3P	AC,P5V	107	201.2	14.1	4	30.7	1,529	30
FS InVISION	FS 62MV4	VT3P	AC,P2	112	201.1	15.3	4	40.0	1,527	31
Pioneer	P1184AM1 CK	AM1,RR2	MQ,P1V	111	225.2	15.1	4	31.6	1,711	3
Test Average =					210.5	15.2	4	33.9	1,597	
LSD (0.10) =					16.6	1.0	ns			
C.V. =					5.8	4.9				


 F.I.R.S.T. Manager

TEST COMMENTS: *This was a nice uniform plot, that received good timely rains when the corn needed it most. Overall stalk quality was really good, with no evidence of any diseases present. Ears were filled out nice, with good kernel depth. Shank retention was excellent, and corn was easy to harvest. Emergence was good with almost every seed germinating.*
Lat: 41.07432, Long: -91.28429

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.030 Price = \$7.60

† 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

B2MONE19b

PREV. CROP/HERB: Soybean / Liberty, Liberty
 SOIL DESCRIPTION: Taintor/Mahaska silty clay loam, mod. well drained, minimum w/o fall till, non-irrigated
 SOIL CONDITIONS: High P, high K, 6.8 pH, 2.5% OM
 PEST MANAGEMENT: Force, Balance Flexx, Atrazine, Laudis, Atrazine
 FERTILITY - Applied N: 94 Fall, 53 Spring
 Applied N-P-K (units): 147-96-40


30" ROW SPACING

SEEDED - RATE: Apr 24 33,600 /A
 HARVESTED - STAND: Sep 27 34,500 /A

TOP 30 OF 36 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
AgriGold	A6517VT3Pro	VT3P	AC,P5V	113	232.2	16.8	4	38.1	1,752	1
Pfister	3507HR	HX,RR2	AVC,C2	116	230.5	22.1	4	30.7	1,703	2
Channel	213-40VT3P	VT3P	AC,P5V	113	223.8	16.1	4	38.1	1,694	3
LG Seeds	LG2636VT3Pro	VT3P	AC,P5V	114	222.9	16.9	4	40.0	1,681	4
Kruger	K-7215	VT3P	AC,P5V	114	221.9	16.1	4	36.2	1,679	5
Kruger	K-7315	VT3P	AC,P5V	115	221.8	16.6	4	33.4	1,675	7
Channel	215-52VT3P	VT3P	AC,P5V	115	221.1	15.8	4	38.1	1,675	6
Kruger	K-7615	VT3P	AC,P5V	115	220.0	14.5	4	29.8	1,672	8
Pfister	3488HR	HX,RR2	AVC,C2	115	219.4	20.0	4	35.3	1,635	12
NuTech	5N-517	3000GT	MQ,R,C2	116	218.0	18.7	4	36.2	1,633	13
AgriGold	A6533VT3	VT3	AC,P5V	113	217.9	15.2	4	35.3	1,655	9
Channel	216-63VT3	VT3	AC,P5V	116	217.9	17.8	4	36.2	1,638	11
LG Seeds	LG2620VT3	VT3	AC,P5V	113	217.7	15.3	4	33.5	1,653	10
Channel	214-14VT3P	VT3P	AC,P5V	114	214.4	16.3	4	34.4	1,621	14
Lewis	1215VT3P	VT3P	AC,P5V	115	214.4	17.1	4	38.1	1,616	16
Stine	9734VT3Pro	VT3P	AC,P2	113	213.5	15.9	4	38.1	1,617	15
NK Brand	N69H-3000GT GC	3000GT	CE,C2	112	212.1	16.6	4	40.9	1,602	19
FS InVISION	FS 64JV4	VT3P	AC,P2	114	211.4	15.3	4	36.2	1,605	18
NK Brand	N74R-3000GT GC	3000GT	CE,C2	114	207.0	19.1	4	31.6	1,548	20
FS InVISION	FS 65CX1 RIB	STX-R	AC,P2	115	204.4	16.2	4	33.5	1,546	21
Pioneer	P1292AMX-R	AMX,RR2	MQ,P1V	112	202.4	15.6	4	37.2	1,535	22
FS InVISION	FS 66S44	3000GT	AC,P2	116	199.7	19.0	4	30.7	1,494	24
FS InVISION	FS 63SV4	VT3P	AC,P2	113	199.1	17.0	4	32.6	1,501	23
G2 Genetics	5H-117^	HX,RR2	MQ,R,C2	116	198.5	20.1	4	36.2	1,478	26
Kruger	K4R-9514	STX-R	AC,P2	114	197.5	16.6	4	39.0	1,492	25
Stine	9808VT3Pro	VT3P	AC,P2	116	197.3	19.1	4	33.5	1,475	28
Dyna-Gro	D53VP61	VT3P	AC,P2	113	194.5	15.8	4	30.7	1,474	29
Lewis	1313VT3P	VT3P	AC,P5V	113	194.4	14.0	4	32.6	1,477	27
Stine	9733VT3Pro	VT3P	AC,P2	113	188.4	15.8	4	36.2	1,427	30
AgriGold	A6553VT3	VT3	AC,P5V	113	187.8	15.6	4	34.4	1,424	31
Pioneer	P1184AM1 CK	AM1,RR2	MQ,P1V	111	212.3	15.2	4	36.2	1,612	17
					Test Average =	206.9	16.9	4	34.5	1,560
					LSD (0.10) =	14.7	1.6	ns		
					C.V. =	5.2	7.1			



F.I.R.S.T. Manager

TEST COMMENTS: *This was a nice uniform plot, that received good timely rains when the corn needed it most. Overall stalk quality was really good, with no evidence of any diseases present. Ears were filled out nice, with good kernel depth. Shank retention was excellent, and corn was easy to harvest. Emergence was good with almost every seed germinating.*

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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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