

2012 BETTER HYBRIDS Harvest Report for Iowa Northwest [IANW]
EARLY SEASON TEST

Greg Poe, Iowa Lakes Comm. College, Palo Alto County, IA 50536

[EMMETSBURG]

101 - 106 Day CRM

B2IANW01a

 PREV. CROP/HERB: Soybean / Glyphosate, Arrow
 SOIL DESCRIPTION: Nicollet-Canisteo silty clay loam, well drained, conventional w/o fall till, non-irrigated
 SOIL CONDITION: High P, high K, 6.5 pH, 4% OM
 PEST MANAGEMENT: SureStart, Durango, Impact, Atrazine, Force 3G
 FERTILITY - Applied N: 173 Spring
 Applied N-P-K (units): 173-58-75

30" ROW SPACING

 SEEDED - RATE: Apr 25 35,100 /A
 HARVESTED - STAND: Sep 20 33,500 /A

TOP 30 OF 63 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
LG Seeds	LG2531VT3Pro	VT3P	AC,P5V	106	223.2	17.7	5	34.0	1,711	1
Producers	XP6104VT3Pro	VT3P	AC,P5V	101	214.8	17.7	5	31.3	1,646	2
Producers	6624VT3Pro	VT3P	AC,P5V	106	214.2	18.6	1	31.3	1,632	5
G2 Genetics	5H-0504^	HX,RR2	MQ,R,P1V	105	213.9	17.9	1	32.7	1,637	3
Dekalb	DKC55-09RIB GC	STX-R	AC,P2	105	213.8	18.4	6	39.3	1,631	6
Wyffels	W3007	VT3P	AC,P5V	103	213.1	17.5	7	37.3	1,636	4
Renk	RK708SSTX	STX	AC,P2	105	204.1	17.4	1	32.0	1,568	9
Pfister	2225RR	RR2	AC,P2	101	202.5	15.7	2	33.3	1,572	8
Titan Pro	1M05-SS	STX	AC,P2	105	201.8	18.3	1	35.3	1,541	12
AgriGold	A6323GT3	3000GT	AC,P5V	103	201.7	18.1	2	36.7	1,542	10
LG Seeds	LG5550VT3Pro	VT3P	AC,P5V	106	201.4	17.9	5	36.0	1,542	11
Kruger	K-7303	VT3P	AC,P5V	103	201.4	18.0	1	32.0	1,541	13
Prairie Brand	1022RR	RR2	AC,P2	102	199.4	16.9	1	34.7	1,536	14
Viking	D84-06RL	STX-R	AC,P2	106	198.1	18.5	2	30.7	1,511	16
Dairyland	DS9501SSX	STX	AVC,C2	101	197.7	16.1	4	35.3	1,531	15
Kruger	K4R-9205	STX-R	AC,P5V	105	196.4	17.8	9	32.7	1,504	17
Channel	203-43VT3P	VT3P	AC,P5V	103	195.1	16.9	1	37.3	1,503	18
NuTech	5B-604	GT/CB/LL	MQ,R,C2	104	192.9	17.5	4	32.0	1,481	20
Champion	51A11-3000GT	3000GT	MQ,C2	101	191.4	15.8	4	33.3	1,485	19
AgriGold	A6319VT3Pro	VT3P	AC,P5V	103	191.0	17.6	1	27.3	1,465	22
Wyffels	W4267	VT3P	AC,P5V	105	190.5	17.4	1	33.3	1,463	23
Dekalb	DKC53-78RIB GC	STX-R	AC,P2	103	190.3	16.9	4	36.0	1,466	21
LG Seeds	LG5522VT3Pro	VT3P	AC,P5V	103	189.5	18.2	1	30.7	1,448	25
G2 Genetics	5X-903^	HXT,RR2	MQ,R,P1V	103	189.0	17.3	1	25.3	1,453	24
Kruger	K-7306	VT3P	AC,P5V	106	188.9	18.0	1	34.0	1,445	26
Renze	CX22104-3000GT	3000GT	CE,C2	104	188.2	17.8	1	33.3	1,442	27
Fontanelle	6V327	VT3P	AC,P2V	106	188.1	18.2	2	32.0	1,437	28
Champion	56A13VT3Pro	VT3P	AC,P2	106	186.6	18.9	1	35.3	1,419	31
Curry	622-18^	HX,RR2	MQ,R,P1V	102	185.6	18.0	1	32.0	1,420	30
Pioneer	P0448AM1 GC	AM1,RR2	MQ,C2	104	185.1	17.3	4	37.3	1,423	29
Pioneer	P0528XR CK	HXT,RR2	CE,C2	105	208.3	18.0	1	32.7	1,594	7
Test Average =					183.5	17.8	6	33.5	1,406	
LSD (0.10) =					31.9	1.8	12			
C.V. =					12.9	7.6				


 F.I.R.S.T. Manager

TEST COMMENTS: An early inadvertent glyphosate application killed all non-treated hybrids in this test. Corn replanted into the dead plots grew quickly intercepting light to allow comparison of all remaining treated products. Moisture stress reduced plant health, ear development and kernel weight. Small cob diameter, severe tipback, shallow kernels and reduced stalk quality noted. Lat: 43.12921, Long: -94.76736

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.4 Drying = \$0.050 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 Iowa Northwest [IANW]
FULL SEASON TEST

Greg Poe, Iowa Lakes Comm. College, Palo Alto County, IA 50536

[EMMETSBURG]

107 - 110 Day CRM

B2IANW01b

PREV. CROP/HERB: Soybean / Glyphosate, Arrow

SOIL DESCRIPTION: Nicollet-Canisteo silty clay loam, well drained, conventional w/o fall till, non-irrigated

SOIL CONDITIONS: High P, high K, 6.5 pH, 4% OM

PEST MANAGEMENT: SureStart, Durango, Impact, Atrazine, Force 3G

30" ROW SPACING

FERTILITY - Applied N: 173 Spring

Applied N-P-K (units): 173-58-75

SEEDED - RATE: Apr 25 35,100 /A

TOP 30 OF 54 FOR GROSS INCOME (SORTED BY YIELD)

HARVESTED - STAND: Sep 20 33,700 /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
Great Lakes	5939G3VT3	VT3	AC,P5V	109	238.2	19.0	1	32.0	1,810	1
Producers	7014VT3	VT3	AC,P5V	110	235.8	18.8	1	33.3	1,794	2
Wyffels	W6917	VT3P	AC,P5V	111	229.0	21.1	1	35.3	1,716	4
Pfister	2574SS	STX	AVC,C2	110	227.5	22.0	2	30.7	1,695	7
LG Seeds	LG2555VT3	VT3	AC,P5V	110	226.9	19.3	11	30.7	1,721	3
Titan Pro	81A10GL	3000GT	MQ,C2	110	226.6	19.7	1	33.3	1,714	5
LG Seeds	LG5533VT3Pro	VT3P	AC,P5V	107	221.8	17.5	2	33.3	1,702	6
G2 Genetics	5H-309^	HX,RR2	MQ,R,P1V	109	221.6	18.1	1	33.3	1,694	8
Channel	209-85VT3P	VT3P	AC,P5V	109	221.0	20.1	1	37.3	1,667	9
Renze	CX12110HXT/LL/RR	HXT,RR2	AVC,C2	109	220.7	20.9	1	37.3	1,656	12
LG Seeds	LG2549VT3	VT3	AC,P5V	109	219.2	19.0	1	34.0	1,666	11
Champion	58A13SS	STX	AC,P2	108	218.1	18.1	1	35.3	1,667	10
Titan Pro	2M07-SS	STX	AC,P5V	107	216.2	19.3	9	32.7	1,640	13
Kruger	K-7810	VT3P	AC,P5V	110	212.9	18.5	2	34.7	1,623	14
G2 Genetics	5Z-008^	OI,RR2	MQ,R,P1V	108	211.6	18.4	4	32.0	1,615	17
AgriGold	A6403VT3Pro	VT3P	AC,P5V	107	211.5	17.6	1	34.7	1,622	16
Curry	434-64^	HX,RR2	MQ,R,P1V	110	210.1	20.8	1	26.0	1,578	22
Pfister	2660GT	3000GT	AVC,C2	110	209.3	20.5	1	40.0	1,575	23
Producers	6884VT3Pro	VT3P	AC,P5V	108	208.2	17.2	1	32.7	1,601	18
Wyffels	W5787	VT3P	AC,P5V	108	207.5	18.7	1	34.7	1,580	21
Fontanelle	6V879	VT3P	AC,P2	107	206.8	17.9	1	32.7	1,583	19
Kruger	K-7907	VT3P	AC,P5V	107	205.9	17.4	1	34.0	1,581	20
Kruger	K4R-9710	STX-R	AC,P5V	110	205.6	21.8	2	33.3	1,534	28
AgriGold	A6458VT3	VT3	AC,P5V	109	204.0	18.9	1	32.0	1,551	25
Great Lakes	5785VT3PRO	VT3P	AC,P5V	107	203.3	17.4	9	34.0	1,561	24
Channel	208-48VT3P	VT3P	AC,P5V	108	201.4	17.8	1	34.7	1,543	26
Champion	60A13VT3Pro	VT3P	AC,P2	110	200.7	18.0	4	32.7	1,535	27
NK Brand	N63R-3000GT	3000GT	CE,C2	109	198.6	19.2	4	36.0	1,507	30
Renk	RK795VT3P	VT3P	AC,P2	108	198.0	19.4	5	32.0	1,501	31
Titan Pro	X2M08	VT3P	AC,P5V	108	197.1	17.9	6	34.7	1,509	29
Pioneer	P0528XR CK	HXT,RR2	CE,C2	105	211.4	17.5	2	33.3	1,623	15
					Test Average =	201.2	18.9	4	33.7	1,530
					LSD (0.10) =	35.7	1.4	8		
					C.V. =	13.1	5.5			


 Corey Rozenboom
 F.I.R.S.T. Manager

TEST COMMENTS: *An early inadvertent glyphosate application killed all non-traited hybrids in this test. Corn replanted into the dead plots grew quickly intercepting light to allow comparison of all remaining traited products. Moisture stress reduced plant health, ear development and kernel weight. Small cob diameter, severe tipback, shallow kernels and reduced stalk quality noted.* Lat: 43.12921, Long: -94.76736

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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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