

2011 BETTER HYBRIDS Harvest Report for Iowa North West [IANW]
 Orlando Leimer, Buena Vista County, IA 50510 [REMBRANDT]

EARLY SEASON TEST
101 - 106 Day CRM

PREV. CROP/HERB: Soybean / Enlight, Glyphosate, Harmony GT B1IANW05a
 SOIL DESCRIPTION: Canisteo silty clay loam, mod. well drained, no-till, non-irrigated
 SOIL CONDITION: High P, high K, 6.8 pH, 6% OM
 PEST MANAGEMENT: Balance Flexx, Impact, Atrazine, Evito 480, Force 3G 30" ROW SPACING
 FERTILITY - Applied N: 105 Fall, 110 Sidedress,
 Applied N-P-K (units): 215-115-85
 SEEDED - RATE: May 3 35,100 /A TOP 30 OF 54 FOR GROSS INCOME (SORTED BY YIELD)
 HARVESTED - STAND: Oct 10 34,100 /A AVERAGE of (3) REPLICATIONS

Company/Brand	Product/Brand	Technology [†]	IST ^{††}	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
G2 Genetics	5H-0701^	HX,RR2	C250	106	212.5	15.3	1.0	33.6	1,443.4	1
Dekalb	DKC53-78 GC	STX	P250	103	207.9	12.5	3.7	34.4	1,413.7	3
Jung	7V570	VT3P	P500	105	207.6	14.9	1.0	35.3	1,411.7	4
Titan Pro	1018	none	C250	101	203.6	13.2	3.7	30.3	1,384.5	5
Great Lakes	5339GT3	3000GT	P500,V	103	203.0	15.4	1.0	39.4	1,378.4	6
G2 Genetics	5H-0601^	HX,RR2	P1250,V	106	202.1	15.1	4.7	32.8	1,373.8	7
Great Lakes	5157G3VT3	VT3	P500,V	101	202.0	15.2	4.7	36.9	1,372.6	8
Kruger	K-6201VT3	VT3	P500,V	101	200.0	15.0	4.0	34.4	1,360.0	9
Kruger	K-6102VT3	VT3	P500,V	102	198.3	14.9	1.0	36.9	1,348.4	10
Trelay	6ST576	STX	P500,V	104	197.2	12.5	1.0	32.0	1,341.0	11
Renze	2222-3000GT*	3000GT	C250	104	197.0	16.0	1.0	32.0	1,334.7	13
Gold Country	101-99	STX	P250	104	196.8	14.4	1.0	36.9	1,338.2	12
G2 Genetics	5H-905^	HX,RR2	C250	105	196.2	13.6	2.0	32.0	1,334.2	14
Viking	50-04N	none	C250	104	194.8	15.4	1.0	32.0	1,322.7	15
Dairyland	ST-9303SSX	STX	C250	103	194.3	12.7	1.0	33.6	1,321.2	16
LG Seeds	LG2525RR	RR2	P500,V	105	194.0	14.2	2.0	32.0	1,319.2	17
AgriGold	A6359STX	STX	P500,V	105	193.3	15.5	1.0	33.6	1,312.0	18
Kruger	K4-9302	STX	P500,V	102	193.0	15.3	1.0	35.3	1,311.0	19
Wyffels	W4179	3000GT	C250	105	192.3	15.1	1.0	33.6	1,307.2	20
Gold Country	103-09	VT3	P250	103	192.2	15.2	6.0	32.0	1,306.0	22
Renk	RK708VT3P	VT3P	P250	105	192.1	14.7	11.0	34.4	1,306.3	21
Jung	7V546	VT3P	P500	102	192.0	15.1	4.7	34.4	1,305.1	23
Stine	9529VT3Pro*	VT3P	C250	106	191.9	14.8	4.0	32.8	1,304.9	24
Jung	7S555	STX	P500	102	190.7	11.9	1.0	36.1	1,296.8	25
LG Seeds	LG2535STX	STX	P500,V	106	190.3	15.3	2.0	35.3	1,292.6	26
Renk	RK698VT3	VT3	P250	102	189.1	14.7	1.0	32.8	1,285.9	27
Dairyland	ST-9206SSX	STX	C250	104	188.4	15.6	1.0	35.3	1,278.3	28
Renk	RK694GTCBLLRWBL	3111	C250	104	187.4	15.3	1.0	33.6	1,272.9	29
LG Seeds	LG2508VT3Pro	VT3P	P500,V	104	186.7	14.8	3.7	38.6	1,269.6	30
Stine	9523VT3*	VT3	C250	104	186.4	13.2	26.0	37.7	1,267.5	31
Pioneer	P0528 CK	none	C250	105	209.4	15.0	1.0	33.6	1,423.9	2
					Test Average =	188.5	14.4	4.6	34.1	1,281.1
					LSD (0.10) =	14.1	1.4	7.5		
					C.V. =	5.5	7.1			

TEST COMMENTS: Hot and dry weather during ear formation and pollination resulted in tip dieback from 0" to 1" across the testing strips, depending on the timing of pollination for affected hybrids. In general, there were small ears at this site, but good kernel depth. Aside from some Gray leaf spot in susceptible hybrids, there was not much for disease or insect pressure here. Lat: N42.78951, Long: W-95.17013

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Price = \$6.80

[†] TECHNOLOGY: **Corn Borer** - 3000GT, 3111, CB, HX, HXT, STX, VT2P, VT3, VT3P; **Corn Rootworm** - 3000GT, 3111, AMRW, HXT, RW, STX, VT3, VT3P; **Glyphosate** - 3000GT, 3111, GT, RR2, STX, VT2P, VT3, VT3P; **Liberty** - 3000GT, 3111, HX, HXT, LL, STX

^{††} IST: **AV** - Avicta, **C** - Cruiser, **P** - Poncho, **250, 500, and 1250** = 0.25, 0.5, and 1.25 g ai/seed, respectively; **V** - Votivo

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, * = brands without a seed lot number; **ns** = not significantly different

2011 BETTER HYBRIDS Harvest Report for Iowa North West [IANW]
 Orlando Leimer, Buena Vista County, IA 50510 [REMBRANDT]

FULL SEASON TEST
107 - 110 Day CRM

B1IANW05b

 PREV. CROP/HERB: Soybean / Enlight, Glyphosate, Harmony GT
 SOIL DESCRIPTION: Canisteo silty clay loam, mod. well drained, no-till, non-irrigated
 SOIL CONDITIONS: High P, high K, 6.8 pH, 6% OM
 PEST MANAGEMENT: Balance Flexx, Impact, Atrazine, Evito 480, Force 3G
 FERTILITY - Applied N: 105 Fall, 110 Sidedress,
 Applied N-P-K (units): 215-115-85

30" ROW SPACING

 SEEDED - RATE: May 3 35,100 /A
 HARVESTED - STAND: Oct 10 34,400 /A

TOP 30 OF 48 FOR GROSS INCOME (SORTED BY YIELD)

AVERAGE of (3) REPLICATIONS

Company/Brand	Product/Brand	Technology [†]	IST ^{††}	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Fielders Choice	NG6788	VT3	P250	111	210.0	16.6	1.0	34.4	1,419.6	2
Producers	6944VT3	VT3	P500,V	108	208.2	15.6	2.0	31.1	1,412.6	3
Wyffels	W6871	VT3	P250	110	204.7	16.0	13.7	35.3	1,386.8	4
Viking	57-07N	none	C250	107	199.5	14.7	2.0	32.8	1,356.6	5
G2 Genetics	5X-908^*	HXT,RR2	C250	108	199.4	15.8	2.0	33.6	1,351.9	6
Channel	209-77VT3	VT3	P500,V	109	198.2	14.6	1.0	36.1	1,347.8	7
Channel	210-44VT2P	VT2P	P500,V	110	196.3	15.8	1.0	36.1	1,330.9	8
Trelay	6VP844	VT3P	P500,V	107	195.7	14.7	1.0	36.1	1,330.8	9
Wyffels	W7147	VT3P	P250	111	195.0	14.8	2.0	36.1	1,326.0	10
G2 Genetics	5H-1001^	HX,RR2	P1250,V	110	194.2	15.7	2.0	32.0	1,317.2	11
NuTech	5N-1004*	3000GT	C250	110	193.9	15.7	2.0	35.2	1,315.1	12
AgriGold	A6458VT3	VT3	P500,V	110	193.1	14.4	2.0	35.2	1,313.1	13
AgriGold	A6476VT3Pro	VT3P	P500,V	110	192.3	15.3	2.0	36.9	1,306.2	14
Titan Pro	81A10	CB/LL/RW	C250	110	191.7	14.8	3.7	35.3	1,303.6	15
Channel	209-85VT3P	VT3P	P500,V	109	191.6	14.8	1.0	32.8	1,302.9	16
Kruger	K4-9710	STX	P500,V	110	191.5	15.2	1.0	32.8	1,301.2	17
Kruger	K-6408VT3	VT3	P500,V	108	190.6	13.5	17.7	35.3	1,296.1	18
Gold Country	107-17	VT3P	P250	107	190.1	14.2	1.0	35.3	1,292.7	19
NK Brand	N61P-3000GT GC	3000GT	C250	107	189.3	15.3	2.0	35.2	1,285.8	20
LG Seeds	LG2549VT3	VT3	P500,V	109	188.7	14.7	7.0	34.4	1,283.2	21
Renk	RK744VT3P	VT3P	P250	107	188.2	10.5	3.0	34.4	1,279.8	22
Renk	RK818VT3P	VT3P	P250	108	188.1	15.6	2.0	37.7	1,276.3	23
Titan Pro	80A08GL	3000GT	C250	108	187.8	15.2	14.7	36.1	1,276.1	24
Stine	9731VT3Pro*	VT3P	C250	110	187.5	15.7	8.7	36.1	1,271.7	25
Great Lakes	5939G3VT3	VT3	P500,V	109	186.8	14.0	2.0	34.4	1,270.2	26
Kruger	K-7907	VT3P	P500,V	107	186.7	14.9	1.0	33.6	1,269.6	27
LG Seeds	LG2555VT3	VT3	P500,V	110	186.7	15.2	16.7	33.6	1,268.6	28
G2 Genetics	5X-909^*	HXT,RR2	C250	109	186.7	16.3	1.0	34.4	1,263.5	31
Gold Country	110-35	VT3	P250	110	186.5	15.0	3.0	32.8	1,268.2	29
Fielders Choice	NG6723	VT3	P250	110	186.1	15.1	1.0	35.2	1,265.0	30
Pioneer	P0528 CK	none	C250	105	214.4	15.0	1.0	36.9	1,457.9	1
Test Average =					188.3	14.6	3.9	34.4	1,279.3	
LSD (0.10) =					15.1	1.1	6.8			
C.V. =					5.9	5.8				



F.I.R.S.T. Manager

TEST COMMENTS: Hot and dry weather during ear formation and pollination resulted in tip dieback from 0" to 1" across the testing strips, depending on the timing of pollination for affected hybrids. In general, there were small ears at this site, but good kernel depth. Aside from some Gray leaf spot in susceptible hybrids, there was not much for disease or insect pressure here. Lat: N42.78951, Long: W-95.17013

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^{††} IST: AV - Avicta, C - Cruiser, P - Poncho, 250, 500, and 1250 = 0.25, 0.5, and 1.25 g ai/seed, respectively; V - Votivo

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, * = brands without a seed lot number, ns = not significantly different

 Complete brands tested list & searchable database available at www.firstseedtests.com

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Revised:



Footnotes, Abbreviations, and Trademarks

Brand Footnotes

^G2® brand seed is distributed by NuTech Seed, LLC. RPM® brand seed is distributed by Doeblers PA Seed. Supreme EX® brand seed is distributed by Seed Consultants, Inc. XL™ and Phoenix™ brand seeds are distributed by Beck's Superior Hybrids. G2®, RPM®, Supreme EX®, and XL™ are trademarks of Pioneer Hi-Bred.

Technologies

3000GT	Agrisure® 3000GT
3111	Agrisure® Viptera™ 3111
AMRW	Optimum® AcreMax™ Rootworm Protection
CB/LL	Agrisure® CB/LL
CB/LL/RW	Agrisure® CB/LL/RW
GT	Agrisure® GT
GT/CB/LL	Agrisure® GT/CB/LL
HX	HERCULEX® I Insect Protection
HXT	HERCULEX® XTRA Insect Protection
LL	LibertyLink® herbicide tolerance
RR	Roundup Ready® Soybeans
RR2	Roundup Ready® Corn 2
RR2Y	Genuity® Roundup Ready 2 Yield®
STX	SmartStax®
STS	STS® herbicide tolerance
VT2P	Genuity® VT Double PRO™
VT3	YieldGard VT Triple®
VT3P	Genuity® VT Triple PRO™

Seed Treatments

A	Allegiance®
AC	Acceleron®
AM	ApronMaxx®
AP	Apron XL®
AV	Avicta®
C	Cruiser®
CM	CruiserMaxx®
E	Excalibre™
I	Inovate™ System
G	Gaicho®
O	Optimize®
P	Poncho®
T	Trilex®
T2	Trilex® 2000
T6	Trilex® 6000
V	VOTIVO®

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