

2012 BETTER HYBRIDS Harvest Report for Iowa North Central [IANC]


Alvin Martin, Mitchell County, IA 50458 [OSAGE]

EARLY SEASON TEST

101 - 106 Day CRM

PREV. CROP/HERB: Soybean / Roundup B21ANC07a
 SOIL DESCRIPTION: Klinger silty clay loam, mod. poor drained, conventional w/ fall till, non-irrigated
 SOIL CONDITION: High P, high K, 5.5 pH, 4.1% OM
 PEST MANAGEMENT: Balance Flexx, Atrazine, Clarity, Force 3G 30" ROW SPACING
 FERTILITY - Applied N: 147 Fall, 100 Side
 Applied N-P-K (units): 247-161-119
 SEEDED - RATE: May 10 33,600 /A TOP 30 OF 84 FOR GROSS INCOME (SORTED BY YIELD)
 HARVESTED - STAND: Sep 21 32,700 /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
Epley	E1509HXTLL	HXT	MQ,C2	105	176.4	23.9	5	33.3	1,297	2
Channel	203-43VT3P	VT3P	AC,P5V	103	174.8	22.3	2	32.7	1,300	1
Cornelius	C462	None	CE,C2	104	173.5	22.4	25	33.3	1,289	3
LG Seeds	LG5550VT3Pro	VT3P	AC,P5V	106	171.5	23.4	10	32.7	1,266	4
Epley	E1602SS	STX	AC,P2	106	169.6	23.4	13	33.3	1,252	5
Dekalb	DKC55-09RIB GC	STX-R	AC,P2	105	169.3	23.8	4	36.0	1,246	6
LG Seeds	LG2531VT3Pro	VT3P	AC,P5V	106	168.9	24.1	1	32.0	1,241	7
Renk	RK752SSTX	STX	AC,P2	106	167.0	26.6	1	33.3	1,206	10
G2 Genetics	5X-903^	HXT,RR2	MQ,R,P1V	103	165.0	22.6	2	33.3	1,224	8
AgriGold	A6356VT3Pro	VT3P	AC,P5V	105	165.0	24.2	1	33.3	1,211	9
G2 Genetics	5H-806^	HX,RR2	MQ,R,P1V	106	161.6	23.9	33	32.7	1,189	11
Cornelius	C303SS	STX	CE,C2	101	161.4	24.6	2	36.7	1,181	12
Viking	40-07N	None	AC,P2	107	158.7	22.5	27	32.0	1,178	13
G2 Genetics	5H-202^	HX,RR2	MQ,R,P1V	102	158.5	22.8	9	30.0	1,175	14
NuTech	5B-604	GT/CB/LL	MQ,R,C2	104	158.2	24.4	19	34.0	1,160	18
Kruger	K4R-9302	STX-R	AC,P5V	102	158.1	23.4	1	33.3	1,167	16
Steyer	10603GENSS RIB	STX-R	MQ,C2	106	157.3	24.1	2	34.7	1,155	19
LG Seeds	LG2501VT3Pro	VT3P	AC,P5V	101	156.7	21.7	10	32.7	1,170	15
Producers	6624VT3Pro	VT3P	AC,P5V	106	156.5	24.9	2	30.0	1,143	24
Titan Pro	81A04GL	3000GT	MQ,C2	104	155.9	23.6	4	28.7	1,149	21
Renze	2222-3000GT	3000GT	CE,C2	104	154.8	22.1	2	34.0	1,153	20
Viking	C78-05R	VT3P	AC,P2	105	154.3	22.8	6	32.7	1,143	23
G2 Genetics	5H-0504^	HX,RR2	MQ,R,P1V	105	154.0	24.0	2	32.7	1,132	25
FS InVISION	FS 55ZV4	VT3P	AC,P2	105	153.3	23.6	1	32.7	1,130	26
Wyffels	W4267	VT3P	AC,P5V	105	152.6	23.4	1	31.3	1,126	28
Dairyland	DS9501SSX	STX	AVC,C2	101	151.9	20.1	1	31.3	1,146	22
Steyer	10604-3000GT	3000GT	MQ,C2	105	151.9	22.9	1	30.0	1,125	30
Fontanelle	6V327	VT3P	AC,P2V	106	150.9	22.4	6	34.0	1,121	31
Wyffels	W3007	VT3P	AC,P5V	103	150.5	21.4	10	32.7	1,126	29
Pfister	2225RR	RR2	AC,P2	101	150.0	20.5	10	32.7	1,129	27
Pioneer	P0621HR CK	HX,RR2	MQ,C2	106	157.7	23.3	2	34.7	1,165	17
Test Average =					142.1	23.3	6	32.7	1,049	
LSD (0.10) =					26.7	2.2	14			
C.V. =					14.0	7.0				


 F.I.R.S.T. Manager

TEST COMMENTS: While gray leaf spot and high populations of corn rootworm beetle were observed in July, moisture stress had the most impact plant height, ear development, pollination and reduced kernel weights, especially among earlier maturities. Short, curved, and zipper ears were very common. Stalk cannibalism and weak ear shanks were characteristic of many hybrids here. Lat: 43.23567, Long: -92.93463

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 North Central [IANC]

Alvin Martin, Mitchell County, IA 50458 [OSAGE]

FULL SEASON TEST

107 - 110 Day CRM

B2IANC07b

PREV. CROP/HERB: Soybean / Roundup
 SOIL DESCRIPTION: Klinger silty clay loam, mod. poor drained, conventional w/ fall till, non-irrigated
 SOIL CONDITIONS: High P, high K, 5.5 pH, 4.1% OM
 PEST MANAGEMENT: Balance Flexx, Atrazine, Clarity, Force 3G
 FERTILITY - Applied N: 147 Fall, 100 Side
 Applied N-P-K (units): 247-161-119

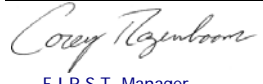
30" ROW SPACING

SEEDED - RATE: May 10 33,600 /A
 HARVESTED - STAND: Sep 21 32,900 /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
Wyffels	W6871	VT3	AC,P5V	110	174.9	26.7	1	31.3	1,262	1
Champion	60A13VT3Pro	VT3P	AC,P2	110	161.1	25.0	9	32.0	1,176	2
Fontanelle	6V879	VT3P	AC,P2	107	157.4	23.8	1	32.0	1,159	4
Cornelius	C574VT3P	VT3P	AC,P2	108	157.4	25.2	1	33.3	1,147	6
Dairyland	DS1809	None	MQ,C2	109	156.6	25.8	4	32.0	1,137	8
Channel	207-13VT3P	VT3P	AC,P5V	107	156.5	23.8	9	32.0	1,152	5
Champion	57A13SS	STX	AC,P2	107	155.7	24.6	6	33.3	1,140	7
Steyer	10803GENSS	STX	MQ,C2	107	154.0	24.0	1	34.0	1,132	9
Cornelius	C594VT3P	VT3P	CE,C2	109	153.4	27.2	1	33.3	1,103	11
G2 Genetics	5Z-008^	OI,RR2	MQ,R,P1V	108	150.7	23.5	1	32.0	1,111	10
G2 Genetics	5H-1005^	HX,RR2	MQ,R,P1V	110	150.6	29.4	1	34.0	1,066	15
Wyffels	W6917	VT3P	AC,P5V	111	150.5	28.4	1	31.3	1,073	14
Steyer	11004GENSS	STX	MQ,C2	110	148.7	28.5	1	36.0	1,060	18
NuTech	5N-910	3000GT	MQ,R,C2	110	147.4	24.6	14	32.0	1,079	13
Renk	RK741SSTX RIB	STX-R	AC,P2	107	147.0	24.0	3	28.7	1,081	12
Titan Pro	X2M08	VT3P	AC,P5V	108	145.4	26.1	4	32.7	1,053	19
Kruger	K-7810	VT3P	AC,P5V	110	145.1	25.9	1	34.0	1,053	20
Pioneer	P0528XR GC	HXT,RR2	CE,C2	105	144.3	23.5	2	33.3	1,064	16
Great Lakes	5939G3VT3	VT3	AC,P5V	109	144.0	29.3	1	34.0	1,020	29
Stine	9529VT3Pro	VT3P	AC,P2	107	143.9	23.7	1	33.3	1,060	17
Producers	7014VT3	VT3	AC,P5V	110	143.5	25.7	4	34.0	1,043	23
AgriGold	A6458VT3	VT3	AC,P5V	109	143.3	27.3	6	32.0	1,030	25
Trelay	7VP104	VT3P	AC,P5V	107	143.0	24.0	6	32.0	1,051	21
Channel	209-77VT3	VT3	AC,P5V	109	142.9	28.0	1	32.0	1,022	27
FS InVISION	FS 60TV4	VT3P	AC,P2	110	142.5	27.0	2	34.7	1,026	26
Trelay	6VP844	VT3P	AC,P5V	107	142.0	23.9	13	34.0	1,044	22
Trelay	7VP518	VT3P	AC,P5V	110	141.6	25.3	1	32.7	1,032	24
NuTech	5B-410	GT/CB/LL	MQ,R,C2	110	141.4	26.9	1	33.3	1,019	30
AgriGold	A6433VT3Pro	VT3P	AC,P5V	108	138.8	23.8	1	33.3	1,022	28
FS InVISION	FS 58MV4	VT3P	AC,P2	108	137.2	23.9	1	35.3	1,009	31
Pioneer	P0621HR CK	HX,RR2	MQ,C2	106	159.0	23.6	1	32.7	1,172	3
Test Average =					137.3	26.2	4	32.9	995	
LSD (0.10) =					19.7	2.5	10			
C.V. =					10.6	7.1				



F.I.R.S.T. Manager

TEST COMMENTS: While gray leaf spot and high populations of corn rootworm beetle were observed in July, moisture stress had the most impact plant height, ear development, pollination and reduced kernel weights, especially among earlier maturities. Short, curved, and zipper ears were very common. Stalk cannibalism and weak ear shanks were characteristic of many hybrids here. Lat: 43.23567, Long: -92.93463

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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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