

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

Rottinghaus Farms, Black Hawk County, IA 50703 [WATERLOO]

EARLY SEASON TEST

101 - 106 Day CRM

B21ANC12a

PREV. CROP/HERB: Soybean / Sonic, Roundup

SOIL DESCRIPTION: Marquis-Readyln silty clay loam, mod. well drained, no-till ridge, non-irrigated

SOIL CONDITION: High P, high K, 6.2 pH, 4.5% OM

PEST MANAGEMENT: Verdict, Force 3G

30" ROW SPACING

FERTILITY - Applied N: 22 Fall, 180 Spring, 25 Foliar

Applied N-P-K (units): 227-104-120

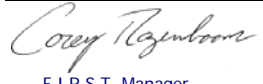
SEEDED - RATE: Apr 27 35,100 /A

TOP 30 OF 84 FOR GROSS INCOME (SORTED BY YIELD)

HARVESTED - STAND: Oct 5 33,500 /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
Titan Pro	X82X06	None	MQ,C2	106	201.6	16.1	0	32.0	1,561	1
G2 Genetics	5H-806 [^]	HX,RR2	MQ,R,P1V	106	201.1	16.4	0	34.7	1,555	2
LG Seeds	LG2531VT3Pro	VT3P	AC,P5V	106	197.1	15.4	0	35.3	1,533	3
G2 Genetics	5H-0504 [^]	HX,RR2	MQ,R,P1V	105	193.4	15.2	0	34.7	1,507	4
Renk	RK752SSTX	STX	AC,P2	106	191.6	15.1	0	34.0	1,494	5
Epley	E1509HXTLL	HXT	MQ,C2	105	191.6	15.2	0	36.0	1,493	6
Dairyland	DS6604	RR2	CE,C2	104	190.7	15.4	0	34.7	1,484	7
Pfister	2225RR	RR2	AC,P2	101	190.1	15.7	0	34.7	1,476	11
LG Seeds	LG5522VT3Pro	VT3P	AC,P5V	103	190.0	15.3	0	35.3	1,479	8
Prairie Brand	1022RR	RR2	AC,P2	102	189.8	15.3	0	36.7	1,478	10
Champion	56B13SS	STX	AC,P2	106	189.6	14.9	0	34.0	1,479	9
Viking	C78-05R	VT3P	AC,P2	105	188.7	14.8	0	34.0	1,472	12
Pioneer	P0392AMX-R GC	AMX,RR2	MQ,C2	103	188.2	15.2	0	36.0	1,466	13
Renze	CX22104-3000GT	3000GT	CE,C2	104	186.4	14.4	0	34.0	1,454	14
LG Seeds	LG5550VT3Pro	VT3P	AC,P5V	106	186.4	15.3	0	35.3	1,451	16
NuTech	5B-604	GT/CB/LL	MQ,R,C2	104	186.3	15.0	1	30.7	1,453	15
Gold Country	103-09	VT3	AC,P5V	103	185.9	14.5	0	30.7	1,450	17
AgriGold	A6384VT3Pro	VT3P	AC,P5V	106	185.8	14.9	0	34.0	1,449	18
Dyna-Gro	D45Q50	3000GT	AC,P2	105	184.8	15.0	0	27.3	1,441	19
Fontanelle	6V327	VT3P	AC,P2V	106	184.2	14.0	0	33.3	1,437	20
Steyer	10603GENSS RIB	STX-R	MQ,C2	106	183.8	14.1	0	34.0	1,434	21
Steyer	10403VT3PRO	VT3P	MQ,C2	104	183.8	14.5	0	36.7	1,434	22
Renk	RK708SSTX	STX	AC,P2	105	183.2	14.6	0	34.0	1,429	23
Titan Pro	81A04GL	3000GT	MQ,C2	104	183.1	14.8	1	30.0	1,428	24
Viking	40-07N	None	AC,P2	107	182.9	14.0	0	33.3	1,427	25
LG Seeds	LG2501VT3Pro	VT3P	AC,P5V	101	182.4	14.2	0	34.7	1,423	26
Kruger	K-7303	VT3P	AC,P5V	103	182.2	14.1	0	29.3	1,421	27
G2 Genetics	5H-202 [^]	HX,RR2	MQ,R,P1V	102	181.7	14.9	0	30.0	1,417	28
Wyffels	W3007	VT3P	AC,P5V	103	181.3	14.5	0	34.7	1,414	29
Producers	XP6104VT3Pro	VT3P	AC,P5V	101	181.1	14.2	0	34.0	1,413	30
Pioneer	P0621HR CK	HX,RR2	MQ,C2	106	168.9	16.1	0	36.0	1,308	66
Test Average =					176.3	14.2	0	33.5	1,375	
LSD (0.10) =					13.3	1.1	1			
C.V. =					5.6	5.6				



F.I.R.S.T. Manager

TEST COMMENTS: Differences in degree of leaf rolling and cannibalism were apparent among hybrids in July. Continued persistent hot and dry weather forced roots to stretch deep for available water in this no-till ridge system. Tipback was variable among hybrids as was the presence of pinched, zipper and nubbin ears, a disruption of pollination from drought conditions. Lat: 42.48566, Long: -92.16385

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]

Rottinghaus Farms, Black Hawk County, IA 50703 [WATERLOO]

FULL SEASON TEST

107 - 110 Day CRM

B2IANC12b

PREV. CROP/HERB: Soybean / Sonic, Roundup
 SOIL DESCRIPTION: Marquis-Readlyn silty clay loam, mod. well drained, no-till ridge, non-irrigated
 SOIL CONDITIONS: High P, high K, 6.2 pH, 4.5% OM
 PEST MANAGEMENT: Verdict, Force 3G
 FERTILITY - Applied N: 22 Fall, 180 Spring, 25 Foliar
 Applied N-P-K (units): 227-104-120

30" ROW SPACING

SEEDED - RATE: Apr 27 35,100 /A

TOP 30 OF 63 FOR GROSS INCOME (SORTED BY YIELD)

HARVESTED - STAND: Oct 5 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
G2 Genetics	5Z-008^	OI,RR2	MQ,R,P1V	108	198.1	17.2	0	35.3	1,523	1
Pfister	2660GT	3000GT	AVC,C2	110	196.6	19.0	0	33.3	1,494	2
Wyffels	W5787	VT3P	AC,P5V	108	193.1	17.6	0	33.3	1,481	3
Dairyland	DS9610	3000GT	MQ,C2	110	184.9	18.3	0	33.3	1,412	4
Champion	60A13VT3Pro	VT3P	AC,P2	110	184.0	18.0	0	31.3	1,408	5
FS InVISION	FS 59SV4	VT3P	AC,P2	109	184.0	19.1	0	36.0	1,398	6
Pfister	2595HR	HX,RR2	AC,P2	110	181.2	18.7	0	34.7	1,380	8
Trelay	7VP293	VT3P	AC,P5V	110	181.1	17.2	0	35.3	1,393	7
Titan Pro	81A10GL	3000GT	MQ,C2	110	180.5	18.8	0	36.0	1,374	10
LG Seeds	LG5533VT3Pro	VT3P	AC,P5V	107	178.4	17.0	0	33.3	1,374	9
Producers	7014VT3	VT3	AC,P5V	110	177.0	18.0	0	32.7	1,354	11
Cornelius	C594VT3P	VT3P	CE,C2	109	176.8	18.0	0	34.7	1,353	12
Steyer	10901GENSS RIB	STX-R	MQ,C2	109	176.8	18.2	0	36.0	1,351	14
NuTech	5B-410	GT/CB/LL	MQ,R,C2	110	176.4	18.2	0	34.0	1,348	16
Kruger	K4R-9710	STX-R	AC,P5V	110	176.3	18.4	0	31.3	1,345	17
Channel	207-13VT3P	VT3P	AC,P5V	107	176.0	17.4	0	34.0	1,352	13
FS InVISION	FS 58MV4	VT3P	AC,P2	108	175.7	18.7	0	35.3	1,338	19
G2 Genetics	5H-1005^	HX,RR2	MQ,R,P1V	110	175.4	19.5	0	34.0	1,329	24
Wyffels	W6917	VT3P	AC,P5V	111	175.1	18.3	0	32.0	1,337	20
Producers	6884VT3Pro	VT3P	AC,P5V	108	175.0	16.7	1	32.7	1,350	15
G2 Genetics	5Z-407^	OI,RR2	MQ,R,P1V	107	174.4	17.0	0	35.3	1,343	18
G2 Genetics	5H-309^	HX,RR2	MQ,R,P1V	109	174.2	18.0	0	32.7	1,333	22
Fontanelle	6V879	VT3P	AC,P2	107	173.6	17.2	0	33.3	1,335	21
Renk	RK795VT3P	VT3P	AC,P2	108	173.2	17.9	0	32.0	1,326	27
Kruger	K-6408VT3	VT3	AC,P5V	108	173.2	18.0	0	35.3	1,325	28
Titan Pro	2M07-SS	STX	AC,P5V	107	172.8	17.5	0	34.7	1,326	26
Pioneer	P0528XR GC	HXT,RR2	CE,C2	105	172.6	17.1	0	35.3	1,328	25
Stine	9529VT3Pro	VT3P	AC,P2	107	172.4	17.4	0	33.3	1,324	29
NuTech	5N-910	3000GT	MQ,R,C2	110	172.0	17.7	0	35.3	1,318	31
Trelay	6VP844	VT3P	AC,P5V	107	171.5	16.7	0	34.0	1,323	30
Pioneer	P0621HR CK	HX,RR2	MQ,C2	106	171.7	16.1	0	35.3	1,330	23
Test Average =					170.8	17.8	0	33.7	1,309	
LSD (0.10) =					13.3	0.7	1			
C.V. =					5.8	2.9				



F.I.R.S.T. Manager

TEST COMMENTS: Differences in degree of leaf rolling and cannibalism were apparent among hybrids in July. Continued persistent hot and dry weather forced roots to stretch deep for available water in this no-till ridge system. Tipback was variable among hybrids as was the presence of pinched, zipper and nubbin ears, a disruption of pollination from drought conditions.

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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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