

2012 BETTER HYBRIDS Harvest Report for Iowa North [IANO]

Alvin Martin, Mitchell County, IA 50458 [OSAGE]

ULTRA EARLY TEST

95 - 100 Day CRM

B2IANO13

 PREV. CROP/HERB: Soybean / Roundup
 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
 FERTILITY - Applied N: 147 Fall, 100 Side
 Applied N-P-K (units): 247-161-119

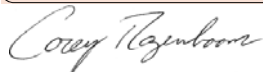
30" ROW SPACING

 SEEDED - RATE: May 10 33,600 /A
 HARVESTED - STAND: Sep 21 32,700 /A

TOP 30 OF 66 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
Kruger	K-7597	VT3P	AC,P5V	97	164.4	18.1	2	31.3	1,257	1
LG Seeds	LG5499VT3Pro	VT3P	AC,P5V	100	162.7	21.2	31	30.0	1,219	2
Renze	6133	None	AVC,C2	98	159.9	19.1	38	32.7	1,214	3
G2 Genetics	5X-0004^	HXT,RR2	MQ,R,P1V	100	156.4	20.2	13	29.3	1,179	4
Wyffels	W1787	VT3P	AC,P5V	97	155.9	20.4	4	32.7	1,174	6
Steyer	9603VT3PRO	VT3P	MQ,C2	96	154.2	18.5	4	30.0	1,176	5
AgriGold	A6203VT3	VT3	AC,P5V	97	152.4	20.2	5	34.7	1,149	7
Wyffels	W2277	VT3P	AC,P5V	100	152.0	20.6	1	33.3	1,143	8
Great Lakes	4879VT3PRO	VT3P	AC,P5V	98	151.6	21.3	6	32.0	1,135	9
Renk	RK585VT3P	VT3P	AC,P2	97	148.8	18.7	1	32.7	1,133	10
Channel	196-76VT3P	VT3P	AC,P5V	96	148.1	19.7	1	32.0	1,120	11
Titan Pro	1018	None	MQ,C2	100	146.1	19.8	3	32.0	1,105	13
Prairie Brand	981VT3	VT3	AVC,C2	99	145.5	20.1	9	31.3	1,098	14
Wyffels	W1687	VT3P	AC,P5V	96	145.2	17.7	5	28.7	1,113	12
Steyer	10002GENSS RIB	STX-R	MQ,C2	100	142.8	21.0	1	33.3	1,071	16
Channel	197-67VT3P	VT3P	AC,P5V	97	142.1	20.9	4	31.3	1,067	18
Great Lakes	5015VT3PRO	VT3P	AC,P5V	100	141.9	20.8	1	29.3	1,066	19
Renk	RK578VT3P	VT3P	AC,P2	96	140.8	18.4	2	33.3	1,074	15
Champion	49A13VT3Pro	VT3P	AC,P2	99	140.5	18.6	3	32.7	1,071	17
Kruger	K4R-9495	STX-R	AC,P5V	95	140.5	20.6	1	31.3	1,057	20
LG Seeds	LG5470VT3Pro	VT3P	AC,P5V	98	140.4	21.0	12	34.0	1,053	23
Champion	46A13VT3Pro	VT3P	AC,P2	96	139.1	21.1	1	34.7	1,043	25
Dekalb	DKC49-94RIB GC	STX-R	AC,P2	99	138.9	18.9	1	34.0	1,056	21
Dyna-Gro	D37VP71	VT3P	AC,P2	97	138.6	19.1	20	33.3	1,053	24
FS InVISION	FS 46SV4	VT3P	AC,P2	96	138.2	18.6	39	34.7	1,053	22
Cornelius	C299VT3P	VT3P	AC,P2	100	137.4	19.4	6	34.0	1,042	26
Dekalb	DKC48-12RIB GC	STX-R	AC,P2	98	137.2	19.6	1	32.0	1,039	27
AgriGold	A6252VT3Pro	VT3P	AC,P5V	100	137.0	20.1	1	32.0	1,034	28
Champion	47A13-3000GT	3000GT	MQ,C2	97	136.0	19.7	14	32.7	1,029	29
Renk	RK598VT3P	VT3P	AC,P2	100	135.7	19.8	9	32.0	1,026	30
Test Average =					133.6	19.9	12	32.7	1,010	
LSD (0.10) =					23.1	1.2	20			
C.V. =					12.8	4.5				



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.

 Bold yields are significantly above test average. **Italicized** brands exceeded the grain moisture limit for this test. GC = grower comparison product,

ns = products not significantly different

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 Doeblers 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® - sulfonyleurea 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

- Excalibre™ is a trademark of Advanced Biological Marketing
- Allegiance®, Gaucho®, LibertyLink®, Poncho®, Raxil®, Trilex®, and VOTIVO™ are trademarks of Bayer AG.
- Stamina® is a trademark of BASF
- Escalate® is a trademark of Beck's Superior Hybrids, Inc.
- Rancona® is a trademark of Chemtura Corporation.
- Herculex® is a trademark of Dow AgroSciences LLC.
- STS® is a trademark of E.I. DuPont Nemours & Co.
- Optimize® is a trademark of EMD Crop BioScience Inc.
- SoyShield™ Plus is a trademark of Latham Hi-Tech Seeds
- Acceleron®, Genuity®, Roundup Ready®, Roundup Ready 2 Yield®, SmartStax®, VT Double PRO®, VT Triple PRO®, and YieldGard VT Triple® are trademarks of Monsanto Technology LLC.
- Servo DPI™ is a trademark of Ohlde Seed.
- AcreMax®, Intrasect™ and Optimum® are trademarks of Pioneer Hi-Bred.
- SureStand™ is a trademark of Steyer Seeds.
- Agrisure®, ApronMaxx®, ApronXL®, Avicta®, Cruiser®, CruiserMaxx®, Dynasty®, Maxim® and Viptera™ are trademarks of a Syngenta Group Company.
- Inovate™ System is a trademark of Valent
- Protinus™ is a trademark of Wolf Trax, Inc.