

2012 BETTER VARIETIES Harvest Report for Illinois South [ILSO]

John (Don) Barttelbort, St. Clair County, IL 62224 [BELLEVILLE]

ALL SEASON TEST
4.0 - 4.7 MAT. GROUP

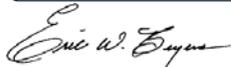
PREV. CROP/HERB: Corn / Bicep II Magnum, Princep, Touchdown
 SOIL DESCRIPTION: Alford silt loam, moderately drained, non-irrigated
 SOIL CONDITIONS: Moderate P, moderate K, 6.6 pH, 2.2% OM, medium SCN
 TILLAGE/CULTIVATION: no-till
 PEST MANAGEMENT: Synchrony, Roundup PowerMax
 SEEDING - RATE: May 15 139,000 /A
 HARVESTED - STAND: Oct 25 138,800 /A

S2ILSO24

30" ROW SPACING

 TOP 30 for **YIELD** of **58** TESTED
 AVERAGE of (3) REPLICATIONS

Company/Brand	Product/Brand†	Technol.†	Mat.	SCN Resist.	Seed Trmt. †	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income
FS Hisoy	HS 42A12	RR2Y	4.2	R	CMB	61.9	11.4	0	130.7	\$960
Dairyland	DSR-4850R2Y	RR2Y	4.7	R	CMB	61.0	12.1	0	139.4	\$946
NK Brand	S46-A1 §	RR2Y	4.6	R	CMB	59.8	12.0	0	139.4	\$927
Pfister	43R29	RR2Y	4.3	R	CMB	59.2	11.6	0	139.4	\$918
Channel	4806R2/STS	RR2Y,STS	4.8	R	Ac,PV	59.0	12.3	0	139.4	\$915
Steyer	4203R2	RR2Y	4.2	MR	SStd	58.9	11.4	0	139.4	\$913
Great Heart	GT-427CR2	RR2Y	4.2	R	Am	57.6	11.4	0	139.4	\$893
Stone	2R4702STS	RR2Y,STS	4.7	R	Ac,PV	57.2	11.9	0	139.4	\$887
Stone	2R4302	RR2Y	4.3	R	Ac,PV	56.9	11.2	0	139.4	\$882
Dyna-Gro	39RY43	RR2Y	4.3	R	Ac	56.9	11.7	0	139.4	\$882
Asgrow	AG4232	RR2Y,STS	4.2	R	Ac,PV	56.8	11.8	0	136.5	\$880
Pfister	45R23	RR2Y	4.5	R	CMB	56.5	11.8	0	139.4	\$876
Channel	4705R2	RR2Y	4.7	R	Ac,PV	56.3	12.7	0	139.4	\$873
Dyna-Gro	31RY45	RR2Y	4.5	R	Ac	56.1	11.5	0	139.4	\$870
Stine	45RC32 §	RR2Y	4.5	R	CMB	55.8	11.8	0	139.4	\$865
Dairyland	DSR-4633R2Y	RR2Y	4.5	R	CMB	55.7	11.4	0	139.4	\$863
Lewis	423R2	RR2Y	4.2	R	Ac,PV	55.5	11.7	0	139.4	\$860
Steyer	4701R2	RR2Y	4.7	MR	SStd	55.4	12.1	0	139.4	\$859
Stine	47RD00	RR2Y	4.7	S	CMB	55.4	11.5	0	139.4	\$859
Steyer	4702R2	RR2Y	4.7	MR	SStd	55.3	12.2	0	136.5	\$857
Hefty	H47Y12	RR2Y	4.7	MR	None	55.3	11.9	0	139.4	\$857
LG Seeds	C4411R2	RR2Y	4.4	R	Ac	55.2	11.9	0	139.4	\$856
Stine	47RC32 §	RR2Y	4.7	R	CMB	55.2	12.0	0	139.4	\$856
Great Heart	GT-447CR2	RR2Y	4.4	R	Am	55.1	12.1	0	139.4	\$854
Great Heart	GT-478CR2	RR2Y	4.7	R	Am	54.8	11.8	0	139.4	\$849
Stone	2R4402	RR2Y	4.4	R	Ac,PV	54.7	12.3	0	139.4	\$848
Asgrow	AG4531 §	RR2Y,STS	4.5	S	Ac,PV	54.5	11.9	0	139.4	\$845
Stine	40RD02	RR2Y	4.0	R	CMB	54.5	11.2	2	136.5	\$845
FS Hisoy	HS 43A22	RR2Y	4.3	R	CMB	54.3	11.5	0	139.4	\$842
Pioneer	94Y22 §	RR	4.2	R	None	54.3	11.5	0	139.4	\$842
Test Average =						54.0	11.7	0	138.8	\$837
LSD (0.10) =						4.2	0.3	1		
C.V. =						5.7	2.0			


 F.I.R.S.T. Manager

TEST COMMENTS: *Don, John's Dad, was pleasantly surprised about their good soybean yields, despite the droughty year. He discussed how their combine monitor had readings between 45-65 bpa in the field adjacent to the trials. Harvested plants ranged in height from 36-60" tall. Similar to the DuQuoin site, fuller maturity soybeans were yielding better.*

Lat: 38.50499, Long: -89.87226

Yield & Income Factors: Base Moisture = 13% Shrink = 1.3 Drying = \$0.020 Price = \$15.50

† See last page for Product/Brand, Technology and Seed Treatment information.

 Results in **bold** are significantly above the test average. **GC** = grower comparison product, **§** = United Soybean Board entry; **ns** = not significantly different

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

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Report Date: 10/26/2012 Revised:



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® - 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	Accelaron® 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	Gaucha®
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

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- 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
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