

**F.I.R.S.T.**Farmer's Independent Research
of Seed Technologies**3rd Party Comparisons, LLC**
1205 E. 650 North Rd.
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ewbeye@hotmail.com**2012 BETTER VARIETIES Performance Summary for Illinois South [ILSO]****ALL SEASON TEST** 4.0 - 4.7 Maturity GroupTOP 30 for **YIELD** of **58** TESTED

AVERAGE of (12) REPLICATIONS

Company/Brand	Product/Brand†	Technol.†	Mat.	SCN Resist.	Seed Trmt.†	Yield Bu/A	Protein %	Oil %	Moist. %	Lodging %	Gross Income \$/A	Belleville	Du Quoin	Shumway	Vandalia
Dairyland	DSR-4850R2Y	RR2Y	4.7	R	CMB	55.7	35.2	18.4	15.2	0	861	61.0	48.3	54.8	58.6
Dairyland	DSR-4633R2Y	RR2Y	4.5	R	CMB	54.6	33.6	19.3	12.8	0	846	55.7	46.9	60.5	55.3
Pfister	43R29	RR2Y	4.3	R	CMB	54.5	34.6	19.8	12.8	0	845	59.2	40.9	64.8	53.1
Channel	4806R2/STS	RR2Y,STS	4.8	R	Ac,PV	54.5	35.3	18.4	15.4	0	842	59.0	46.8	55.6	56.6
FS Hisoy	HS 42A12	RR2Y	4.2	R	CMB	54.3	34.7	19.7	12.6	0	842	61.9	41.8	62.4	51.2
Stine	47RD00	RR2Y	4.7	S	CMB	54.3	34.5	19.3	13.0	0	842	55.4	46.1	60.5	55.0
NK Brand	S46-A1 §	RR2Y	4.6	R	CMB	53.8	33.8	19.1	13.0	0	834	59.8	41.3	58.7	55.3
Steyer	4203R2	RR2Y	4.2	MR	SStd	53.6	34.4	19.9	12.6	0	831	58.9	39.5	59.1	56.9
Dyna-Gro	39RY43	RR2Y	4.3	R	Ac	53.2	34.7	19.6	13.0	0	825	56.9	40.2	59.8	56.0
Lewis	423R2	RR2Y	4.2	R	Ac,PV	53.1	34.7	19.7	12.6	0	823	55.5	40.1	63.7	53.2
Stone	2R4702STS	RR2Y,STS	4.7	R	Ac,PV	53.1	35.2	18.9	13.3	1	823	57.2	42.7	60.0	52.4
FS Hisoy	HS 47A12	RR2Y,STS	4.7	R	CMB	53.1	35.1	18.7	13.4	1	823	53.9	44.7	60.3	53.4
Asgrow	AG4531 §	RR2Y,STS	4.5	S	Ac,PV	53.0	34.4	19.1	12.8	0	822	54.5	44.5	56.1	56.7
Dyna-Gro	31RY45	RR2Y	4.5	R	Ac	52.9	33.9	19.2	12.7	1	820	56.1	41.8	58.7	55.0
Channel	4705R2	RR2Y	4.7	R	Ac,PV	52.9	35.2	18.8	13.4	1	820	56.3	43.0	60.4	51.8
Steyer	4701R2	RR2Y	4.7	MR	SStd	52.8	34.4	19.2	13.1	0	818	55.4	43.5	60.8	51.3
Steyer	4702R2	RR2Y	4.7	MR	SStd	52.8	34.0	19.3	13.7	0	818	55.3	41.6	58.5	55.8
Asgrow	AG4232	RR2Y,STS	4.2	R	Ac,PV	52.7	33.9	19.4	13.1	2	817	56.8	41.4	59.1	53.5
Stone	2R4302	RR2Y	4.3	R	Ac,PV	52.4	34.9	19.5	12.6	0	812	56.9	36.5	59.9	56.1
Pfister	45R23	RR2Y	4.5	R	CMB	52.1	33.5	19.5	13.0	0	808	56.5	40.1	59.2	52.7
Channel	4306R2/STS	RR2Y,STS	4.3	R	Ac,PV	51.8	33.8	19.9	12.0	0	803	51.8	38.7	64.3	52.4
Hefty	H47Y12	RR2Y	4.7	MR	None	51.8	34.5	19.6	13.3	0	803	55.3	44.0	55.0	53.0
Stine	45RC32 §	RR2Y	4.5	R	CMB	51.6	33.2	19.8	13.1	1	800	55.8	37.2	59.9	53.3
Stine	47RC32 §	RR2Y	4.7	R	CMB	51.3	32.0	20.1	13.2	0	795	55.2	45.1	52.1	52.9
NK Brand	S46-T3 §	RR	4.6	R	CMB	51.2	32.0	20.2	13.0	2	794	51.1	47.7	54.4	51.5
Stone	2R4402	RR2Y	4.4	R	Ac,PV	51.2	34.3	19.5	13.3	0	793	54.7	39.1	59.7	51.1
FS Hisoy	HS 43A22	RR2Y	4.3	R	CMB	51.1	35.1	19.2	12.7	0	792	54.3	37.7	61.5	51.0
Asgrow	AG4032 §	RR2Y	4.0	MR	Ac,PV	51.0	34.3	19.9	12.9	0	791	52.9	41.1	62.4	47.6
Stine	40RD02	RR2Y	4.0	R	CMB	51.0	34.2	19.9	12.2	1	791	54.5	38.8	62.4	48.3
Great Heart	GT-460CR2	RR2Y	4.6	R	Am	50.9	34.3	19.6	13.4	0	789	52.4	42.5	55.1	53.6
Site Averages =						50.8	34.3	19.6	13.0	0	787	54.0	39.0	58.5	51.6
LSD (0.10) =						3.5	0.8	0.4	1.0	1		4.2	5.2	4.5	4.1

Eric W. Eyring
F.I.R.S.T. Manager

Yield & Income Factors: Base Moisture = 13.0% Shrink = 1.3 Drying (\$/pt/bu) = \$0.020 Price (\$/bu) = \$15.50

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

Results in **bold** are significantly above test average. **GC** = grower comparison product; **§** = United Soybean Board entry; **‡** = 2 replications; **#** = rejected results, not in summary; **ns** = not significantly different.Complete list of brands tested & searchable database available at www.firstseedtests.com

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Report Date: 10/27/2012 Revised: 12/20/2012 Protein and oil content results added



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. VPMaXX® 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®, VPMaXX® and XL® are registered trademarks of DuPont Pioneer.

Technologies

3111	Agrisure® Viptera™ 3111	GT	Agrisure® GT	STS	STS® - sulfonylurea tolerant soybeans
3122	Agrisure® 3122	GT/CB/LL	Agrisure® GT/CB/LL	STX	SmartStax®
4011	Agrisure® 4011	HX	HERCULEX® I Insect Protection	STX-R	SmartStax® Refuge Corn Blend
3000GT	Agrisure® 3000GT	HXT	HERCULEX® XTRA Insect Protection	VT2P	Genuity® VT Double PRO®
AM1	Optimum® AcreMax® 1	LL	LibertyLink®	VT2P-R	Genuity® VT Double PRO® RIB Corn Blend
AMX	Optimum® AcreMax® Xtra	OI	Optimum® Intrasect™	VT3	YieldGard VT Triple®
CB/LL	Agrisure® CB/LL	RR	Roundup Ready® Soybeans	VT3P	Genuity® VT Triple PRO®
CB/LL/RW	Agrisure® CB/LL/RW	RR2	Roundup Ready® Corn 2	VT3P-R	Genuity® VT Triple PRO® RIB Corn Blend
Conv	Conventional, non-GMO	RR2Y	Genuity® Roundup Ready 2 Yield®		

Seed Treatments

A	Allegiance®	G	Gaucho®	S	Stamina®
Ac	Acceleron® Products	I	Inovate™ System	SDPI	Servo™ DPI
Am	ApronMaxx®	Mq	Maxim® Quattro	SS+	SoyShield™ Plus
Ap	Apron XL®	Mx	Maxim® XL	SStd	SureStand™
Avc	Avicta® Complete Corn	None	untreated	T	Trilex®
C2, C5, C1	Cruiser® at 0.25, 0.5 and 1.25 mg ai/seed	O	Optimize®	T2	Trilex® 2000
Ce	Cruiser® Extreme	P2, P5, P1	Poncho® at 0.25, 0.5 and 1.25 mg ai/seed	T6	Trilex® 6000
CMB	CruiserMaxx® Beans	Pr	Protinus™	Th	thiabendazole
D	Dynasty®	R	Raxil®	V	VOTIVO®
Es	Escalate®	Rc	Rancona®	Z	zinc
Ex	Excalibre™				

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