

2010 BETTER VARIETIES Performance Summary for Illinois South [ILSO]

4.0 - 4.7 Maturity Group

 TOP 30 for **YIELD** of 36 TESTED
 AVERAGE of (12) REPLICATIONS

Company	Brand	Technol. [†]	Mat.	SCN Resist.	Seed ^{††} Trmt.	Yield (Bu/A)	Protein (%)	Oil (%)	Moisture (%)	Lodging (%)	Gross Income	Belleville	Du Quoin	Marshall	Vandalia
Kruger	K2-4601	RR2Y	4.6	R	AC	55.8	34.7	19.4	9.0	0.8	\$613.8	56.0	57.8	55.8	53.5
Diener	4415CR	RR	4.4	R	AC	54.3	34.5	19.7	9.5	3.3	\$597.3	52.1	55.2	51.0	58.8
Beck	XL 466NR [*]	RR	4.6	R	ES	53.8	35.6	18.5	8.6	6.3	\$591.8	52.4	55.0	55.3	52.3
FS Seeds	HS45A02	RR2Y	4.5	R	AC	53.7	34.4	19.3	8.9	1.4	\$590.7	47.8	59.3	57.4	50.4
Beck	XL 400NR [^]	RR	4.0	R	ES	53.6	35.3	19.1	8.1	6.4	\$589.6	52.2	50.5	55.3	56.4
Kruger	K2-3902	RR2Y	3.9	R	AC	53.5	34.4	19.8	9.4	8.2	\$588.5	56.3	54.0	52.4	51.3
FS Seeds	HS47A02	RR2Y	4.7	R	AC	53.1	36.1	18.9	8.8	3.2	\$584.1	48.6	55.3	54.6	53.7
FS Seeds	HS45T70	RR,STS	4.5	R	CM	53.0	35.3	19.4	8.8	2.1	\$583.0	45.3	60.0	56.1	50.7
Kruger	K2-4302	RR2Y	4.3	R	AC	53.0	35.2	19.0	8.4	3.3	\$583.0	49.4	59.4	50.7	52.4
Kruger	K2-4202	RR2Y	4.2	R	AC	52.4	35.2	18.4	9.4	0.3	\$576.4	49.0	55.3	53.7	51.7
Kruger	K2-4101	RR2Y	4.1	R	AC	51.3	35.8	18.4	8.1	7.8	\$564.3	50.6	58.0	54.0	42.5
Kruger	K2-4201	RR2Y	4.2	R	AC	51.2	35.6	18.2	8.6	2.5	\$563.2	45.3	55.8	51.7	52.1
Diener	4001CR2	RR2Y	4.0	R	AC	51.1	35.4	18.8	8.3	6.3	\$562.1	46.0	58.4	51.7	48.3
Beck	XL 432NR [*]	RR	4.3	R	ES	50.6	35.2	19.4	8.8	4.6	\$556.6	39.2	61.4	57.3	44.3
Channel	4700R2	RR2Y	4.7	R	AC	50.5	35.8	18.4	8.9	6.2	\$555.5	50.0	54.0	46.5	51.6
FS Seeds	HS44A02	RR2Y	4.4	MR	AC	50.2	35.8	18.2	8.2	5.1	\$552.2	44.1	54.9	48.9	52.8
Stone	2R4201	RR2Y	4.2	R	AC	49.9	35.4	18.2	9.6	6.4	\$548.9	43.0	55.0	55.8	45.6
Stone	2R3900	RR2Y	3.9	R	AC	49.4	35.7	18.5	8.4	9.2	\$543.4	43.5	57.7	52.1	44.2
Dyna-Gro	37RY47	RR2Y	4.7	R	AC	49.1	35.8	18.4	8.5	1.8	\$540.1	41.8	55.3	42.6	56.5
Kruger	K2-4701	RR2Y	4.7	R	AC	48.8	35.7	18.5	8.9	1.9	\$536.8	43.2	54.1	47.0	50.8
Beck	445NR [*]	RR,STS	4.4	R	ES	48.7	34.9	19.5	8.7	6.3	\$535.7	40.0	57.2	55.9	41.6
Hoffman	HL42L11 [*]	LL	4.2	R	None	48.7	35.1	18.9	9.5	16.5	\$535.7	41.5	50.1	51.5	51.5
Beck	426NL [*]	LL	4.2	R	ES	48.6	35.0	19.0	9.1	9.9	\$534.6	50.8	48.8	51.5	43.2
FS Seeds	HS47A91	RR2Y	4.7	S	AC	48.4	35.8	18.5	8.8	3.8	\$532.4	40.9	54.9	46.2	51.6
eMerge	e4310S [*]	STS	4.3	R	CM	48.2	36.6	18.2	9.2	10.9	\$530.2	44.7	50.2	48.8	49.0
eMerge	e4510S [*]	STS	4.5	R	CM	47.9	36.5	19.3	9.0	7.6	\$526.9	37.7	55.1	53.9	44.9
Dyna-Gro	35X43	RR	4.3	MR	AC	47.8	35.3	19.5	8.9	18.7	\$525.8	35.4	56.7	48.5	50.5
Dyna-Gro	39RY41	RR2Y	4.1	R	AC	47.6	36.2	18.4	9.7	1.8	\$523.6	40.6	55.2	50.8	43.8
Channel	4500R2	RR2Y	4.5	S	AC	47.3	36.1	18.4	8.7	3.0	\$520.3	38.7	52.8	45.1	52.4
Kruger	K2-4501	RR2Y	4.5	S	AC	47.2	35.7	18.4	8.6	5.4	\$519.2	38.1	54.8	43.3	52.5
Site Averages =						49.7	35.6	18.8	8.9	5.9	\$546.8	43.3	54.6	51.0	49.9
LSD (0.10) =						6.0	0.6	0.3	0.6	9.4		8.2	3.9	3.5	5.3

Yield & Income Factors: Base Moisture = 13.0% Shrink = 1.3 Drying (\$/pt/bu) = \$0.020 Price (\$/bu) = \$11.00

[†]Technology: LL - LibertyLink, RR - Roundup Ready, RR2Y - Roundup Ready 2 Yield, STS - Sulfonylurea Tol

^{††}Seed Treatment: AC - Acceleron, AM - ApronMaxx, AP - ApronXL, CM - CruiserMaxx, E - Excalibre, ES - Escalate, I - Inovate, O - Optimize, T - Trilex, T6 - Trilex 6000

 Results in **bold** are significantly above the test average. **GC** = grower chosen product; * brands without a seed lot number; # = rejected results, not included in summary; \$ = lost location; **ns** = 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 Doebler's PA Seed. XL[™] brand seed is distributed by Beck's Superior Hybrids. G2[®], HPT[®], RPM[®], and XL[™] are trademarks of Pioneer Hi-Bred.

Technologies

3110	Agrisure [®] Viptera [™] 3110
3111	Agrisure [®] Viptera [™] 3111
3000GT	Agrisure [®] 3000GT
CB/LL	Agrisure [®] CB/LL
CB/LL/RW	Agrisure [®] CB/LL/RW
GT	Agrisure [®] GT
GT/CB/LL	Agrisure [®] GT/CB/LL
HX	HERCULEX [®] I Insect Protection
HXT	HERCULEX [®] XTRA Insect Protection
LL	LibertyLink [®]
RR	Roundup Ready [®] Soybeans
RR2	Roundup Ready [®] Corn 2
RR2Y	Genuity [™] Roundup Ready 2 Yield [®]
SS	Genuity [™] SmartStax [™]
STS	STS [®]
VT2	YieldGard VT Rootworm/RR2 [™]
VT2P	Genuity [™] VT Double PRO [™]
VT3	YieldGard VT Triple [®]
VT3P	Genuity [™] VT Triple PRO [™]
YGCB	YieldGard [®] Corn Borer
YGCB,RR2	YieldGard [®] Corn Borer/Roundup Ready [®] Corn 2
YGPL,RR2	YieldGard [®] Plus/Roundup Ready [®] Corn 2
YGRW,RR2	YieldGard [®] Rootworm/Roundup Ready [®] Corn 2

Seed Treatments

AC	Acceleron [®]
AM	ApronMaxx [®]
AP	Apron XL [®]
AVC	Avicta [®] Complete Corn
C	Cruiser [®]
CM	CruiserMaxx [®]
E	Excalibre [™]
ES	Escalate [™]
I	Inovate [™] System
O	Optimize [®]
P	Poncho [®]
T	Trilex [®]
T6	Trilex [®] 6000
V	Votivo [™]

Trademarks

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- Optimize[®] is a trademark of EMD Crop BioScience Inc.
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