



## 2009 BETTER VARIETIES Harvest Report for Illinois South [ILSO]

S9ILSO10

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

PREV. CROP/HERB: Corn / Bicep II Magnum  
SOIL DESCRIPTION: Muscatine silt loam, non-irrigated, mod. poor drained  
SOIL CONDITIONS: medium SCN, mod. high P, mod. high K, 6.5 pH, 3.5% OM  
TILLAGE/CULTIVATION: no-till  
PEST MANAGEMENT: Roundup, Roundup  
SEEDED - RATE: Jun 24 150,000 /A  
HARVESTED - STAND: Nov 6 139,400 /A

4.0 - 4.7 MAT. GROUP  
15" ROW SPACING

TOP 30 for YIELD of 42 TESTED  
AVERAGE of (3) REPLICATIONS

| COMPANY        | BRAND       | TECH.† | MAT. | SCN RESIST | SEED <sup>††</sup> TRT | YIELD Bu/A  | MOIST %    | LODGING %  | STAND (x 1000) | GROSS INCOME   |
|----------------|-------------|--------|------|------------|------------------------|-------------|------------|------------|----------------|----------------|
| Diener         | 4001CR2     | RR2Y   | 4.0  | R          | AC                     | <b>54.1</b> | 8.8        | 0.0        | 139.4          | \$541.0        |
| Asgrow         | AG4005      | RR     | 4.0  | MR         | CM                     | <b>52.7</b> | 9.0        | 0.0        | 139.4          | \$527.0        |
| Dyna-Gro       | 36C44       | RR/STS | 4.4  | R          | CM                     | <b>52.3</b> | 9.6        | 0.0        | 139.4          | \$523.0        |
| Kruger         | K-410RR/SCN | RR/STS | 4.1  | R          | CM                     | <b>52.2</b> | 9.7        | 0.0        | 139.4          | \$522.0        |
| Asgrow         | AG4303      | RR     | 4.3  | MR         | CM                     | <b>52.1</b> | 9.9        | 0.0        | 139.4          | \$521.0        |
| Trisler        | 4586RR(CN)  | RR/STS | 4.5  | R          | None                   | <b>52.0</b> | 9.5        | 0.0        | 139.4          | \$520.0        |
| Kruger         | K2X43A9     | RR2Y   | 4.3  | R          | AC                     | 51.9        | 9.4        | 0.0        | 139.4          | \$519.0        |
| Kruger         | K-439RR/SCN | RR/STS | 4.3  | R          | CM                     | 51.9        | 9.6        | 0.0        | 139.4          | \$519.0        |
| Beck           | 445NR       | RR     | 4.4  | R          | SG, F                  | 51.8        | 9.5        | 0.0        | 139.4          | \$518.0        |
| Dyna-Gro       | 33A40       | RR/STS | 4.0  | R          | CM                     | 51.8        | 9.9        | 0.0        | 139.4          | \$518.0        |
| FS Seeds       | HS45T70     | RR     | 4.5  | R          | CM                     | 51.7        | 9.8        | 0.0        | 139.4          | \$517.0        |
| Arise          | 4410R^      | RR     | 4.4  | R          | CM                     | 51.6        | 8.7        | 0.0        | 139.4          | \$516.0        |
| Trisler        | 4760RR(CN)  | RR/STS | 4.7  | R          | None                   | 50.9        | 9.0        | 0.0        | 139.4          | \$509.0        |
| Beck           | 420NR       | RR/STS | 4.2  | R          | CM                     | 50.8        | 8.8        | 0.0        | 139.4          | \$508.0        |
| Channel        | 4551R       | RR/STS | 4.5  | R          | AM                     | 50.8        | 9.7        | 0.0        | 139.4          | \$508.0        |
| Dyna-Gro       | V42N9RS*    | RR/STS | 4.2  | R          | CM                     | 50.5        | 8.9        | 0.0        | 139.4          | \$505.0        |
| Kruger         | K2X43B9     | RR2Y   | 4.3  | R          | AC                     | 50.5        | 9.6        | 0.3        | 139.4          | \$505.0        |
| Beck           | 422NR       | RR     | 4.2  | R          | SG, F                  | 50.4        | 9.2        | 0.0        | 139.4          | \$504.0        |
| Trisler        | 4275RR(CN)  | RR/STS | 4.2  | R          | None                   | 49.7        | 9.0        | 0.0        | 139.4          | \$497.0        |
| FS Seeds       | HS41T80     | RR     | 4.1  | R          | CM                     | 49.5        | 9.1        | 0.0        | 139.4          | \$495.0        |
| Asgrow         | AG4703      | RR     | 4.7  | MR         | CM                     | 49.4        | 9.0        | 0.0        | 139.4          | \$494.0        |
| Kruger         | K2X44A9     | RR2Y   | 4.4  | S          | AC                     | 49.3        | 8.9        | 0.0        | 139.4          | \$493.0        |
| FS Seeds       | HS46T80     | RR     | 4.6  | R          | CM                     | 48.5        | 9.2        | 0.0        | 139.4          | \$485.0        |
| Beck           | 460NR       | RR     | 4.6  | R          | CM                     | 48.2        | 9.6        | 0.0        | 139.4          | \$482.0        |
| Kruger         | K2X45A9     | RR2Y   | 4.5  | S          | AC                     | 47.8        | 9.4        | 0.0        | 139.4          | \$478.0        |
| Diener         | 4110CR      | RR     | 4.1  | R          | PO                     | 47.6        | 8.9        | 0.0        | 139.4          | \$476.0        |
| Channel        | 4552R       | RR/STS | 4.5  | R          | AM                     | 47.5        | 8.9        | 0.0        | 139.4          | \$475.0        |
| Asgrow         | AG4404      | RR     | 4.4  | MR         | CM                     | 47.4        | 9.1        | 0.0        | 139.4          | \$474.0        |
| Arise          | 4310R^      | RR     | 4.3  | R          | CM                     | 47.2        | 9.0        | 0.0        | 139.4          | \$472.0        |
| Arise          | 3909RS^     | RR/STS | 3.9  | R          | CM                     | 47.1        | 8.9        | 0.0        | 139.4          | \$471.0        |
| Test Average = |             |        |      |            |                        | <b>49.0</b> | <b>9.3</b> | <b>0.0</b> | <b>139.4</b>   | <b>\$490.0</b> |
| LSD (0.10) =   |             |        |      |            |                        | 3.0         | 0.7        | n.s.       |                |                |
| C.V. =         |             |        |      |            |                        | 4.5         | 5.1        |            |                |                |

*Eric W. Eby*  
F.I.R.S.T. Manager

**TEST COMMENTS:** *This site received large amounts of rain throughout the growing season. Still, it produced great plant stands for uniform harvested populations. Harvested plant heights were 30"- 36" tall with excellent grain quality.*

Lat: N38.52073, Long: W89.86916

Yield & Income Factors: Base Moisture = 13% Shrink = 1.0 Drying = \$0.000 Price = \$10.00

† Technology: LL - Liberty Link, Lo Ln - Low Linolenic Acid, RR - Roundup Ready, RR2Y - Roundup Ready 2 Yield, STS - Sulfonyleurea Tol  
†† Seed Treatment: A - Allegiance, AC - Accelaron, AM - ApronMaxx, AP - ApronXL, CM - CruiserMaxx, E - Excaliber, F - FaSTart, G - Gaucho, PO - PunchOut, SG - Sure Gro, T - Trilex, T6 - Trilex 6000

Results in bold are significantly above the test average. \* = brands without a seed lot number ^ = discontinued brand.

A complete list of brands tested available at [www.firstseedtests.com](http://www.firstseedtests.com)

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