

## LaRue County Extension Soybean Variety Plot Results - 2011

### Farmer Cooperator - Kevin McCubbin

The Variety Test consisted of 21 different roundup ready varieties. A check plot was planted at the beginning, every 5th plot, and end of the test plots. Variation in yield of two nearest check plots from the average of all check plots was used in calculating final adjusted yield for the varieties. Yields were adjusted to 13.0% moisture. Companies were limited to two varieties. Test varieties were planted by maturity.

Tillage: No-Till	Check Average Yield: 46.7 bu/acre
Planting Date: June 17	Check Moisture: 13.3%
Harvest Date: November 11	Grand Average Yield: 47.1 bu/acre
Row Width: 15 inches	Planting Rate: 160,000 seed/acre
Previous Crop: Corn	Plot Size: .25 acre
Check Variety: AgVenture 43A2RRSTS	Soil Type: Nicholson
Check Maturity: 4.3	

### 2011 Soybean Results - Adjusted Yield Rank

Rank	Variety	Maturity	Moisture	Test Wt.	Act. Yield	Adj. Yield
1	Asgrow AG4232RR2Y	4.2	13.3%	57	58.0	59.8
2	Pioneer 94Y61	4.6	13.0%	57	47.9	51.3
3	Asgrow AG4832RR2Y	4.8	12.7%	57	48.0	51.3
4	Channel 4205 R2	4.2	13.1%	57	48.7	51.0
5	Stine 4782-4	4.7	12.8%	57	47.7	50.8
6	Southern States RT4808N	4.8	12.6%	58	46.2	49.6
7	AgVenture 49X1RR	4.9	12.5%	58	46.0	49.5
8	Beck's 445NR	4.4	13.3%	57	48.9	48.7
9	NK S46-A1	4.6	13.2%	58	45.3	48.5
10	Armor 47R33	4.7	13.1%	58	45.4	48.3
11	Channel 4502	4.5	13.3%	55	47.7	48.1
12	NK S38-K6	3.8	13.6%	56	53.0	46.2
13	Beck's 477NR	4.7	12.8%	58	43.4	46.1
14	Armor 44K6	4.4	13.5%	56	45.2	46.1
15	Dyna-Gro 32RY39 RR2Y	3.9	13.1%	56	47.8	45.6
16	Dyna-Gro 36C44 RR	4.4	13.4%	57	46.1	44.8
17	Stine 43RB82	4.3	12.9%	57	44.6	44.0
18	Pioneer 93Y92	3.9	13.1%	57	47.2	43.0
19	Southern States RT4370 N	4.3	13.2%	57	44.4	43.0
20	AgVenture 40A2RR	4.0	13.3%	57	42.2	42.3

2011 Soybean Results - Actual Yield Rank							
Act. Rank	Variety	Maturity	Moisture	Test Wt.	Adj. Yield	Adj. Rank	Act. Yield
1	Asgrow AG4232RR2Y	4.2	13.3%	57	59.8	1	58.0
2	NK S38-K6	3.8	13.6%	56	46.2	12	53.0
3	Beck's 445NR	4.4	13.3%	57	48.7	8	48.9
4	Channel 4205 R2	4.2	13.1%	57	51.0	4	48.7
5	Asgrow AG4832RR2Y	4.8	12.7%	57	51.3	3	48.0
6	Pioneer 94Y61	4.6	13.0%	57	51.3	2	47.9
7	Dyna-Gro 32RY39 RR2Y	3.9	13.1%	56	45.6	15	47.8
8	Channel 4502	4.5	13.3%	55	48.1	11	47.7
9	Stine 4782-4	4.7	12.8%	57	50.8	5	47.7
10	Pioneer 93Y92	3.9	13.1%	57	43.0	18	47.2
11	Southern States RT4808N	4.8	12.6%	58	49.6	6	46.2
12	Dyna-Gro 36C44 RR	4.4	13.4%	57	44.8	16	46.1
13	AgVenture 49X1RR	4.9	12.5%	58	49.5	7	46.0
14	Armor 47R33	4.7	13.1%	58	48.3	10	45.4
15	NK S46-A1	4.6	13.2%	58	48.5	9	45.3
16	Armor 44K6	4.4	13.5%	56	46.1	14	45.2
17	Stine 43RB82	4.3	12.9%	57	44.0	17	44.6
18	Southern States RT4370 N	4.3	13.2%	57	43.0	19	44.4
19	Beck's 477NR	4.7	12.8%	57	46.1	13	43.4
20	AgVenture 40A2RR	4.0	13.3%	57	42.3	20	42.2

2011 Soybean Results - Field Location							
Variety	Maturity	Moisture	Test	Act. Yield	Act. Rank	Adj. Yield	Adj. Rank
1 Check	4.3	13.5%	57	55.9			
2 NK S38-K6	3.8	13.6%	56	53.0	2	46.2	12
3 Pioneer 93Y92	3.9	13.1%	57	47.2	10	43.0	18
4 Dyna-Gro 32RY39 RR2Y	3.9	13.1%	56	47.8	7	45.6	15
5 AgVenture 40A2RR	4.0	13.3%	57	42.2	20	42.3	20
6 Check		13.4%	56	44.3			
7 Asgrow AG4232RR2Y	4.2	13.3%	57	58.0	1	59.8	1
8 Channel 4502 R2	4.5	13.3%	55	47.7	8	48.1	11
9 Stine 43RB82	4.3	12.9%	57	44.6	17	44.0	17
10 Southern States RT4370 N	4.3	13.2%	57	44.4	18	43.0	19
11 Check		13.2%	57	49.3			
12 Dyna-Gro 36C44 RR	4.4	13.4%	57	46.1	12	44.8	16
13 Beck's 445NR	4.4	13.3%	57	48.9	3	48.7	8
14 Armor 44K6	4.4	13.5%	56	45.2	16	46.1	14
15 Channel 4205 R2	4.2	13.1%	57	48.7	4	51.0	4
16 Check		13.4%	56	43.4			
17 Pioneer 94Y61	4.6	13.0%	57	47.9	6	51.3	2
18 NK S46-A1	4.6	13.2%	58	45.3	15	48.5	9
19 Stine 4782-4	4.7	12.8%	57	47.7	9	50.8	5
20 Beck's 477NR	4.7	12.8%	58	43.4	19	46.1	13
21 Check		13.3%	58	44.1			
22 Armor 47R33	4.7	13.1%	58	45.4	14	48.3	10
23 Asgrow AG4832RR2Y	4.8	12.7%	57	48.0	5	51.3	3
24 Southern States RT4808N	4.8	12.6%	58	46.2	11	49.6	6
25 AgVenture 49X1RR	4.9	12.5%	58	46.0	13	49.5	7
26 Check		13.1%	58	43.2			

**2011 Soybean Results - 2 Year Averages**

2 Year Average							
Variety	Avg. Moisture	Act. 11	Act. 10	Actual Avg.	Adj. 11	Adj. 10	Adj. Avg.
1 AgVenture 43A2RRSTS *	11.8%	46.7	58.4	52.6	46.7	61.8	54.3
2 Stine 4782-4	11.4%	47.7	52.9	50.3	50.8	53.6	52.2
3 Beck's 445NR	11.6%	48.9	52.1	50.5	48.7	55.5	52.1
4 Southern States RT 4370N	11.8%	44.4	50.8	47.6	43.0	52.0	47.5
5 Southern States RT 4808N	10.8%	46.2	44.7	45.5	49.6	42.3	46.0
* Winner 2010, Check 2011							

**NOTE:** Planted in wet ground, drought late in season.  
 Planted by maturity, except switch Channel 4502 and 4205  
 No varieties with 3 year yields or longer