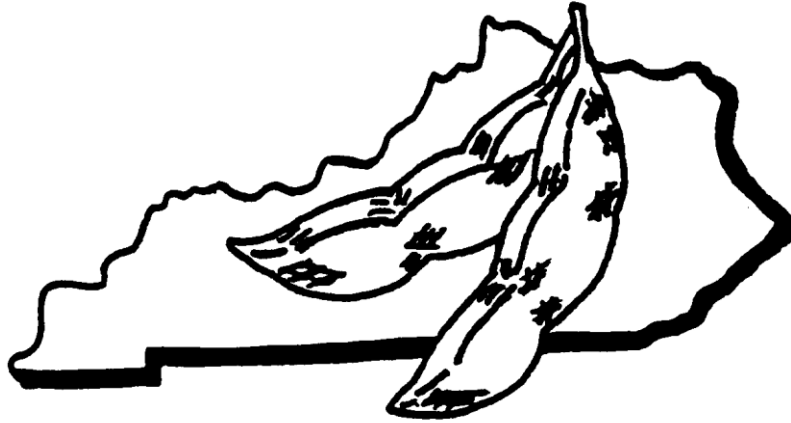


**2011**

**KENTUCKY SOYBEAN PRODUCTION CONTEST**

**Summary of Awards and Cultural Practices**



**Sponsored by**

**University of Kentucky Cooperative Extension Service  
and  
Kentucky Soybean Association/Promotion Board**

**With  
Cooperating Agri-Business Companies**

**January 20, 2012**

## 2011 Kentucky Soybean Production Contest

### Summary of Award Winners

Total yield entries completed - 75  
     Div. I (Single-crop) - 60  
     Div. II (Double-crop) - 15  
 Soybean Quality Entries - 48  
 Kentucky counties represented - 17

#### I. State Yield Awards: Division I (Single-crop) and II (Double-crop)

<u>Award</u>	<u>Div.</u>	<u>Name</u>	<u>County</u>	<u>Variety</u>	<u>Yield (Bu/A)</u>
Champion	I	Donnie Greenwell	Union	So. States SS4700NR2	85.26
1st Place	I	Waller Brothers	Union	Dyna-Gro 37P37	85.08
2nd Place	I	Pride Farms	Union	Beck's 294NR	84.58
1st Place	II	Waller Brothers	Union	Dyna-Gro 33RY47	77.06
2nd Place	II	Goetz Brothers Farms	Daviess	Beck's 445NR	74.29

#### II. District Yield Awards: (Highest entry not a state winner)

<u>District</u>	<u>Div.</u>	<u>Name</u>	<u>County</u>	<u>Variety</u>	<u>Yield (Bu/A)</u>
1	I	Jed Clark	Graves	Asgrow AG4531	69.99
2	I	S & S Farms	Union	Beck's 294NR	83.66
3	I	Basham Farms	Hopkins	Dyna-Gro 37RY47	65.62
4	I	Peterson Farms	Marion	So. States SS385	71.14
5	I	Homestead Family Farms	Mercer	Pioneer 94Y60	56.97
6	I	James Sexton	Wayne	Pioneer 94Y70	83.96

#### III. 60+ Bushel Club

	<u>Name</u>	<u>County</u>	<u>Variety</u>	<u>Yield (Bu/A)</u>
A.	Division I - Single-crop			
1.	Donnie Greenwell	Union	So. States SS4700NR2	85.26
2.	Waller Brothers	Union	Dyna-Gro 37P37	85.08
3.	Pride Farms	Union	Beck's 294NR	84.58
4.	James Sexton & York	Wayne	Pioneer 94Y70	83.96
5.	S & S Farms (Brian Shouse)	Union	Beck's 294NR	83.66
6.	Donald Poore	Cumberland	Beck's 445NR	80.23
7.	Castlen Brothers Farms	Daviess	Pioneer 94Y22	79.85
8.	SBJ Fischer Farms	Daviess	Dyna-Gro 37P37	79.29
9.	Bickett Farms	McLean	Pioneer 93Y92	78.80
10.	S & S Farms (David Shouse)	Union	Beck's 294NR	78.61

11.	James Sexton & Dalton	Wayne	Asgrow AG4403	76.78
12.	Bickett Farms	McLean	Pioneer 94Y90	76.65
13.	PPJ Thompson Farms	Daviess	Pioneer 94Y70	75.52
14.	Castlen Brothers Farms	Daviess	Beck's 362NR	74.66
15.	Clements Brothers	Union	Dyna-Gro 37P37	74.47
16.	Malcolm Wheatley	Union	Dyna-Gro 38RY45	74.03
17.	Sparks Farms	Daviess	Dyna-Gro 37P37	74.02
18.	Goetz Brothers Farms.	Daviess	Beck's 432NR	73.59
19.	Woodrum Brothers	Casey	Asgrow AG4405	73.56
20.	Sparks Farms	Daviess	Beck's 294NR	72.75
21.	Cecil Farms	Daviess	NK Brand S38-H8	71.89
22.	Meredith Farms	Henderson	Pioneer 93Y92	71.57
23.	Peterson Farms	Marion	So. States SS385	71.14
24.	PPJ Thompson Farms	Daviess	Pioneer 94Y50	70.91
25.	Waller Brothers	Union	Dyna-Gro 37P37	70.87
26.	Matt Castlen Farms	Daviess	Beck's 432NR	70.59
27.	Jed Clark	Graves	Asgrow AG4531	69.99
28.	Sparks Farms	Daviess	Beck's 294NR	69.75
29.	Williams Farm	Mason	Asgrow AG3931	67.47
30.	Horn Farms	Daviess	Beck's 362NR	67.19
31.	Running T Farms	Union	Beck's 444NR	66.26
32.	Basham Farms	Hopkins	Dyna-Gro 37RY47	65.62
33.	Jerry Griffith	Graves	Asgrow AG3030	65.45
34.	Sparks Farms	Daviess	Dyna-Gro 37P37	65.25
35.	Goetz Brothers Farms	Daviess	Beck's 432NR	65.23
36.	Donnie Greenwell	Union	So. States SS4700NR2	65.10
37.	Matt Frazer	Hopkins	Pioneer 94Y70	65.09
38.	Elden Ginn	Fleming	So. States SS3820NR2	64.72
39.	Timmy Perkins	Fleming	So. States SS3820NR2	63.65
40.	Darrell Hagan Farms	Daviess	Pioneer 94Y20	63.09
41.	Joel King	Henderson	Pioneer 94Y50	63.04
42.	Herring Farms	Hopkins	Channel 4125R2	62.88
43.	Donald Poore	Clinton	Beck's 432NR	62.52
44.	Wes Poole	Daviess	Asgrow AG4303	60.67
45.	Horn Farms	Daviess	Beck's 362NR	60.66
46.	David Byler	Wayne	Pioneer 94Y70	60.65

B. Division II – Double-crop

1.	Waller Brothers	Union	Dyna-Gro 33RY47	77.06
2.	Goetz Brothers Farms	Daviess	Beck's 445NR	74.29
3.	Todd Clements/Anderson Farms	Union	Pioneer 94Y92	68.09
4.	Phillip Baird	Union	Dyna-Gro 38RY45	64.94
5.	S & S Farms (Brian Shouse)	Union	Asgrow AG4907	63.92
6.	Williams Farms	Wayne	Pioneer 94Y70	62.33
7.	PPJ Thompson Farms	Daviess	Beck's 432NR	61.06

---

#### IV. County Agricultural Agent Awards

<u>Award</u>	<u>Agent</u>	<u>County</u>	Yield (Bu/A) or <u>(# Entries)</u>
1. Agent with State Champion Entry	Rankin Powell	Union	85.26
2. Agent with Top 3 Avg. Yield	Rankin Powell	Union	84.97
3. Most Entries Submitted	Clint Hardy	Daviess	(21)
4. Submitted 3 or more entries (and did not receive one of the above awards)	Jeff Smith	Fleming	(6)
	George Kelley	Hopkins	(4)
	George McCain	Marion	(3)
	Glen Roberts	Wayne	(6)

---

V. **Summary of Other Yield Entries**

	<u>Name</u>	<u>County</u>	<u>Variety</u>	<u>Yield (Bu/A)</u>
A.	Division I - Single-crop			
	PPJ Thompson Farms	Daviess	Beck's 432NR	59.75
	Basham Farms	Hopkins	Dyna-Gro 37RY47	59.71
	Bobby Gaffney	Woodford	So. States RT4370N	43.45
	Jeremy Dotson	Woodford	So. States RT4370N	29.61
	Woodrum Brothers	Casey	Asgrow AG4405	55.06
	Donald Poore	Clinton	Beck's 432NR	52.59
	Heritage Acres (Mark Henderson)	Fleming	So. States SS3820NR2	52.36
	Tim Earlywine	Fleming	Pioneer 94Y20	50.88
	Rick Barber	Fleming	Asgrow AG4005	48.83
	Billy Adam & Dan McCord	Fleming	So. States SS3820NR2	40.28
	Jim & Matthew Meadows	Lewis	Stewart 3801	48.20
	Williams Farm	Mason	Asgrow AG3931	55.33
	James Sexton & Dalton	Wayne	Beck's 445NR	55.55
B.	Division II - Double-crop			
	PPJ Thompson Farms	Daviess	Beck's 432NR	49.79
	Todd Clements/Anderson Farms	Union	Pioneer 94Y92	57.98
	Daryl French	Union	Pioneer 94Y70	56.27
	Joel Armistead	Logan	Asgrow AG4730	55.39
	Armistead Farms	Logan	Asgrow AG4730	51.52
	Peterson Farms	Marion	Ebberts 3369	58.00
	Donny Veatch	Marion	Caverndale CF461	52.39
	Williams Farms	Wayne	So. Cross Caleb	59.76

## Summary of Cultural Practices

The information summarized below is from a questionnaire completed by each of the 75 yield contestant entries. A no response means the information was not provided by the contestant(s). The number in ( ) represents the 53 entries that yielded over 60 bushels per acre. The letters (a,b,c,d,e) represent practices of the State Yield Winners (Letter codes explained at end of summary).

### Germination of seed planted.

90% or more	49 (36)a,b,c,d
85-89%	10 (5)
80-84%	0
<80%	0
No response	16 (12)e

### Was a seed treatment used?

Yes	50 (36)a,b,c,d
No	19 (13)e
No response	6 (4)

### Did you inoculate your seed?

Yes	40 (24)b,c,d
No	24 (20)a,e
No response	11 (9)

### What tillage system was used?

<u>Div. I (Single-crop):</u>	
Conventional	1 (1)
Minimum-till	23 (19)a,c
No-tillage	36 (26)b
No response	0

<u>Div. II (Double-crop):</u>	
Conventional	0
Minimum-till	0
No-tillage	15 (7)d,e
No response	0

### What row width did you plant?

<u>Div. I (Single-crop):</u>	
Solid (B'cast)	0
6-10"	9 (2)
11-15"	47 (41)a,b,c
16-20"	1 (1)
21-29"	0
30"	1
31-40"	0
30" twin rows	2 (2)
No response	0

<u>Div. II (Double-crop):</u>	
6-10"	3
11-15"	10 (7)d,e
16-20"	1
21-29"	1
No response	0

### What was your planting date?

<u>Div. I (Single-crop):</u>	
Before April 20	0
April 20-30	1
May 1-10	9 (8)b,c
May 11-20	16 (13)
May 21-31	17 (11)
June 1-10	17 (14)a
June 11-20	0
June 21-30	0
No response	0

<u>Div. II (Double-crop):</u>	
June 1-10	0
June 11-20	8 (2)d
June 21-30	5 (3)
July 1+	2 (2)e
No response	0

### What was your planting rate (seeds/acre)?

<u>Division I (Single-crop):</u>	
<100,000	0
100,000 - 125,000	4 (4)
126,000 - 150,000	15 (13)a
151,000 - 175,000	36 (27)b,c
176,000 - 200,000	4 (1)
201,000 - 225,000	1 (1)
225,000 +	0
No response	0

<u>Division II (Double-crop):</u>	
< 125,000	0
126,000 - 150,000	3 (1)
151,000 - 175,000	4 (2)d
176,000 - 200,000	8 (4)e
201,000 - 225,000	0
225,000 +	0
No response	0

### What rate of P<sub>2</sub>O<sub>5</sub> and K<sub>2</sub>O were applied?

<u>Lbs/A</u>	<u>P<sub>2</sub>O<sub>5</sub></u>	<u>K<sub>2</sub>O</u>
0	36 (26)a,d	29 (23)a,c,d
1-40	7 (5)e	2 (2)e
41-80	24 (15)b,c	18 (8)
81-120	5 (4)	21 (16)b
120 +	0	2 (1)
Manure applied	3 (3)	3 (3)
No response	0	0

**Was nitrogen applied?**

Yes	30 (20)c,e
No	42 (30)a,b,d
Manure applied	3 (3)
No response or unknown	0

**What was your previous crop?**Div. I (Single-crop):

Corn	48 (42)a,b,c
Soybeans	7 (2)
Grain Sorghum	0
Soybeans Double-crop	0
Pasture or Sod (grass)	2 (1)
Tobacco	1 (1)
No response	2

Div. II (Double-crop):

Wheat	15 (7)d,e
Barley	0
Canola	0
No response	0

**Was a foliar fungicide used?**

Yes	38 (32)a,b,c,d,e
No	32 (18)
No response	5 (3)

Products used:

Headline	21 (19)a,b,c,d,e
Quadris	16 (12)
Aftershock	1 (1)

**Was an insecticide used?**

Yes	43 (34)a,c,d,e
No	27 (16)b
No response	5 (3)

Products used:

Endigo	1 (1)
Hero	10 (8)a
Mustang Max	5 (5)c,d
Mustang Max + Hero	1 (1)
Pyrethroid	1 (1)
Tombstone	11 (10)e
Warrior	12 (7)
Warrior + Hero	1

**Five most planted varieties of 36 used.**

Beck's 432NR	8 (5)
Dyna-Gro 37P37	6 (6)b
Pioneer 94Y70	6 (5)
Beck's 294NR	5 (5)c
So States SS3820NR2	4 (2)

**What type of herbicide application did you use?**

Preemergence (PRE)	2 (2)c
PRE + Postemergence	51 (36)b,d
Postemergence (POST)	22 (15)a,e
No Response	0

**What herbicides were used?**

Authority (PRE)	1 (1)
Authority Assist (PRE)	1 (1)
Autumn (PRE)	2 (2)
Cobra + Shadow (POST)	1 (1)
Flexstar GT (POST)	6 (6)
Fusilade + Flexstar (POST)	1
Fusion + Reflex + Basagran (POST)	2 (1)
Gramoxone (PRE)	1
Gramoxone + Authority Assist (PRE)	1 (1)
Gramoxone + Boundary (PRE)	1 (1)
Gramoxone + Boundary + Sharpen (PRE)	3 (3)
OpTill (PRE)	1 (1)
Valor (PRE)	3 (2)
Valor + Extreme (PRE)	1 (1)

Glyphosate Products, Pre-mixes and Tank Mixes:

Durango (POST)	2 (2)e
Durango + Authority (PRE)	1 (1)
Durango + Flexstar GT (POST)	1 (1)
Gly-4 Plus (POST)	1
Gly-4 Plus (POST-twice))	1
Gly-4 Plus + Touchdown (POST)	1 (1)
Glyphosate (POST)	3 (1)
Glyphosate (PRE + POST)	2
GlyPho-Sel Pro (POST)	1 (1)
GlyPho-Sel Pro + FirstRate (PRE)	1 (1)
Helosate Plus (POST)	1 (1)
Helosate Plus (POST-twice)	1
Mad Dog (PRE + POST)	1
Makazee (POST)	3 (2)
Makazee + 2,4-D (PRE)	3 (2)
Roundup* (PRE)	2 (2)c
Roundup* + Authority Assist (PRE)	2 (1)
Roundup* + Authority XL + Salvo (PRE)	1 (1)
Roundup* + Boundary (PRE)	2 (2)
Roundup* + Salvo (PRE)	1 (1)
Roundup* + Touchdown + Authority XL (PRE)	1
Roundup* (PRE + POST)	17 (13)b,d
Roundup* (POST)	16 (14)a
Roundup* (POST-twice)	6 (4)
Roundup* + FirstRate (POST)	2
Roundup* + Pursuit (POST)	1 (1)

**(Continued on next page)**

Touchdown* (POST)	2
Touchdown* + Authority (PRE)	2 (1)
Touchdown* + Cadet (POST)	1 (1)
Touchdown* + Classic (POST)	1
No response (herbicides not listed)	0

\*Various formulations used.

Explanation of letter codes (State winners):

- a = State Champion
- b = Div. I (Single-crop) 1<sup>st</sup> Place
- c = Div. I (Single-crop) 2<sup>nd</sup> Place
- d = Div. II (Double-crop) 1<sup>st</sup> Place
- e = Div. II (Double-crop) 2<sup>nd</sup> Place



## Soybean Quality Contest Summary

### I. State Quality Awards: Highest % Oil and Highest % Protein

<u>Award</u>	<u>Name</u>	<u>County</u>	<u>Variety</u>	<u>% Oil</u>	<u>% Protein</u>
Oil-1 <sup>st</sup> Place	Horn Farms	Daviess	Beck's 362NR	<b>20.00</b>	31.36
Oil-2 <sup>nd</sup> Place	S & S Farms	Union	Beck's 294NR	<b>19.94</b>	32.97
Protein-1 <sup>st</sup> Place	Jim/Matthew Meadows	Lewis	Stewart 3801	16.61	<b>36.15</b>
Protein-2 <sup>nd</sup> Place	Rick Barber	Fleming	Asgrow AG4005	16.13	<b>35.24</b>

---

### II. Listing of all 48 entries

<u>Name</u>	<u>County</u>	<u>Variety</u>	<u>% Oil</u>	<u>% Protein</u>
<b>A. Division I (Single-crop)</b>				
1. Woodrum Brothers	Casey	Asgrow AG4405	17.36	34.15
2. Woodrum Brothers	Casey	Asgrow AG4405	18.55	31.78
3. Elden Ginn	Fleming	So. States SS3820NR2	17.64	33.49
4. Timmy Perkins	Fleming	So. States SS3820NR2	17.53	33.43
5. Heritage Acres (Mark Henderson)	Fleming	So. States SS3820NR2	19.31	32.64
6. Tim Earlywine	Fleming	Pioneer 94Y20	17.71	33.38
7. Rick Barber	Fleming	Asgrow AG4005	16.13	35.24
8. Billy Adam & Dan McCord	Fleming	So. States SS3820NR2	17.10	34.00
9. Jim & Matthew Meadows	Lewis	Stewart 3801	16.61	36.15
10. Williams Farm	Mason	Asgrow AG3931	17.21	32.76
11. Williams Farm	Mason	Asgrow AG3931	18.61	32.23
12. James Sexton & York	Wayne	Pioneer 94Y70	18.64	32.42
13. James Sexton & Dalton	Wayne	Asgrow AG4403	18.17	34.07
14. James Sexton & Dalton	Wayne	Beck's 445NR	18.52	32.99
15. David Byler	Wayne	Pioneer 94Y70	18.48	31.09
16. Basham Farms	Hopkins	Dyna-Gro 37RY47	17.21	32.79
17. Basham Farms	Hopkins	Dyna-Gro 37RY47	17.77	33.09
18. Matt Frazer	Hopkins	Pioneer 94Y70	17.84	31.61
19. Herring Farms	Hopkins	Channel 4125R2	18.19	33.04
20. Castlen Brothers Farms	Daviess	Pioneer 94Y22	18.44	32.81
21. Castlen Brothers Farms	Daviess	Beck's 362NR	18.64	32.67
22. Sparks Farms	Daviess	Beck's 294NR	17.52	32.55
23. Sparks Farms	Daviess	Beck's 294NR	19.44	33.03
24. Sparks Farms	Daviess	Dyna-Gro 37P37	19.90	33.37
25. Horn Farms	Daviess	Beck's 362NR	19.82	31.83

	<u>Name</u>	<u>County</u>	<u>Variety</u>	<u>% Oil</u>	<u>% Protein</u>
26.	Horn Farms	Daviess	Beck's 362NR	20.00	31.36
27.	Meredith Farms	Henderson	Pioneer 93Y92	17.91	32.17
28.	Joel King	Henderson	Pioneer 94Y50	18.37	32.15
29.	Donnie Greenwell	Union	So. States SS4700NR2	17.65	31.26
30.	Donnie Greenwell	Union	So. States SS4700NR2	17.71	32.70
31.	Waller Brothers	Union	Dyna-Gro 37P37	17.37	33.38
32.	Waller Brothers	Union	Dyna-Gro 37P37	17.39	33.31
33.	Pride Farms	Union	Beck's 294NR	19.31	32.79
34.	S & S Farms (Brian Shouse)	Union	Beck's 294NR	19.94	32.79
35.	S & S Farms (David Shouse)	Union	Beck's 294NR	19.24	34.18
36.	Clements Brothers	Union	Dyna-Gro 37P37	17.72	33.35
37.	Malcolm Wheatley	Union	Dyna-Gro 38RY45	17.62	32.52
38.	Running T Farms	Union	Beck's 444NR	<u>18.26</u>	<u>33.47</u>
			<b>Single-crop Avg.</b>	18.18	32.95
<b>B. Division II (Double-crop)</b>					
1.	Williams Farms	Wayne	Pioneer 94Y70	17.77	33.22
2.	Williams Farms	Wayne	So. Cross Caleb	18.54	32.16
3.	Joel Armistead	Logan	Asgrow AG4730	18.53	32.64
4.	Armistead Farms	Logan	Asgrow AG4730	18.67	32.54
5.	Waller Brothers	Union	Dyna-Gro 33RY47	17.66	32.94
6.	Todd Clements/Anderson Farms	Union	Pioneer 94Y92	17.42	32.03
7.	Todd Clements/Anderson Farms	Union	Pioneer 94Y92	16.91	32.50
8.	Phillip Baird	Union	Dyna-Gro 38RY45	17.68	32.85
9.	S & S Farms (Brian Shouse)	Union	Asgrow AG4907	16.95	32.11
10.	Daryl French	Union	Pioneer 94Y70	<u>16.99</u>	<u>34.31</u>
			<b>Double-crop Avg.</b>	17.71	32.73
			<b>Grand Avg. (48 samples)</b>	<b>18.08</b>	<b>32.91</b>

## **Cooperating Agri-Business Companies and Associations**

Appreciation is expressed for the financial support provided by the following Agricultural Associations and Agri-Chemical and Seed Companies which made it possible to provide proper recognition of the winners and participants in this contest.

### **PLATINUM LEVEL**

Kentucky Soybean Association/Kentucky Soybean Promotion Board

### **GOLD LEVEL**

Crop Production Services

DuPont

Dyna-Gro Seed

Farm Credit Services of Mid-America

FMC

Monsanto

Pioneer Hi-Bred International

Security Seed & Chemical

Syngenta Crop Protection

### **SILVER LEVEL**

Agri-Chem

BASF

Beck's Hybrids

Southern States Cooperative

### **BRONZE LEVEL**