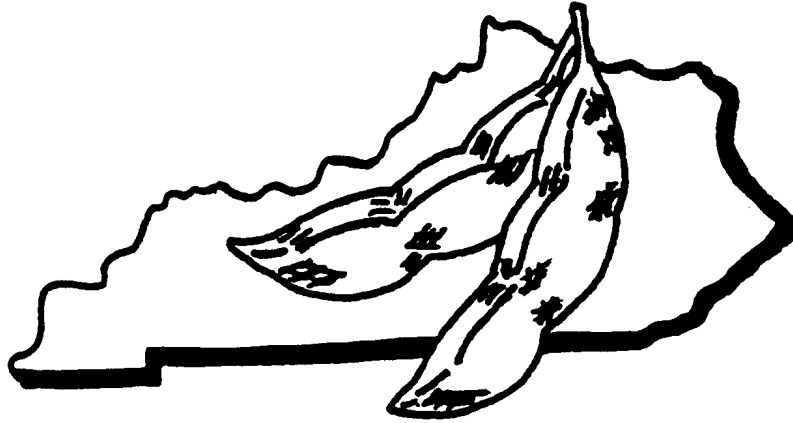


**2008**

**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 23, 2009**

## 2008 Kentucky Soybean Production Contest

### Summary of Award Winners

Total yield entries completed - 63  
     Div. I (Single-crop) - 43  
     Div. II (Double-crop) - 20  
 Soybean Quality Entries - 40  
 Kentucky counties represented - 16

#### 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	Waller Brothers	Union	Vigoro V42N3RR	88.02
1st Place	I	PPJ Thompson Farms	Daviess	Pioneer 94Y60	84.22
2nd Place	I	Phillip Baird	Union	Vigoro V48N7RS	81.60
1st Place	II	H & G Thomas Farms	Henderson	Vigoro V48N7RS	68.51
2nd Place	II	Land-O-Nan Farms	Union	Vigoro V48N7RS	66.11

#### 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	Griffith Farms	Graves	Vigoro V265RR	78.95
2	I	Chris Greenwell	Union	Beck's 274NRR	80.68
3	I	John Martin	Todd	Vigoro V48N7RS	76.09
4	I	Peterson Farms	Nelson	Pioneer 93B82	81.04
5	I	Schwenke Brothers	Boone	Pioneer 94M30	64.44
6	I	Donald Poore	Cumberland	NK Brand S38-D5	71.08

#### III. 60+ Bushel Club

	<u>Name</u>	<u>County</u>	<u>Variety</u>	<u>Yield (Bu/A)</u>
A.	Division I - Single-crop			
1.	Waller Brothers	Union	Vigoro V42N3RR	88.02
2.	PPJ Thompson Farms	Daviess	Pioneer 94Y60	84.22
3.	Phillip Baird	Union	Vigoro V48N7RS	81.60
4.	Peterson Farms	Nelson	Pioneer 93B82	81.04
5.	Chris Greenwell	Union	Beck's 274NRR	80.68
6.	Castlen Brothers Farms	Daviess	Pioneer 93M60	80.47
7.	Castlen Brothers Farms	Daviess	Pioneer 93M60	79.75
8.	Phillip Baird	Union	Vigoro V48N7RS	79.63
9.	Murray Mason	Union	Asgrow AG4404	79.18
10.	Griffith Farms	Graves	Vigoro V265RR	78.95

11.	Chris Greenwell	Union	Becks 274NRR	78.75
12.	Richard Leslie	Union	So. Cross Michael	77.95
13.	Goetz Brothers Farms	Daviess	Beck's 422NRR	77.02
14.	Phillip Meredith	Henderson	Stine 4782-4	76.34
15.	Richard Leslie	Union	So. Cross Michael	76.19
16.	John Martin	Todd	Vigoro V48N7RS	76.09
17.	PPJ Thompson Farms	Daviess	Pioneer 94M80	75.44
18.	Monty Parrish	Henderson	Asgrow AG3906	75.04
19.	Billy Ray Farms	Henderson	Asgrow ?????	74.96
20.	Joe Robert Buckman	Marion	NK Brand S39-A3	74.47
21.	Grimes Farms	Larue	Vigoro V48N7RS	73.92
22.	Phillip Meredith	Henderson	Stine 4782-4	72.34
23.	Donald Poore	Cumberland	NK Brand S38-D5	71.08
24.	Allen LeGrand	Hopkins	Vigoro V48N7RS	71.02
25.	Scates Farms	Union	Hi-soy 4366	70.12
26.	Bill Gough	Union	Vigoro V48N7RS	69.40
27.	Phillip Baird	Union	Pioneer 94M80	69.18
28.	Sprague Brothers Farms	Union	Crow's C4119R	68.09
29.	Stephen Farms	Daviess	Dyna-Gro 35B40	66.86
30.	Darrell French	Union	Trisoy 4465RR	65.78
31.	Morris Farms	Casey	Pioneer 94B73	65.77
32.	Allen LeGrand	Hopkins	Vigoro V48N7RS	65.39
33.	Kevin Clark	Hardin	So. Cross Eli	65.38
34.	Schwenke Brothers	Boone	Pioneer 94M30	64.44
35.	Shane Wells	Butler	Asgrow AG3906	63.68
36.	Joe Robert Buckman	Marion	NK Brand S39-A3	62.16

B. Division II – Double-crop

1.	H & G Thomas Farms	Henderson	Vigoro V48N7RS	68.51
2.	Land-O-Nan Farms	Union	Vigoro V48N7RS	66.11
3.	Fischer Farms	Daviess	So. Cross Eli	64.00
4.	Peterson Farms	Marion	Asgrow A4341	63.83
5.	Running T Farms	Union	DeKalb DKB46-51	63.68
6.	Running T Farms	Union	DeKalb DKB46-51	60.51

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#### IV. County Agricultural Agent Awards

<u>Award</u>	<u>Agent</u>	<u>County</u>	<u>Yield (Bu/A)</u> or <u>(# Entries)</u>
1. Agent with State Champion Entry	Rankin Powell	Union	88.02
2. Agent with Top 3 Avg. Yield	Rankin Powell	Union	83.43
3. Most Entries Submitted	Rankin Powell	Union	(21)
4. Submitted 3 or more entries (and did not receive one of the above awards)	Mike Smith	Henderson	(7)
	George Kelley	Hopkins	(4)
	Clint Hardy	Daviess	(11)
	Greg Drake	Butler	(5)
	Pat Hardesty	(for Marion Co.)	(3)

#### 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			
Brad Reddick	Carlisle	Asgrow AG4703	55.09
Danny Basham	Hopkins	Vigoro V48N7RS	57.59
Jamie Summers	Butler	Crow's C4517R	57.47
Jamie Summers	Butler	Crow's C4517R	56.67
Jamie Summers	Butler	Crow's C4517R	53.83
Bertram Brothers	Wayne	Asgrow AG4404	58.88
David Higginbotham	Wayne	NK Brand S49-H7	55.19
B. Division II - Double-crop			
Goetz Brothers Farms	Daviess	Dyna-Gro 36Y48	54.57
PPJ Thompson Farms	Daviess	Pioneer 94M80	54.27
Triple T Farms	Daviess	So. Cross Dan	53.47
Darrell Hagan Farms	Daviess	NK Brand S49-Q9	50.30
H & G Thomas Farms	Henderson	Crow's C4517R	56.28
H & G Thomas Farms	Henderson	Pioneer 94Y60	54.76
Running T Farms	Union	DeKalb DKB46-51	59.39
Bill Gough	Union	Pioneer 94M80	58.83
Waller Brothers	Union	Pioneer 94M80	55.34
Waller Brothers	Union	Pioneer 94M80	51.81
Rodney Robinson	Union	Vigoro V48N7RS	52.23
Greg Crowley	Hopkins	Vigoro V50N6RR	52.95
Miller Brothers	Todd	Asgrow AG4903	57.12
Dwayne McKinney	Butler	Asgrow AG4703	49.06

## Summary of Cultural Practices

The information summarized below is from a questionnaire completed by each of the 63 yield contestant entries. A no response means the information was not provided by the contestant(s). The number in ( ) represents the 42 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).

### What kind of seed was used?

New seed	62	(41)a,b,c,d,e
Saved seed	1	(1)
No response	0	

### Germination of seed planted.

90% or more	23	(16)a,c,e
85-89%	17	(14)b
80-84%	13	(5)
<80%	0	
No response	10	(7)d

### Did you inoculate your seed?

Yes	34	(23)a,e
No	25	(17)b,c,d
No response	4	(2)

### What tillage system was used?

<u>Div. I (Single-crop):</u>		
Conventional	0	
Minimum-till	15	(12)c
No-tillage	28	(24)a,b
No response	0	
<u>Div. II (Double-crop):</u>		
Conventional	0	
Minimum-till	0	
No-tillage	20	(6)d,e
No response	0	

### What row width did you plant?

<u>Div. I (Single-crop):</u>		
Solid (B'cast)	0	
6-10"	6	(4)b
11-15"	31	(27)a,c
16-20"	1	(1)
21-29"	0	
30"	4	(3)
31-40"	0	
30" twin rows	1	(1)
No response	0	
<u>Div. II (Double-crop):</u>		
6-10"	4	(2)
11-15"	15	(4)d,e
16-20"	0	
30"	0	
No response	1	

### What was your planting date?

<u>Div. I (Single-crop):</u>		
Before April 20	0	
April 20-30	5	(5)b
May 1-10	6	(6)a,c
May 11-20	8	(8)
May 21-31	20	(17)
June 1-10	3	
June 11-20	1	
June 21-30	0	
No response	0	
<u>Div. II (Double-crop):</u>		
June 1-10	0	
June 11-20	6	(4)e
June 21-30	9	(2)d
July 1+	5	
No response	0	

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

<u>Division I (Single-crop):</u>		
<100,000	0	
100,000 - 125,000	1	(1)
126,000 - 150,000	10	(9)
151,000 - 175,000	17	(16)a,c
176,000 - 200,000	13	(8)
201,000 - 225,000	2	(2)b
225,000 +	0	
No response	0	
<u>Division II (Double-crop):</u>		
< 125,000	0	
126,000 - 150,000	1	
151,000 - 175,000	6	(2)
176,000 - 200,000	7	(2)e
201,000 - 225,000	5	(1)d
225,000 +	1	(1)
No response	0	

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

Lbs/A	P <sub>2</sub> O <sub>5</sub>	K <sub>2</sub> O		
0	28	(20)c	25	(19)c
1-40	3	(2)	3	(2)
41-80	20	(11)a,e	14	(9)e
81-120	3	(3)d	12	(6)a,d
120 +	1	(1)	1	(1)
Manure applied	7	(4)b	7	(4)b
No response	1	(1)	1	(1)

**Was nitrogen applied?**

Yes	14 (10)c
No	41 (27)a,d,e
Manure applied	7 (4)b
No response or unknown	1 (1)

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

Corn	39 (33)a,b,c
Soybeans	3 (2)
Grain Sorghum	0
Soybeans Double-crop	0
Pasture or Sod (grass)	0
None (Fallow)	0
No response	1 (1)

Div. II (Double-crop):

Wheat	19 (6)d,e
Barley	0
Canola	1
No response	0

**Was a foliar fungicide used?**

Yes	43 (28)a,b,c,e
No	20 (14)d
No response	0

Products used:

Headline	32 (20)a,c,e
Quadris	1 (1)
Quilt	3 (3)b
Domark	7 (4)

**Was an insecticide used?**

Yes	29 (22)a,b,c
No	34 (20)d,e
No response	0

Products used:

Asana	1 (1)
Cruiser Max Plus	1 (1)
Grizzly	2 (1)
Hero	12 (8)a,b
Mustang Max	6 (5)c
Taiga	2 (2)
Tombstone	4 (3)
Warrior	1 (1)

**Four most planted varieties of 33 used.**

Vigoro V48N7RS	11 (9)c,d,e
Pioneer 94M80	6 (2)
Crow's C4517R	4
DeKalb DKB46-51	3 (2)

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

Preemergence (PRE)	0
PRE + Postemergence	30 (24)b
Postemergence (POST)	33 (17)a,c,d,e
None	0
No Response	0

**What herbicides were used?**

Fusion + Reflex + Basagran	1 (1)
Fusion + Reflex + Basagran + Classic	1 (1)
Gramoxone + Authority First	1 (1)b
Gramoxone + 2,4-D + Valor	2 (2)
Valor	1 (1)
<u>Glyphosate Products, Pre-mixes and Tank Mixes:</u>	
Cinco (POST)	1 (1)
Cinco + Authority + Salvo (PRE)	1 (1)
Credit Extra (POST)	1
Durango (PRE + POST)	1 (1)
Durango (POST-twice)	1
Extreme + 2,4-D (PRE)	1 (1)
Glyphosate (POST)	4 (2)
Glyphosate + FirstRate (PRE)	1
Glyphosate + 2,4-D (PRE)	1 (1)
Roundup* + Canopy + 2,4-D (PRE)	3
Roundup* + Prefix (PRE)	2 (2)
Roundup* + Scepter (PRE)	1 (1)
Roundup* + Valor + 2,4-D (PRE)	1 (1)
Roundup* (POST)	22 (10)a,b,d,e
Roundup* (POST-twice)	11 (9)c
Roundup* + FirstRate (POST)	2 (2)
Roundup* + Resource (POST)	3 (3)
Roundup* (PRE + POST)	7 (5)
Touchdown (PRE)	1 (1)
Touchdown + 2,4-D (PRE)	2 (2)
Touchdown + Canopy (PRE)	2 (2)
Touchdown + Rage D-tech (PRE)	1 (1)
Touchdown (POST)	5 (4)
Touchdown + Synchrony (POST-twice)	2 (2)
Touchdown (PRE + POST)	1 (1)

\*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	Danny Basham	Hopkins	Vigoro V48N7RS	<b>20.32</b>	33.40
Oil-2 <sup>nd</sup> Place	Allen LeGrand	Hopkins	Vigoro V48N7RS	<b>19.87</b>	31.48
Protein-1 <sup>st</sup> Place	Running T Farms	Union	DeKalb DKB46-51	17.39	<b>37.10</b>
Protein-2 <sup>nd</sup> Place	Bill Gough	Union	Pioneer 94M80	17.24	<b>36.57</b>

### II. Listing of all 40 entries

	<u>Name</u>	<u>County</u>	<u>Variety</u>	<u>% Oil</u>	<u>% Protein</u>
<b>A. Division I (Single-crop)</b>					
1.	Brad Reddick	Carlisle	Asgrow AG4703	18.97	34.73
2.	Griffith Farms	Graves	Vigoro V265RR	19.49	34.68
3.	Danny Basham	Hopkins	Vigoro V48N7RS	20.32	33.40
4.	Allen LeGrand	Hopkins	Vigoro V48N7RS	19.87	31.48
5.	Allen LeGrand	Hopkins	Vigoro V48N7RS	18.92	34.07
6.	Shane Wells	Butler	Asgrow AG3906	19.73	34.18
7.	Jamie Summers	Butler	Crow's C4517R	18.08	35.11
8.	Jamie Summers	Butler	Crow's C4517R	18.69	32.89
9.	Jamie Summers	Butler	Crow's C4517R	18.22	33.19
10.	Grimes Farms	Larue	Vigoro V48N7RS	19.00	33.35
11.	Donald Poore	Cumberland	NK Brand S38-D5	18.79	34.57
12.	Phillip Meredith	Henderson	Stine 4782-4	18.65	33.63
13.	Phillip Meredith	Henderson	Stine 4782-4	18.86	33.71
14.	PPJ Thompson Farms	Daviess	Pioneer 94Y60	18.60	35.52
15.	PPJ Thompson Farms	Daviess	Pioneer 94M80	18.93	36.20
16.	Castlen Brothers Farms	Daviess	Pioneer 93M60	18.76	34.54
17.	Castlen Brothers Farms	Daviess	Pioneer 93M60	18.87	34.29
18.	Waller Brothers	Union	Vigoro V42N3RR	19.25	33.31
19.	Phillip Baird	Union	Vigoro V48N7RS	19.78	31.77
20.	Phillip Baird	Union	Vigoro V48N7RS	19.44	32.25
21.	Phillip Baird	Union	Pioneer 94M80	18.53	34.81
22.	Chris Greenwell	Union	Beck's 274NRR	18.67	34.72
23.	Chris Greenwell	Union	Beck's 274NRR	18.47	34.67
24.	Murray Mason	Union	Asgrow AG4404	18.11	35.05
25.	Richard Leslie	Union	So. Cross Michael	19.22	34.18
26.	Richard Leslie	Union	So. Cross Michael	19.04	33.78
27.	Scates Farms	Union	Hi-soy 4366	18.51	35.76
28.	Bill Gough	Union	Vigoro V48N7RS	19.55	33.05
29.	Sprague Brothers Farms	Union	Crow's C4119R	18.89	33.12
30.	Darrell French	Union	Trisoy 4465RR	<u>17.57</u>	<u>34.85</u>
			<b>Single-crop Avg.</b>	18.93	34.03

<u>Name</u>	<u>County</u>	<u>Variety</u>	<u>% Oil</u>	<u>% Protein</u>
<b>B. Division II (Double-crop)</b>				
1. Dwayne McKinney	Butler	Asgrow AG4703	18.72	33.29
2. H & G Thomas Farms	Henderson	Vigoro V48N7RS	18.63	32.96
3. Land-O-Nan Farms	Union	Vigoro V48N7RS	18.12	33.86
4. Running T Farms	Union	DeKalb DKB46-51	17.42	36.02
5. Running T Farms	Union	DeKalb DKB46-51	17.15	35.92
6. Running T Farms	Union	DeKalb DKB46-51	17.39	37.10
7. Bill Gough	Union	Pioneer 94M80	17.24	36.57
8. Waller Brothers	Union	Pioneer 94M80	16.89	35.55
9. Waller Brothers	Union	Pioneer 94M80	17.92	35.17
10. Rodney Robinson	Union	Vigoro V48N7RS	17.36	36.45
<b>Double-crop Avg.</b>			17.68	35.29
<b>Grand Avg. (40 samples)</b>			<b>18.30</b>	<b>34.66</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**

Bayer Crop Science

DuPont Crop Protection

Farm Credit Services of Mid-America

FMC

Monsanto

Pioneer Hi-Bred International

Syngenta Crop Protection

### **SILVER LEVEL**

Agri-Chem

Crop Production Services (Vigoro Brand Seed)

Crow's Seed Company

Southern States Coop.

Syngenta Seeds (NK Brand Soybeans)

### **BRONZE LEVEL**

BASF

Beck's Hybrids

Dow AgroSciences

Miles Seed (Southern Cross Brand Seed)