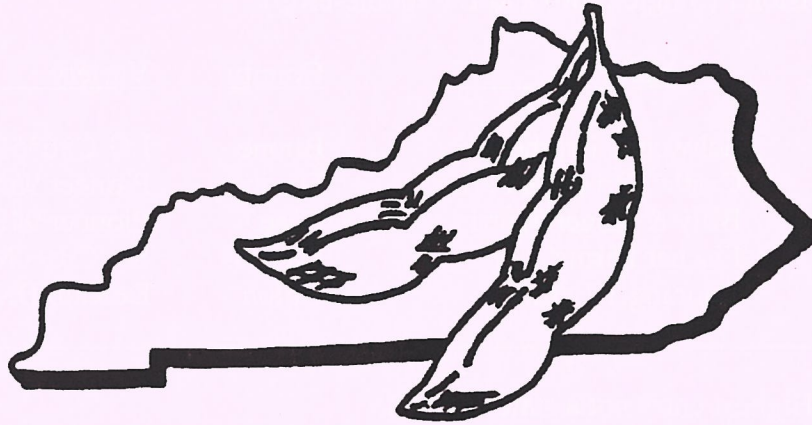


**2004**

**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 18, 2005**

## 2004 Kentucky Soybean Production Contest

### Summary of Award Winners

Total entries completed - 36  
     Div. I (Single-crop) - 32  
     Div. II (Double-crop) - 4  
 Kentucky counties represented - 13  
 Soybean varieties or blends - 25

#### I. State 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	Schwenke Brothers	Boone	LG C3655RR	92.01
1st Place	I	Castlen Brothers Farms	Daviess	Pioneer 93M90	87.50
2nd Place	I	Billy & Roger Morris	Casey	Pioneer 94B73	81.37
1st Place	II	Fischer Farms	Daviess	So. Cross Michael-RR	65.05
2nd Place	II	Running T Farms	Union	DeKalb DKB46-51	59.60

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#### II. District 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	Pioneer 94B74	70.53
2	I	Paul S. Fullenwider Farms	Daviess	Pioneer 94M70	81.24
3	I	Seven Springs Farms	Trigg	Pioneer 93B01	81.23
4	I	D & H Farms	Warren	So. Cross Michael-RR	81.09
5		"No Entries Received"			
6	I	James Sexton & Cooley	Wayne	NK Brand S39-Q9	65.82

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#### III. 60+ Bushel Club

<u>Name</u>	<u>County</u>	<u>Variety</u>	<u>Yield (Bu/A)</u>
A. Division I - Single-crop			
1. Schwenke Brothers	Boone	LG C3655RR	92.01
2. Castlen Brothers Farms	Daviess	Pioneer 93M90	87.50
3. Castlen Brothers Farms	Daviess	Pioneer 93M90	83.16
4. Billy & Roger Morris	Casey	Pioneer 94B73	81.37
5. Paul S. Fullenwider Farms	Daviess	Pioneer 94M70	81.24
6. Seven Springs Farms	Trigg	Pioneer 93B01	81.23
7. D & H Farms	Warren	So. Cross Michael-RR	81.09
8. Elkins Farms	Warren	Pioneer 94B13	80.53
9. J & D Farms	Daviess	Stine S3932-4	80.42

**60+ Bushel Club (Cont'd)**

10.	Land-O-Nan Farms	Union	CPS 6491NRR	78.58
11.	Roy Robinson	Union	DeKalb DKB38-52	78.48
12.	Jerry & Ed White	Union	Crow's C8415R	78.40
13.	Hancock Brothers	Union	NK Brand S49-Q9	72.49
14.	Jed Clark	Graves	Pioneer 94B74	70.53
15.	Dennis Clark	Graves	Stine S4442-4	70.14
16.	Pasture Belt Farms	Daviess	So. Cross Michael-RR	68.58
17.	Harold Ebelhar	Daviess	NK Brand S49-Q9	68.40
18.	Sprague Brothers	Union	Asgrow AG3905	68.08
19.	Ray Weir	Hopkins	CPS 6444NRR/6451NRR	67.72
20.	Sprague Brothers	Union	Asgrow AG3905	67.42
21.	James Sexton & Cooley	Wayne	NK Brand S39-Q9	65.82
22.	Sam Coblentz	Todd	Crow's C4815R	65.60
23.	Reding Farms	Larue	NK Brand S42-H1	65.01
24.	Taylor Brothers Farms	Daviess	Asgrow AG3903	64.93
25.	Mark Litzinger	Mason	Pioneer 94B13	64.60
26.	J. David Miller	Hardin	So. Cross Michael-RR	62.97
27.	Sprague Brothers	Union	Asgrow AG3905	62.90
28.	James Sexton & Cooley	Wayne	Asgrow AG4603	62.51
29.	Ken Maur Farms	Daviess	NK Brand S49-Q9	62.16
30.	Bobby Alvey	Daviess	Asgrow AG4403	61.09
31.	Allen LeGrand	Hopkins	DeKalb DKB32-51	60.04
B.	Division II – Double-crop			
1.	Fischer Farms	Daviess	So. Cross Michael-RR	65.05

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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	Jerry Brown	Boone	92.01
2. Agent with Top 3 Avg. Yield	Clint Hardy	Daviess	83.97
3. Most Entries Submitted	Clint Hardy	Daviess	(11)

## Summary of Cultural Practices

The information summarized below is from a questionnaire completed by each of the 36 contestant entries. A no response means the information was not provided by the contestant(s). The number in ( ) represents the 32 entries that yielded over 60 bushels per acre. The letters (a,b,c,d,e) represent practices of the State Winners (Letter codes explained at end of summary).

### What kind of seed was used?

New seed	36	(32)a,b,c,d,e
Saved seed	0	
No response	0	

### Germination of seed planted.

90% or more	22	(19)a,b,d,e
85-89%	7	(6)
80-84%	3	(3)c
<80%	0	
No response	4	(4)

### Did you inoculate your seed?

Yes	21	(19)a,c,e
No	11	(10)b,d
No response	4	(3)

### What tillage system was used?

<u>Div. I (Single-crop):</u>		
Conventional	0	
Minimum-till	12	(12)a
No-tillage	19	(18)b,c
No response	1	(1)
<u>Div. II (Double-crop):</u>		
Conventional	0	
Minimum-till	0	
No-tillage	4	(1)d,e
No response	0	

### What row width did you plant?

<u>Div. I (Single-crop):</u>		
Solid (B'cast)	0	
6-10"	3	(2)
11-15"	26	(26)a,b
16-20"	2	(2)c
21-29"	0	
30"	0	
31-40"	1	(1)
No response	0	
<u>Div. II (Double-crop):</u>		
6-10"	2	
11-15"	2	(1)d,e
16-20"	0	
30"	0	
No response	0	

### What was your planting date?

<u>Div. I (Single-crop):</u>		
Late April	2	(2)
May 1-10	13	(13)b,c
May 11-20	9	(8)a
May 21-31	5	(5)
June 1-10	2	(2)
June 11-20	1	(1)
June 21-30	0	
July 1+	0	
No response	0	
<u>Div. II (Double-crop):</u>		
June 1-10	0	
June 11-20	4	(1)d,e
June 21-30	0	
July 1+	0	
No response	0	

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

<u>Division I (Single-crop):</u>		
< 125,000	0	
126,000 - 150,000	3	(3)
151,000 - 175,000	17	(17)a,b,c
176,000 - 200,000	8	(8)
201,000 - 225,000	0	
225,000 +	0	
No response	4	(3)
<u>Division II (Double-crop):</u>		
< 125,000	0	
126,000 - 150,000	0	
151,000 - 175,000	2	(1)d,e
176,000 - 200,000	2	
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?

Lbs/A	P <sub>2</sub> O <sub>5</sub>	K <sub>2</sub> O
0	16	13
1-40	3	1
41-80	10	6
81-120	1	9
120 +	1	2
Manure applied	2	2
No response	3	3



**Was nitrogen applied?**

Yes	5	(5)
No	26	(23)a,b,c,d,e
Manure applied	2	(2)
No response or unknown	3	(2)

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

Corn	31	(30)a,b,c
Soybeans	1	(1)
Grain Sorghum	0	
Small Grains	0	
Wheat/Soybeans Double-crop	0	
Barley/Soybeans Double-crop	0	
Pasture or Sod	0	
Corn/Wheat Cover crop	0	
None (Fallow)	0	
No response	0	

Div. II (Double-crop):

Wheat	4	(1)d,e
Barley	0	
Canola	0	
No response	0	

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

Preplant-incorp. (PPI)	0	
Preemergence (PRE)	2	(2)
PPI + PRE	0	
PPI + Postemergence	0	
PRE + Postemergence	16	(16)b,c
PPI + PRE + POST	0	
Postemergence (POST)	18	(14)a,d,e
None	0	
No Response	0	

**Did you use some form of cultivation for weed control?**

Yes	1	(1)
No	35	(31)a,b,c,d,e
No response	0	

**Six most commonly used varieties.**

So. Cross Michael-RR	5	(4)
Asgrow AG3905	3	(3)
NK Brand S49-Q9	3	(3)
Asgrow AG4403	2	(1)
Pioneer 94B13	2	(2)
Pioneer 93M90	2	(2)

**What herbicides were used?**

Boundary	1	(1)
Fusion + Flexstar	1	(1)
<u>Glyphosate Products, Pre-mixes and Tank Mixes:</u>		
ClearOut* (POST)	2	
ClearOut* + 2,4-D (PRE)	1	(1)
Extreme (POST)	5	(5)d
Glyphomax* (PRE + POST)	2	(2)
Roundup* (PRE)	3	(3)
Roundup* (POST)	14	(12)a,e
Roundup* (PRE + POST)	9	(9)c
Touchdown* (PRE)	1	(1)
Touchdown* + Boundary (PRE)	2	(2)b
Touchdown* (POST)	3	(3)b

\*Various formulations used.

**Was a fungicide used?**

Yes	7	(7)a
No	26	(23)b,c,d,e
No response	3	(2)

Products used:

Moly-Captan	1	(1)
Quadris	6	(6)a

**Was an insecticide used?**

Yes	8	(7)a,e
No	25	(23)
No response	3	(2)

Products used:

Furadan	1	e
Mustang Max	1	(1)
Warrior	6	(6)a

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

### Summary of Other Entries

	<u>Name</u>	<u>County</u>	<u>Variety</u>	<u>Yield (Bu/A)</u>
A.	Division I - Single-crop			
	K & K Farms	Wayne	Asgrow AG4403	54.32
B.	Division II - Double-crop			
	PPJ Thompson Farms	Daviess	So. Cross Michael-RR	51.01
	Williams Farms	Wayne	Delta King 4763RR	50.49

## **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**

DuPont Crop Protection

Monsanto Company

Pioneer Hi-Bred International

Syngenta Crop Protection

### **SILVER LEVEL**

Agri-Chem

Crop Production Services (CPS Brand Seed)

Lawhon Farm Services (Delta King Seed)

### **BRONZE LEVEL**

BASF

Crow's Seed Company

Dow AgroSciences

Garst Seeds

LG Seeds

Miles Farm Supply

Monsanto Co. (Asgrow/DeKalb Brand Seed)

Southern States Coop.

Syngenta Seeds (NK Brand Seed)

Thorp Seed Co. (Golden Harvest)