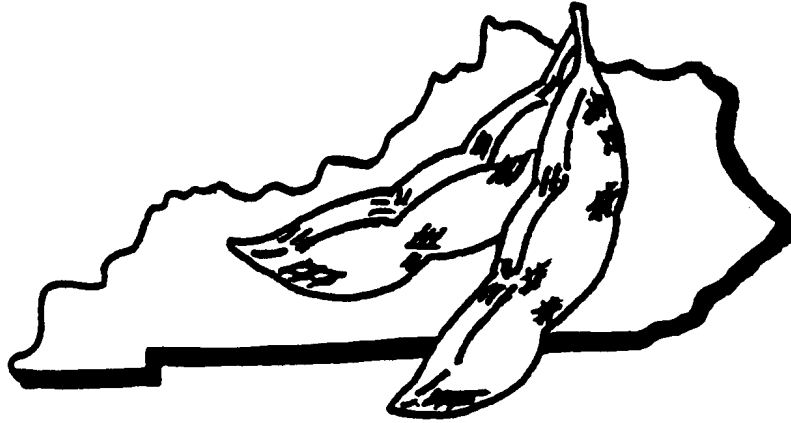


2007

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 29, 2008

2007 Kentucky Soybean Production Contest

Summary of Award Winners

Total yield entries completed - 49
 Div. I (Single-crop) - 39
 Div. II (Double-crop) - 10
 Soybean Quality Entries - 30
 Kentucky counties represented - 13

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	Phillip Baird	Union	Vigoro V48N7RS	94.01
1st Place	I	S & S Farms	Union	Beck's 342NRR	82.59
2nd Place	I	Gregg Steward	Union	Pioneer 93M42	80.16
1st Place	II	H & G Thomas Farms	Henderson	Vigoro V48N7RS	71.92
2nd Place	II	Waller Brothers	Union	Remington Seed Bean	63.10

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	73.57
2	I	Flat Lick Farms	Daviess	So. Cross Eli	77.96
3	I	Allen LeGrand	Hopkins	Vigoro V48N7RS	71.06
4	I	Peterson Farms	Marion	Pioneer 93B82	74.57
5	I	Randy Godman Farms	Harrison	Ebberts 1365RR	65.94
6	I	Morris Farms	Casey	Pioneer 94M80	62.74

III. 60+ Bushel Club

	<u>Name</u>	<u>County</u>	<u>Variety</u>	<u>Yield (Bu/A)</u>
A.	Division I - Single-crop			
1.	Phillip Baird	Union	Vigoro V48N7RS	94.01
2.	S & S Farms	Union	Beck's 342NRR	82.59
3.	Gregg Steward	Union	Pioneer 93M42	80.16
4.	Phillip Baird	Union	Vigoro V48N7RS	79.32
5.	Flat Lick Farms	Daviess	So. Cross Eli	77.96
6.	Richard Leslie	Union	So. Cross Michael	77.90
7.	Goetz Brothers	Daviess	DeKalb DKB42-51	74.73
8.	Peterson Farms	Marion	Pioneer 93B82	74.57
9.	Phillip Zoglmann	Daviess	Stine 4782-4	74.33
10.	Leo Mattingly	Henderson	Great Lakes GL4129RR	74.28

11.	Stan Williams Farms	Henderson	DeKalb DKB38-52	73.93
12.	Griffith Farms	Graves	Vigoro V265RR	73.57
13.	Land-O-Nan Farms	Union	Vigoro V48N7RS	72.66
14.	Al & Scott Zoglmann	Daviess	Vigoro V44N7RR	72.29
15.	Castlen Brothers Farms	Daviess	Beck's 422NRR	71.94
16.	Drew & Carol Burns	Daviess	Stine 3602-4	71.20
17.	Allen LeGrand	Hopkins	Vigoro V48N7RS	71.06
18.	Castlen Brothers Farms	Daviess	Pioneer 94M30	70.34
19.	PPJ Thompson Farms	Daviess	Pioneer 94M80	69.49
20.	Fischer Farms	Daviess	Vigoro V42N3RR	69.34
21.	J & D Farms	Logan	NK Brand S49-Q9	68.71
22.	Matt Mason	Union	Asgrow AG3906	66.34
23.	Randy Godman Farms	Harrison	Ebberts 1365RR	65.94
24.	Sparks Brothers Farms	Daviess	NK Brand S44-J5	64.43
25.	Paul Austin	Hopkins	Great Lakes GL4009RR	63.97
26.	PPJ Thompson Farms	Daviess	Steyer 4481	63.81
27.	Larry Parrish	Henderson	NK Brand S44-J5	63.27
28.	Morris Farms	Casey	Pioneer 94M80	62.74
29.	Omer Farms	Union	Pioneer 94M80	61.48
30.	Griffith Farms	Graves	Vigoro V265RR	61.11
31.	Schwenke Brothers	Boone	Pioneer 94M30	60.86

B. Division II – Double-crop

1.	H & G Thomas Farms	Henderson	Vigoro V48N7RS	71.92
2.	Waller Brothers	Union	Remington Seed Bean	63.10

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	94.01
2.	Agent with Top 3 Avg. Yield	Rankin Powell	Union	85.59
3.	Most Entries Submitted	Clint Hardy	Daviess	(18)
4.	Submitted 3 or more entries (and did not receive one of the above awards)	Mike Smith	Henderson	(4)
		George Kelley	Hopkins	(3)
		Chris Milam	Logan	(3)

Summary of Cultural Practices

The information summarized below is from a questionnaire completed by each of the 49 yield contestant entries. A no response means the information was not provided by the contestant(s). The number in () represents the 33 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	49	(33)a,b,c,d,e
Saved seed	0	
No response	0	

Germination of seed planted.

90% or more	22	(17)a,b,c,e
85-89%	4	(2)
80-84%	13	(6)
<80%	0	
No response	10	(8)d

Did you inoculate your seed?

Yes	18	(11)b,c,e
No	22	(15)a,d
No response	9	(7)

What tillage system was used?

<u>Div. I (Single-crop):</u>		
Conventional	1	
Minimum-till	18	(15)a,b
No-tillage	20	(16)c
No response	0	
<u>Div. II (Double-crop):</u>		
Conventional	0	
Minimum-till	0	
No-tillage	10	(2)d,e
No response	0	

What row width did you plant?

<u>Div. I (Single-crop):</u>		
Solid (B'cast)	0	
6-10"	5	(3)
11-15"	29	(24)a,b,c
16-20"	2	(1)
21-29"	0	
30"	2	(2)
31-40"	0	
No response	1	(1)
<u>Div. II (Double-crop):</u>		
6-10"	1	
11-15"	9	(2)d,e
16-20"	0	
30"	0	
No response	0	

What was your planting date?

<u>Div. I (Single-crop):</u>		
Before April 20	2	(2)
April 20-30	6	(4)a
May 1-10	11	(8)b,c
May 11-20	16	(14)
May 21-31	4	(3)
June 1-10	0	
June 11-20	0	
June 21-30	0	
No response	0	
<u>Div. II (Double-crop):</u>		
June 1-10	0	
June 11-20	4	(2)d,e
June 21-30	2	
July 1+	4	
No response	0	

What was your planting rate (seeds/acre)?

<u>Division I (Single-crop):</u>		
<100,000	0	
100,000 - 125,000	3	(3)
126,000 - 150,000	7	(4)
151,000 - 175,000	19	(18)c
176,000 - 200,000	9	(6)a,b
201,000 - 225,000	1	
225,000 +	0	
No response	0	
<u>Division II (Double-crop):</u>		
< 125,000	0	
126,000 - 150,000	0	
151,000 - 175,000	5	
176,000 - 200,000	4	(1)e
201,000 - 225,000	1	(1)d
225,000 +	0	
No response	0	

What rate of P₂O₅ and K₂O were applied?

<u>Lbs/A</u>	<u>P₂O₅</u>	<u>K₂O</u>
0	36	(26)a,b,c,e
1-40	4	(2)
41-80	1	(1)
81-120	2	(1)d
120 +	3	(2)
Manure applied	3	(1)
No response	0	
		31
		(21)c,e
		3
		(1)
		1
		(1)b
		7
		(7)a,d
		4
		(2)
		3
		(1)
		0

Was nitrogen applied?

Yes	6	(3)d
No	40	(29)a,b,c,e
Manure applied	3	(1)
No response or unknown	0	

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

Corn	37	(31)a,b,c
Soybeans	1	
Grain Sorghum	0	
Soybeans Double-crop	0	
Pasture or Sod (grass)	0	
None (Fallow)	0	
No response	1	

Div. II (Double-crop):

Wheat	10	(2)d,e
Barley	0	
Canola	0	
No response	0	

Was a foliar fungicide used?

Yes	22	(19)a,b,c,e
No	27	(14)d
No response	0	

Products used:

Headline	18	(16)a,b,c,e
Quadris	2	(1)
Quilt	1	(1)
Domark	1	(1)

Was an insecticide used?

Yes	14	(2)a
No	35	(21)b,c,d,e
No response	0	

Products used:

Cruiser	1	(1)
Mustang	2	(2)a
Mustang Max	2	(2)
Warrior	9	(7)

Three most planted varieties of 28 used.

Pioneer 94M80	7	(3)
Vigoro V48N7RS	5	(5)a,d
NK Brand S49-Q9	4	(1)

What type of herbicide application did you use?

Preemergence (PRE)	2	(2)
PRE + Postemergence	22	(18)c,e
Postemergence (POST)	25	(13)a,b,d
None	0	
No Response	0	

What herbicides were used?

Authority First	1	(1)
Authority First + 2,4-D	1	(1)
Canopy	1	(1)
Canopy + 2,4-D	1	
Fusion + Reflex + Basagran + Harmony GT	1	(1)
Gramoxone + Prefix	2	(2)
<u>Glyphosate Products, Pre-mixes and Tank Mixes:</u>		
Glyphosate (POST)	1	(1)
Gly Star Plus (POST-twice)	3	
Roundup* (PRE)	1	(1)
Roundup* + Authority First (PRE)	1	(1)
Roundup* + Classic (PRE)	1	(1)
Roundup* + Prefix (PRE)	1	(1)
Roundup* (POST)	21	(15)a,b,d
Roundup* + Aim (POST)	1	(1)
Roundup* + Fusilade (POST)	1	(1)
Roundup* + Roundup (POST)	7	(4)
Roundup* (PRE + POST)	12	(9)c,e
Touchdown* (PRE)	1	(1)
Touchdown* + Valor (PRE)	1	(1)
Touchdown* (POST)	1	(1)
Touchdown* + FirstRate (POST)	1	(1)

*Various formulations used.

Explanation of letter codes (State winners):

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

Summary of Other Yield Entries

<u>Name</u>	<u>County</u>	<u>Variety</u>	<u>Yield (Bu/A)</u>
A. Division I - Single-crop			
Davie Stephens	Hickman	Pioneer 93M42	57.53
PPJ Thompson Farms	Daviess	Pioneer 94M80	58.07
Omer Farms	Union	Pioneer 94M80	57.91
Omer Farms	Union	Pioneer 94M80	55.31
Danny Basham	Hopkins	Vigoro V44N7RR	56.25
J & D Farms	Logan	NK Brand S49-Q9	59.23
Patrick Penrod	Logan	So. States RT-4440N	32.19
Donald Poore	Clinton	NK Brand S44-J1	51.07
B. Division II - Double-crop			
Gerry Hayden	McLean	So. Cross Michael	47.81
Goetz Brothers Farms	Daviess	DynaGro 36Y48	55.44
Darrell Hagan	Daviess	NK Brand S49-Q9	52.92
Knott Farms	Daviess	Pioneer 94M80	52.15
Goetz Brothers Farms	Daviess	DynaGro 36Y48	49.90
Goetz Brothers Farms	Daviess	DynaGro 36Y48	49.47
PPJ Thompson Farms	Daviess	NK Brand S49-Q9	47.86
Hancock Brothers	Union	Asgrow AG4703	50.14

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	Drew & Carol Burns	Daviess	Stine 3602-4	19.99	35.63
% Protein	Omer Farms	Union	Pioneer 94M80	17.52	37.39

II. Listing of all 30 entries

<u>Name</u>	<u>County</u>	<u>Variety</u>	<u>% Oil</u>	<u>% Protein</u>	
A. Division I (Single-crop)					
1.	Phillip Zoglmann	Daviess	Stine 4782-4	18.47	34.38
2.	Al & Scott Zoglmann	Daviess	Vigoro V44N7RR	18.71	35.51
3.	Drew & Carol Burns	Daviess	Stine 3602-4	19.99	35.63
4.	PPJ Thompson Farms	Daviess	Pioneer 94M80	17.48	35.24
5.	Sparks Brothers Farms	Daviess	NK Brand S44-J5	18.74	34.15
6.	PPJ Thompson Farms	Daviess	Steyer 4481	18.60	34.68
7.	PPJ Thompson Farms	Daviess	Pioneer 94M80	18.54	34.41
8.	Leo Mattingly	Henderson	Great Lakes GL4129RR	18.15	35.69
9.	Larry Parrish	Henderson	NK Brand S44-J5	18.25	35.40
10.	Allen LeGrand	Hopkins	Vigoro V48N7RS	18.90	34.49
11.	Danny Basham	Hopkins	Vigoro V44N7RR	17.96	36.07
12.	Phillip Baird	Union	Vigoro V48N7RS	18.66	33.22
13.	S & S Farms	Union	Beck's 342NRR	18.86	34.50
14.	Gregg Steward	Union	Pioneer 93M42	18.77	35.51
15.	Phillip Baird	Union	Vigoro V48N7RS	18.80	33.35
16.	Richard Leslie	Union	So. Cross Michael	19.28	34.41
17.	Land-O-Nan Farms	Union	Vigoro V48N7RS	19.56	33.72
18.	Matt Mason	Union	Asgrow AG3906	18.53	34.99
19.	Omer Farms	Union	Pioneer 94M80	17.99	37.31
20.	Omer Farms	Union	Pioneer 94M80	17.52	37.39
21.	Omer Farms	Union	Pioneer 94M80	<u>18.82</u>	<u>36.87</u>
			Single-crop Avg.	17.71	35.09
B. Division II (Double-crop)					
1.	H & G Thomas Farms	Henderson	Vigoro V48N7RS	18.03	33.48
2.	Goetz Brothers Farms	Daviess	DynaGro 36Y48	18.21	34.07
3.	Darrell Hagan	Daviess	NK Brand S49-Q9	16.63	35.62
4.	Knott Farms	Daviess	Pioneer 94M80	17.49	36.17
5.	Goetz Brothers Farms	Daviess	DynaGro 36Y48	17.25	35.71
6.	Goetz Brothers Farms	Daviess	DynaGro 36Y48	17.21	34.75
7.	PPJ Thompson Farms	Daviess	NK Brand S49-Q9	16.94	35.47
8.	Waller Brothers	Union	Remington Seed Bean	17.84	34.75
9.	Hancock Brothers	Union	Asgrow AG4703	<u>17.90</u>	<u>35.25</u>
			Double-crop Avg.	17.50	35.03
			Grand Avg. (30 samples)	17.64	35.07

Cooperating Agri-Business Companies and Associations

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PLATINUM LEVEL

Kentucky Soybean Association/Kentucky Soybean Promotion Board

GOLD LEVEL

Bayer Crop Science

DuPont Crop Protection

Farm Credit Services of Mid-America

Pioneer Hi-Bred International

SILVER LEVEL

Agri-Chem

Crop Production Services (Vigoro Brand Seed)

Southern States Coop.

Syngenta Seeds (NK Brand Soybeans)

BRONZE LEVEL

BASF

Crow's Seed Company

Dow AgroSciences

LG Seeds

Miles Farm Supply (Southern Cross Brand Seed)