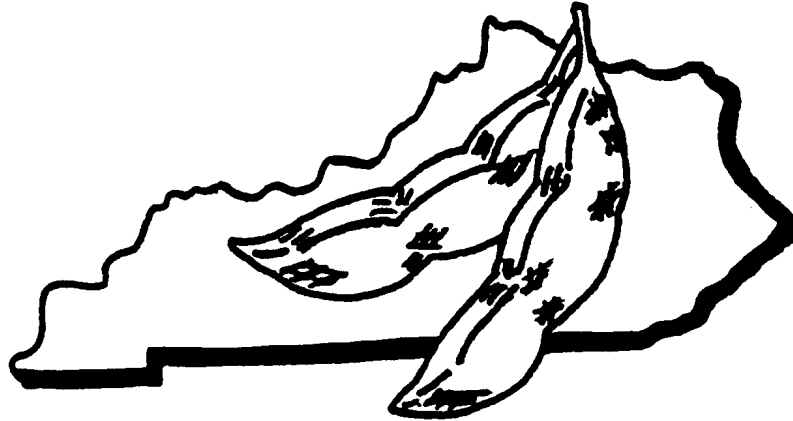


2005

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 6, 2006

2005 Kentucky Soybean Production Contest

Summary of Award Winners

Total entries completed - 43
 Div. I (Single-crop) - 38
 Div. II (Double-crop) - 5
 Kentucky counties represented - 14

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	Tommy & Michael Long	Union	CPS 6491NRR	92.14
1st Place	I	John Kuegel, Jr.	Daviess	So. Cross Michael-RR	85.65
2nd Place	I	PPJ Thompson Farms	Daviess	Garst 4512RR/N	79.83
1st Place	II	Running T Farms	Union	DeKalb DKB46-51	62.26
2nd Place	II	Triple T Farms	Daviess	Asgrow AG4801	60.36

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	Vigoro V42N3RR	74.87
2	I	Castlen Brothers Farms	Daviess	NK Brand S43-B1	79.72
3	I	Basham Farms	Hopkins	CPS 6444NRR	74.05
4	I	Peterson Farms	Marion	Pioneer 93B15	77.88
5	I	Schwenke Brothers	Boone	LG C3655RR	77.16
6	I	Donald Poore	Cumberland	NK Brand S39-Q4	76.31

III. 60+ Bushel Club

	<u>Name</u>	<u>County</u>	<u>Variety</u>	<u>Yield (Bu/A)</u>
A.	Division I - Single-crop			
1.	Tommy & Michael Long	Union	CPS 6491NRR	92.14
2.	John Kuegel, Jr.	Daviess	So. Cross Michael-RR	85.65
3.	PPJ Thompson Farms	Daviess	Garst 4512RR/N	79.83
4.	Castlen Brothers Farms	Daviess	NK Brand S43-B1	79.72
5.	Phillip Zoglmann	Daviess	DeKalb DKB36-52	78.46
6.	Roy Robinson	Union	DeKalb DKB38-52	78.36
7.	Peterson Farms	Marion	Pioneer 93B15	77.88
8.	Schwenke Brothers	Boone	LG C3655RR	77.16
9.	Donald Poore	Cumberland	NK Brand S39-Q4	76.31
10.	Jed Clark	Graves	Vigoro V42N3RR	74.87

11.	Wells Brothers	Union	DeKalb DKB46-51	74.38
12.	Hancock Brothers	Union	CPS 6491NRR	74.10
13.	Billy & Roger Morris	Casey	Pioneer 94B73	74.09
14.	Basham Farms	Hopkins	CPS 6444NRR	74.05
15.	Zoglmann Brothers	Daviess	Vigoro V42N3RR	73.97
16.	Johnathan Ayer	McLean	Great Lakes GL4009RR	73.88
17.	Bill Netherland	Taylor	So. Cross Levi-RR	72.85
18.	Land-O-Nan Farms	Union	Crow's C4815R	72.84
19.	Castlen Brothers Farms	Daviess	NK Brand S43-B1	72.37
20.	John T. Smith	Barren	NK Brand S49-Q9	72.23
21.	Allen LeGrand	Hopkins	Croplan Genet. RC4842	72.13
22.	PPJ Thompson Farms	Daviess	Pioneer 93M90	71.89
23.	PPJ Thompson Farms	Daviess	Pioneer 94M70	70.41
24.	Sparks Farms	Daviess	NK Brand S43-B1	69.55
25.	PPJ Thompson Farms	Daviess	Beck's 405NRR	69.17
26.	Land-O-Nan Farms	Union	Stine S4722-4	68.03
27.	Ray Weir	Hopkins	CPS 6414NRR	67.78
28.	James Sexton & Dalton	Wayne	Asgrow AG4603	66.48
29.	Mark French	Union	TriSoy 4858RR	64.41
30.	Bivens Farms	Larue	NK Brand S42-H1	63.67
31.	Tony McPherson Farms	Daviess	Pioneer 93M90	63.62
32.	Joey Parker	Fulton	DeKalb DKB46-51	63.37
33.	Randahl & Brad Stephen Farms	Daviess	NK Brand S43-B1	62.74
34.	Griffith Farms	Graves	Vigoro V265RR	60.72
35.	Williams Farms	Wayne	Pioneer 94M70	60.59
36.	Noble Howard	Taylor	Pioneer 94B73	60.47
B.	Division II – Double-crop			
1.	Running T Farms	Union	DeKalb DKB46-51	62.26
2.	Triple T Farms	Daviess	Asgrow AG4801	60.36

IV. County Agricultural Agent Awards

<u>Award</u>	<u>Agent</u>	<u>County</u>	Yield (Bu/A) or (# Entries)
1. Agent with State Champion Entry	Rankin Powell	Union	92.14
2. Agent with Top 3 Avg. Yield	Clint Hardy	Daviess	81.73
3. Most Entries Submitted	Clint Hardy	Daviess	(14)
4. Submitted 3 or more entries (and did not receive one of the above awards)	George Kelley Pat Hardesty	Hopkins Taylor	

Summary of Other Entries

	<u>Name</u>	<u>County</u>	<u>Variety</u>	<u>Yield (Bu/A)</u>
A.	Division I - Single-crop			
	Marion Howard	Taylor	So. Cross Michael-RR	58.69
	Pride Farms	Union	Pioneer 94M70	57.56
B.	Division II - Double-crop			
	Peterson Farms	Marion	Pioneer 93B87	58.87
	Goetz Brothers Farms	Daviess	So. Cross Michael-RR	54.96
	Mark French	Union	CPS 6482NRR	47.15

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

Monsanto Co. (Asgrow/DeKalb Brand Seed)

Pioneer Hi-Bred International

Syngenta Crop Protection

SILVER LEVEL

Agri-Chem

Crop Production Services (CPS Brand Seed)

Lawhon Farm Services (Delta King Seed)

Southern States Coop.

BRONZE LEVEL

BASF

Crow's Seed Company

Garst Seeds

LG Seeds

Miles Farm Supply (Southern Cross Brand Seed)

Syngenta Seeds (NK Brand Seed)

Summary of Cultural Practices

The information summarized below is from a questionnaire completed by each of the 43 contestant entries. A no response means the information was not provided by the contestant(s). The number in () represents the 38 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	43	(38)a,b,c,d,e
Saved seed	0	
No response	0	

Germination of seed planted.

90% or more	20	(18)b,c
85-89%	12	(11)a,d,e
80-84%	3	(2)
<80%	0	
No response	8	(7)

Did you inoculate your seed?

Yes	15	(14)a
No	24	(20)b,c,d,e
No response	4	(4)

What tillage system was used?

<u>Div. I (Single-crop):</u>		
Conventional	0	
Minimum-till	15	(14)a,b
No-tillage	23	(22)c
No response	0	
<u>Div. II (Double-crop):</u>		
Conventional	0	
Minimum-till	0	
No-tillage	5	(2)d,e
No response	0	

What row width did you plant?

<u>Div. I (Single-crop):</u>		
Solid (B'cast)	0	
6-10"	6	(6)c
11-15"	31	(29)a,b
16-20"	1	(1)
21-29"	0	
30"	0	
31-40"	0	
No response	0	
<u>Div. II (Double-crop):</u>		
6-10"	1	
11-15"	4	(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	1	(1)
April 20-30	1	(1)
May 1-10	8	(8)a,c
May 11-20	20	(19)b
May 21-31	8	(7)
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	2	(1)d
June 21-30	3	(1)e
July 1+	0	
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	5	(5)c
151,000 - 175,000	20	(19)b
176,000 - 200,000	11	(10)a
201,000 - 225,000	0	
225,000 +	1	(1)
No response	0	
<u>Division II (Double-crop):</u>		
< 125,000	0	
126,000 - 150,000	0	
151,000 - 175,000	3	(2)d,e
176,000 - 200,000	1	
201,000 - 225,000	0	
225,000 +	1	
No response	0	

What rate of P₂O₅ and K₂O were applied?

Lbs/A	P ₂ O ₅	K ₂ O
0	26	(23)b,c,e
1-40	5	(4)a
41-80	8	(8)d
81-120	1	
120 +	0	
Manure applied	2	(2)
No response	1	(1)

Was nitrogen applied?

Yes	10 (8)a
No	30 (27)b,c,d,e
Manure applied	2 (2)
No response or unknown	1 (1)

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

Corn	35 (33)a,b,c
Soybeans	1 (1)
Grain Sorghum	0
Soybeans Double-crop	0
Pasture or Sod (grass)	1 (1)
None (Fallow)	0
No response	1 (1)

Div. II (Double-crop):

Wheat	5 (2)d,e
Barley	0
Canola	0
No response	0

Was a fungicide used?

Yes	11 (10)a,e
No	32 (28)b,c,d
No response	0

Products used:

Folicur	1
Headline	2 (2)
Headline SBR	1 (1)a
Quadris	3 (3)
Quilt	3 (3)e
None listed	1 (1)

Was an insecticide used?

Yes	7 (7)a
No	35 (30)b,c,d,e
No response	1 (1)

Products used:

Karate	1 (1)
Mustang Max	2 (2)a
Warrior	3 (3)
None listed	1 (1)

Four most planted varieties of 30 used.

NK Brand S43-B1	4 (4)
So. Cross Michael-RR	3 (1)
Pioneer 94M70	3 (2)
DeKalb DKB46-51	3 (3)

What type of herbicide application did you use?

Preemergence (PRE)	8 (5)
PRE + Postemergence	24 (23)b,c
Postemergence (POST)	11 (10)a,d,e
None	0
No Response	0

Soybean postemergence weed control cultivation?

Yes	1 (1)
No	42 (37)a,b,c,d,e
No response	0

What herbicides were used?

Boundary + 2,4-D	2 (2)
Valor	1 (1)
Fusion + Cobra	1 (1)
Fusion + Reflex + Basagran	1
Fusion + Reflex + Basagran + Synchrony XP	1 (1)
<u>Glyphosate Products, Pre-mixes and Tank Mixes:</u>	
Buccaneer + Steel (PRE)	1 (1)
ClearOut* + 2,4-D (PRE)	1 (1)
ClearOut* (POST)	1 (1)
Credit Extra (PRE + POST)	1 (1)
Extreme (PRE)	1 (1)
Glyphomax Plus (POST)	1 (1)e
Glyphosate* (PRE)	1 (1)b
Glyphosate* (POST)	2 (2)
Gly-4 Plus (PRE + POST)	1 (1)
Gly Star Plus + 2,4-D (PRE)	1 (1)
Gly Star Plus (POST)	1 (1)
Roundup* (PRE)	5 (3)
Roundup* + 2,4-D (PRE)	1 (1)
Roundup* + Scepter (PRE)	4 (3)
Roundup* (POST)	12 (11)b,d
Roundup* + Aim (POST)	1 (1)a
Roundup* (PRE + POST)	9 (9)c
Touchdown* (PRE)	2 (1)
Touchdown* + 2,4-D + Scepter (PRE)	1 (1)
Touchdown* (POST)	3 (3)

*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