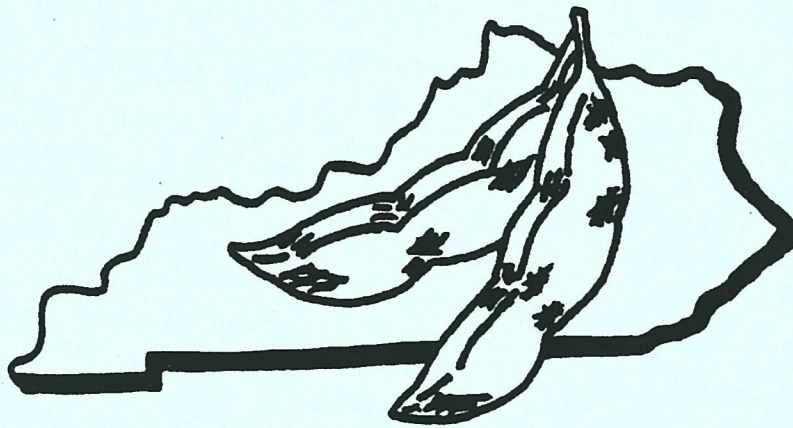


2002

KENTUCKY SOYBEAN PRODUCTION CONTEST

Summary of Awards and Cultural Practices



Sponsored by

**University of Kentucky Cooperative Extension Service
and
Kentucky Soybean Association**

**With
Cooperating Agri-Business Companies**

January 21, 2003

2002 Kentucky Soybean Production Contest

Summary of Award Winners

Total entries completed - 45
 Div. I (Single-crop) - 37
 Div. II (Double-crop) - 8
 Kentucky counties represented - 13
 Soybean varieties or blends - 32

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	Pioneer 93B72	80.20
1st Place	I	Dave Watson	Fleming	Dekalb DKB38-52	77.51
2nd Place	I	Billy & Roger Morris	Casey	So. States RT-4098	74.02
1st Place	II	Fischer Farms	Daviess	So. Cross Michael-RR	67.50
2nd Place	II	Peterson Farms	Marion	Pioneer 93B87	60.55

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 94B73	66.61
2	I	Wells Brothers	Union	Farm Service FS 4426	72.52
3	I	Mose Coblentz	Todd	Crow's C48009RN	65.08
4	I	Kevin Clark	Hardin	NK Brand S38-E9-ST5	62.15
5		"No District Winner"			
6	I	Mike Reynolds	Taylor	Pioneer 94B73	63.50

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	Pioneer 93B72	80.20
2.	Dave Watson	Fleming	DeKalb DKB38-52	77.51
3.	Billy & Roger Morris	Casey	So. States RT-4098	74.02
4.	Wells Brothers	Union	Farm Service FS 4426	72.52
5.	Dave Watson	Fleming	DeKalb DKB40-51	72.42
6.	Castlen Brothers Farms	Daviess	Pioneer 93B67	72.36
7.	Waller Brothers	Union	CPS 6482NRR	70.59
8.	Waller Brothers	Union	CPS 6482NRR	68.23
9.	Glenn Brothers Farms	Daviess	Pioneer 94B23	68.07

60+ Bushel Club (Cont'd)

10.	P.P.J. Thompson Farms	Daviess	Asgrow AG3903	67.83
11.	Waller Brothers	Union	CPS 6482NRR	67.78
12.	P.P.J. Thompson Farms	Daviess	Garst D484RR	67.43
13.	Sprague Brothers Farms	Union	Crow's C3715R	67.12
14.	Monty Parrish	Henderson	Asgrow AG3903	66.71
15.	Jed Clark	Graves	Pioneer 94B73	66.61
16.	Mose Coblentz	Todd	Crow's C48009RN	65.08
17.	Randahl & Joe Stephen Farms	Daviess	NK Brand S42-H1	63.68
18.	Mike Reynolds	Taylor	Pioneer 94B73	63.50
19.	Sprague Brothers Farms	Union	Asgrow AG4403	63.49
20.	James Sexton & Cooley	Wayne	Asgrow AG3902	62.64
21.	Ray Weir	Hopkins	CPS 6482NRR	62.41
22.	Kevin Clark	Hardin	NK Brand S38-E9-STS	62.15
23.	Paul Austin	Hopkins	Asgrow AG3903	60.73
24.	Murray Mason	Union	CPS 6372NRR	60.47
25.	Brown's Ramsey Creek Farm	Union	CPS 6482NRR	60.35
26.	P.P.J. Thompson Farms	Daviess	Garst 4512RR	60.23

B. Division II - Double-crop

1.	Fischer Farms	Daviess	So. Cross Michael-RR	67.50
2.	Peterson Farms	Marion	Pioneer 93B87	60.55
3.	P.P.J. Thompson Farms	Daviess	Asgrow AG4702	60.39

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	80.20
2. Agent with Top 3 Avg. Yield	Rankin Powell	Union	70.45
3. Most Entries Submitted	Rankin Powell	Union	(13)

Summary of Cultural Practices

The information summarized below is from a questionnaire completed by each of the 45 contestant entries. A no response means the information was not provided by the contestant(s). The number in () represents the 29 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).

Did you plant certified seed?

Yes	44	(29)a,b,c,d,e
No	1	
No response	0	

Germination of seed planted.

90% or more	27	(17)a,b,c,e
85-89%	11	(9)d
80-84%	0	
<80%	0	
No response	7	(3)

Did you inoculate your seed?

Yes	19	(13)a,b,c,e
No	25	(15)d
No response	1	(1)

What tillage system was used?

<u>Div. I (Single-crop):</u>		
Conventional	0	
Minimum-till	12	(9)a,b
No-tillage	25	(17)c
No response	0	
<u>Div. II (Double-crop):</u>		
Conventional	0	
Minimum-till	0	
No-tillage	8	(3)d,e
No response	0	

What was your planting date?

<u>Div. I (Single-crop):</u>		
Late April	1	(1)
May 1-10	3	(1)
May 11-20	5	(3)
May 21-31	15	(10)a,b,c
June 1-10	10	(9)
June 11-20	2	(1)
June 21 +	0	
No response	1	(1)
<u>Div. II (Double-crop):</u>		
June 1-10	0	
June 11-20	5	
June 21-30	3	(3)d,e
July 1+	0	

What row width did you plant?

<u>Div. I (Single-crop):</u>		
Solid	0	
6-10"	6	(5)b
11-15"	27	(19)a
16-20"	1	(1)c
21-29"	0	
30"	3	(1)
31-40"	0	
No response	0	
<u>Div. II (Double-crop):</u>		
6-10"	4	(2)e
11-15"	4	(1)d
16-20"	0	
30"	0	

What was your planting rate?

<u>Pounds/acre:</u>		
< 50 lbs.	0	
50-60 lbs.	8	(6)
61-70 lbs.	6	(3)b,c
71-80 lbs.	2	(1)
81-90 lbs.	0	
90 + lbs.	0	
No response	1	(1)
<u>Seeds/acre:</u>		
< 125,000	0	
126,000 - 150,000	1	
151,000 - 175,000	13	(9)a,d
176,000 - 200,000	11	(8)
200,000+	3	(1)e

What rate of P₂O₅ and K₂O were applied?

<u>Lbs/A</u>	<u>P₂O₅</u>	<u>K₂O</u>
0	24 (16)a,d	24 (16)a,d
1-40	1 (1)	1 (1)
41-80	17 (10)b,c	8 (6)c
81-120	2 (2)e	11 (6)b,e
120 +	1	1
No response	0	0

Was nitrogen applied?

Yes	14	(8)b,c
No	31	(21)a,d,e
No response or unknown	0	

What was your previous crop?

<u>Div. I (Single-crop):</u>		
Corn	33	(22)a,b,c
Soybeans	3	(3)
Grain Sorghum	0	
Small Grains	0	
Wheat/Soybeans Double-crop	0	
Barley/Soybeans Double-crop	0	
Pasture or Sod	1	(1)
Corn/Wheat Cover crop	0	
No response	0	
<u>Div. II (Double-crop):</u>		
Wheat	7	(3)d,e
Barley	0	
Canola	0	
No response	1	

What type of herbicide application did you use?

Preplant-incorp. (PPI)	0	
Preemergence (PRE)	1	
PPI + PRE	0	
PPI + Postemergence	1	(1)
PRE + Postemergence	28	(19)e
PPI + PRE + POST	0	
Postemergence (POST)	15	(9)a,b,c,d
None	0	
No Response	0	

Did you use some form of cultivation for weed control?

Yes	0	
No	45	(29)a,b,c,d,e
No response	0	

Three most commonly used varieties.

CPS 6482NRR	6	(5)
Pioneer 94B73	4	(2)
Asgrow AG3903	3	(3)

What herbicides were used?

Basagran + Fusion + Reflex	1	(1)e
Canopy	1	
Canopy + Domain	2	(1)
Command	1	(1)
Extreme (PRE)	2	(2)
Extreme (POST)	1	(1)
Extreme + Touchdown (PRE)	1	(1)
Extreme + Touchdown (POST)	1	(1)
Flexstar + Fusion	1	(1)
Flexstar + Fusion + Butoxone	1	
Fusion + Reflex + Butyrac	1	(1)
Roundup* (PRE)	19	(13)
Roundup* (POST)	31	(21)b,c,d
Roundup + 2,4-D (PRE)	2	
Roundup + Extreme (POST)	2	
Select + Synchrony STS	2	(1)
Squadron	1	(1)
Touchdown (PRE)	1	(1)e
Touchdown (POST)	3	(2)a
Touchdown + Canopy	1	(1)
Touchdown + Valor	1	(1)
Valor	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 Entries

<u>Name</u>	<u>County</u>	<u>Variety</u>	<u>Yield (Bu/A)</u>
A. Division I - Single-crop			
Bucky Walters	Daviess	So. Cross Titus-RR	48.12
Larry Parrish	Henderson	NK Brand S46-G2	59.21
David Walker	Union	Asgrow AG3701	58.99
Sprague Brothers Farms	Union	Crow's C48009RN	58.55
Tommy Rudd, Jr.	Union	Crow's C4416R	56.75
Allen LeGrand	Hopkins	CPS 6482NRR	56.55
Sam Coblantz	Todd	Crow's C5118R	48.64
Kevin Clark	Hardin	Garst 363-STS	56.89
J.W. Miller	Hardin	Pioneer 94B73	52.83
Paul Howlett	Hardin	So. Cross Titus-RR	50.71
Billy Keeton & James Sexton	Wayne	Asgrow AG3902	46.19
B. Division II - Double-crop			
Brown's Ramsey Creek Farm	Union	Pioneer 94B73	59.83
Runnin T Farms	Union	DeKalb DKB450	52.01
Miller Brothers	Todd	Gold. Harv. H-4850RR	58.24
Franks Sunrise Farms	Todd	Pioneer 94B53	51.29
John Martin	Todd	Garst 5512RR	49.05

Cooperating Agri-Business Companies and Associations

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Kentucky Soybean Association

GOLD LEVEL

Monsanto Company

Pioneer a DuPont Company

Syngenta Crop Protection

SILVER LEVEL

Agri-Chem

Thorp Seed Co. (Golden Harvest)

BRONZE LEVEL

Caverndale Farms

FMC Corp.

Garst Seeds

Miles Farm Supply

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