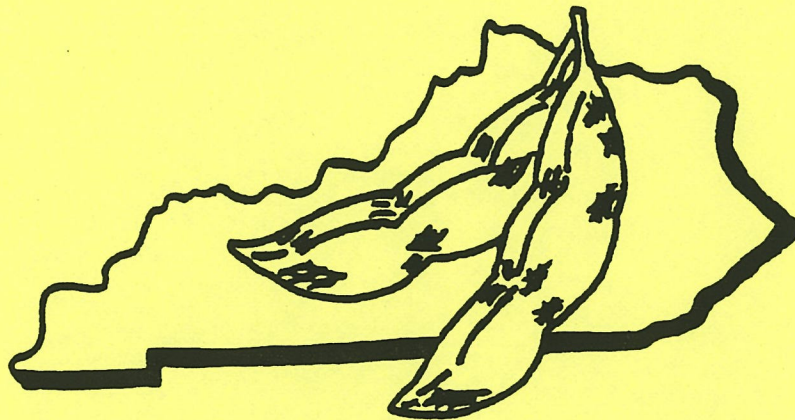


2001

KENTUCKY SOYBEAN PRODUCTION CONTEST

Summary of Awards and Cultural Practices



Sponsored by

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

**With
Cooperating Agri-Business Companies**

January 22, 2002

2001 Kentucky Soybean Production Contest

Summary of Award Winners

No. of entries completed - 24
 Kentucky counties represented - 10
 Soybean varieties or blends - 20

I. State Winners

<u>Award</u>	<u>Name</u>	<u>County</u>	<u>Variety</u>	<u>Yield (Bu/A)</u>
Champion	Schwenke Brothers	Boone	DeKalb DKB38-51	87.97
2nd Place	Billy & Roger Morris	Casey	So. States RT-4098	79.68
3rd Place	Burns Farms	Daviess	Stine 3800-4	74.25

II. District Winners

<u>District</u>	<u>Name</u>	<u>County</u>	<u>Variety</u>	<u>Yield (Bu/A)</u>
1	"No Entries Received"			
2	Sunny View Farm	Daviess	Pioneer 93B01	68.66
3	Ray Weir	Hopkins	Pioneer 94B01	57.66
4	George Pickerell	Larue	Pioneer 93B84	63.88
5	"No Award Entries"			
6	K & K Farms	Wayne	DeKalb CX433RR	70.30

III. 60+ Bushel Club

	<u>Name</u>	<u>County</u>	<u>Variety</u>	<u>Yield (Bu/A)</u>
1.	Schwenke Brothers	Boone	DeKalb DKB38-51	87.97
2.	Billy & Roger Morris	Casey	So. States RT-4098	79.68
3.	Burns Farms	Daviess	Stine 3800-4	74.25
4.	K & K Farms	Wayne	DeKalb CX433RR	70.30
5.	Dave Watson	Fleming	DeKalb DKB38-51	69.34
6.	Sunny View Farm	Daviess	Pioneer 93B01	68.66
7.	Zoglmann Brothers	Daviess	Asgrow AG3701	68.14
8.	Land O'Nan Farms	Union	Golden Harvest 1383	67.86
9.	Hancock Brothers	Union	NK Brand S42-H1	67.28
10.	Dave Watson	Fleming	Asgrow AG4403	66.11
11.	P.P.J. Thompson Farms	Daviess	Garst 484RR	65.39
12.	Walters Farms	Daviess	So. Cross Titus-RR	64.17
13.	George Pickerell	Larue	Pioneer 93B84	63.88
14.	John Kuegel, Jr.	Daviess	So. Cross Titus-RR	63.09

60+ Bushel Club (Cont'd)

15.	Forest Dunagan	Wayne	So. States FFR-439	61.46
16.	Kenny Choate	Hart	Garst 484RR	61.44
17.	Ed White	Union	Asgrow AG4903	60.45

IV. Agriculture Agent with Top 3 Entries

Wayne Mattingly - Daviess County - 70.35 Bu/A

Summary of Cultural Practices

The information summarized below is from a questionnaire completed by each contestant. An indication of no response means the contestant provided no information. The number in () represents the 17 entries that yielded over 60 bushels per acre and a,b,c represent practices of the State Champion, 2nd place, and 3rd place, respectively.

Did you plant certified seed?

Yes	21 (15)a,b,c
No	2 (1)
No response	1 (1)

What year was your soil last tested?

1997-1998	1 (1)
1999	6 (5)b
2000	6 (3)
2001	3 (2)a
No response or unknown	8 (6)c

Germination of seed planted.

90% or more	12 (9)a,b
85-89%	2 (1)
80-84%	1 (1)
<80%	0
No response	9 (6)c

What was the pH of the soil?

Less than 5.5	0
5.5 - 6.0	1 (1)
6.1 - 6.5	7 (6)
6.6 +	8 (4)a,b
No response or unknown	8 (6)c

Did you inoculate your seed?

Yes	14 (10)b,c
No	6 (5)
No response	4 (2)a

What rate of P₂O₅ and K₂O were applied?

<u>Lbs/A</u>	<u>P₂O₅</u>	<u>K₂O</u>
0	11 (7)	10 (7)
1-40	4 (3)c	2 (1)
41-80	9 (7)a,b	5 (3)a
81-120	0	7 (6)b,c
120 +	0	0
No response	0	0

What was your planting date?

Late April	6 (6)c
May 1-10	11 (8)a,b
May 11-20	5 (2)
May 21-31	0
June 1-10	2 (1)
June 11-20	0
June 21 +	0
No response	0

Was nitrogen applied?

Yes	10 (8)a,b,c
No	14 (9)
No response or unknown	0

What row width did you plant?

Solid	0
6-10"	8 (5)
11-15"	11 (8)a,c
16-20"	2 (1)b
21-29"	0
30"	2 (2)
31-40"	1 (1)
No response	0

What was your previous crop?

Corn	21 (15)b,c
Soybeans	1 (1)
Grain Sorghum	0
Wheat	1 (1)a
Corn/Wheat Double-crop	0
Corn/Barley Double-crop	0
Forage (Hay)	1
Corn/Wheat Cover crop	0
No response	0

What was your planting rate?

< 50 lbs.	1 (1)
50-60 lbs.	12 (8)a,c
61-70 lbs.	6 (4)
71-80 lbs.	5 (4)b
81-90 lbs.	0
90 + lbs.	0
No response	0

What tillage system was used?

Conventional	2 (2)a
Minimum-till	10 (7)c
No-tillage	12 (8)b
No response	0

What type of herbicide application did you use?

Preplant-incorp. (PPI)	0
Preemergence (PRE)	0
PPI + PRE	0
PPI + Postemergence	0
PRE + Postemergence	16 (10)c
PPI + PRE + POST	0
Postemergence (POE)	8 (7)a,b
None	0
No Response	0

What herbicides were used?

Assure II + Reflex	1 (1)
Extreme	2 (1)
Gramoxone + Canopy XL	1
Prowl	3 (2)
Pursuit	2 (1)
Raptor	1
Roundup* (PRE)	10 (7)c
Roundup* (POE)	19 (14)a,b,c
Select + Ultra Blazer	1 (1)

Did you use some form of cultivation for weed control?

Yes	2 (2)c
No	22 (15)a,b
No response	0

*Various formulations used.

What were the main factors responsible for high yields?

Good weed control	2 (1)b
High fertility level	0
Good productive soil	4 (4)a
Good variety	2 (2)
Good stand	0
Good management	2 (2)
Narrow rows	0
Good weather	6 (6)a,b
Early planting	1 (1)
Crop rotation	0
Irrigation	0
No disease	0
No response	14 (8)c

What were the limiting factors that prevented you from having a higher yield?

Dry weather	6 (4)
Too much rain	0
Late harvest or loss	0
Disease	1
Poor weed control	0
Fertility	0
Poor Stand	1 (1)
Late planting	0
Lodging	0
No response	17 (13)a,b,c

Four most commonly used varieties.

DeKalb DKB38-51	2 (2)
Garst 484RR	2 (2)
NK Brand S42-H1	2 (1)
So. Cross Titus-RR	2 (2)

Summary of Other Entries

<u>Name</u>	<u>County</u>	<u>Variety</u>	<u>Yield (Bu/A)</u>
Randahl & Joe Stephen	Daviess	Callahan 9454STS	57.63
Land O'Nan Farms	Union	NK Brand S42-H1	46.41
J. David Miller	Hardin	Asgrow AG4702	46.32
Dave Watson	Fleming	Asgrow AG4301	54.40
Williams Farms	Wayne	So. States RT-3975	47.39
Sexton Farms & Lloyd Burnett	Wayne	DeKalb CX414cRR	29.67

Cooperating Agri-Business Companies and Associations

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Kentucky Soybean Assoc.

BASF

LG Seeds

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Monsanto Co.

Delta King Seed Co.

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Delta & Pine Land Co.

Pioneer a DuPont Company

FMC Corp.

Southern States Coop.

Garst Seeds

Syngenta Crop Protection

Kentucky Seed Improvement Assoc.

Syngenta Seeds Inc.