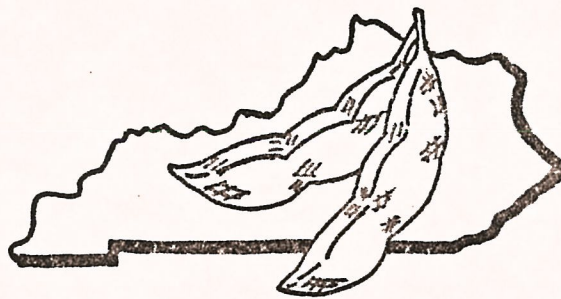


1983

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-CHEMICAL COMPANIES

January 17, 1984

1983 Kentucky Soybean Production Contest

Summary of Award Winners

No. of entries completed - 41
 Kentucky counties represented - 9
 Soybean varieties or blends - 16

I. State Winners

<u>Award</u>	<u>Name</u>	<u>County</u>	<u>Variety</u>	<u>Yield (Bu/A)</u>
Champion	Fall Creek Farm & Cooley	Wayne	Essex	56.13
2nd Place	Jerry White	Union	Essex	54.46
3rd Place	Donald Fischer	Daviess	Essex	54.32

II. District Winners

<u>District</u>	<u>Name</u>	<u>County</u>	<u>Variety</u>	<u>Yield (Bu/A)</u>	<u>No. of Entries in District</u>
1	James M. Deweese	Hickman	Essex	46.20	7
2	Jerry White	Union	Essex	54.46	22
3	Bobby J. Hendricks	Muhlenberg	J-130	35.61	1
4	Jeff Cave	Hardin	J-140	35.51	1
5	Stephen C. Bailey	Mercer	Union	38.99	1
6	Fall Creek Farm & Cooley	Wayne	Essex	56.13	9

III. 60 Bushel Club

"No Entries Qualified for the 60 Bushel Club in 1983"

IV. Agriculture Agent with Top 3 Entries

Mike Radford - Wayne County - 53.89 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.

Contestants

Did you plant certified seed?

Yes	33
No	8
No response	0

Germination of seed planted.

90% or more	13
85-89%	21
80-84%	0
No response	7

Did you inoculate your seed?

Yes	24
No	14
No response	3

What was your planting date?

Late April	0
May 1-10	0
May 11-20	0
May 21-31	10
June 1-10	16
June 11-20	8
June 21+	7

What row width did you plant?

6-10"	7
11-15"	2
16-20"	7
21-27"	0
28-32"	22
36-40"	3

What was your planting rate?

Less than 50 lbs.	12
50-60 lbs.	4
61-70 lbs.	4
71-80 lbs.	5
81-90 lbs.	1
90+ lbs.	3
No response	12

What was your plant population at harvest?

2-3 plants per ft.	1
4-6 plants per ft.	11
7-9 plants per ft.	11
10-12 plants per ft.	3
No response	15

What year was your soil last tested?

1978-1979	1
1980-1981	10
1982	10
1983	4
No response or unknown	16

What was the pH of the soil?

Less than 5.5	0
5.5 - 6.0	0
6.1 - 6.5	15
6.6 +	7
No response or unknown	19

Was fertilizer applied this year?

Yes	11
No	16
No response or unknown	14

Was nitrogen applied?

Yes (less than 30 lbs/ac)	3
No	26
No response or unknown	12

Was lime applied during last 3 years?

Yes	6
No	13
No response	22

What tillage system was used?

Conventional	29
Minimum-till	8
No-tillage	4

What type of herbicide application did you use?

Preplant-incorp. (PPI)	10
Preemergence (PRE)	7
PPI + PRE	2
PPI + Postemergence	16
PRE + Postemergence	3
PPI + PRE + POST	3

Did you use some form of cultivation for weed control?

Yes	18
No	19
No response	4

Did you use an insecticide?

Yes	3
No	38
No response	0

What was your previous crop?

Corn	24
Soybeans	12
Wheat	1
Pasture	1
Tobacco	1
Wheat/Soybeans	2

What were the main factors responsible for high yields?

Good weed control	7
High fertility level	5
Good productive soil	7
Good variety	8
Good stand	1
Early planting	1
No response	9

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

Poor weather (too little rain)	32
Poor weed control	1
Late planting	2
Poor stand or too thick	1
Late harvest	0
Disease	2
Early frost	1
No response	9

What herbicides were used?

Basalin	4
Treflan	12
Treflan + Lexone	4
Treflan + Sencor	3
Treflan + Dyanap	2
Dual + Lorox	1
Dual + Lexone	2
Dual + CIPC + Modown	1
Lasso	5
Lasso + Lorox	2
Lasso + Sencor	1
Lasso + Lexone	2
Lorox + 2,4-D	1
Surflan + 2,4-D	1
Basagran	6
Blazer	4
Butyrac	1
Basagran + Blazer	1
Basagran + Butyrac	1
Blazer + Butyrac	2
Basagran + Blazer + Butyrac	3
Poast	1
Fusilade	2
Bronco + Lorox	1
Paraquat + Dual + Lorox	1

Five most commonly used varieties.

Essex	13
Union	7
Mitchell 450	4
Mitchell	3
Ring Around RA 481	3

Summary of Other Entries

<u>Name</u>	<u>County</u>	<u>Variety</u>	<u>Yield (Bu/A)</u>
S. J. Walker	Hickman	Mitchell 450	32.87
Sherman Walker	Hickman	Mitchell 450	39.11
Bobby J. Wilson	Hickman	Elf	40.68
Bobby J. Wilson	Hickman	Pixie	42.40
Tony Workman	Hickman	Forrest	41.75
Workman & Workman	Hickman	Union	42.64
Milligan Farms	Ohio	Essex	38.48
David Alexander - Double A Farms	Henderson	Mitchell	46.25
Robert Moorman	Daviess	Mitchell 450	29.23
Robert Moorman	Daviess	RA 402	31.08
Jimmy and Scott Keugel	Daviess	Union	32.01
Jimmy and Scott Keugel	Daviess	Lawrence	45.79
Joe and Randall Stephen	Daviess	RA 481	43.11
Joe and Randall Stephen	Daviess	Mitchell	53.32
Charles R. Hamilton	Daviess	Union	44.57
Ben O'Bryan & David Warren	Daviess	Essex	49.24
Charles O'Nan	Union	Essex	33.91
Shiloh Farms - Henshaw Brothers	Union	Williams 79	42.38
Shiloh Farms - Henshaw Brothers	Union	Mitchell	46.94
Shiloh Farms - Henshaw Brothers	Union	Pioneer 5482	47.26
Gene Shouse	Union	Union	43.23
Johnny Royster	Union	RA 481	45.74
John Shouse	Union	RA 480	47.29
Bobby Shouse	Union	Union	51.02
Charles D. Omer	Union	RA 481	53.24
Joe Sprague	Union	Essex	53.49
K & K Farms	Wayne	Essex	34.17
Lafayette Shelton	Wayne	Essex	41.97
Orman Burton	Wayne	Union	45.68
Williams Brothers	Wayne	Mitchell 450	48.69
McKinley & Sexton and C. Blevins	Wayne	Essex	50.35
Fall Creek Farm & Burton	Wayne	Pioneer 3981	43.75
Fall Creek Farm & Carlie	Wayne	Essex	48.99
Fall Creek Farm & Gregory	Wayne	Essex	55.20

Cooperating Agri-Chemical Companies

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