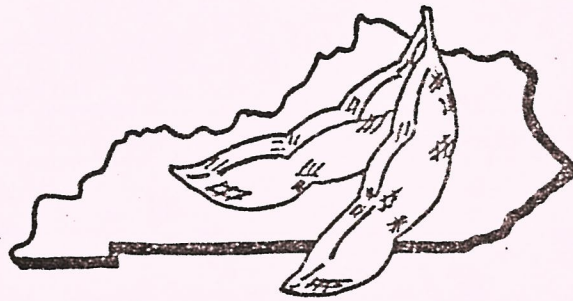


1988

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 24, 1989

1988 Kentucky Soybean Production Contest

Summary of Award Winners

No. of entries completed - 107
 Kentucky counties represented - 23
 Soybean varieties or blends - 36

I. State Winners

<u>Award</u>	<u>Name</u>	<u>County</u>	<u>Variety</u>	<u>Yield (Bu/A)</u>
Champion	Schwenke Brothers	Boone	Mitchell	72.11
2nd Place	John & Robert Mills	Graves	FFR-561	69.81
3rd Place	Ben Dyer	Union	Pixie + A4595	66.16

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	Klint & Steve Kelley	Carlisle	FFR-561 + A5149	52.50	6
2	Ben O'Bryan	Daviess	Asgrow 4595	61.87	64
3	Paul Austin	Hopkins	N.-King S-59-19	46.16	3
4	Gary Spinks	Warren	Essex	64.18	17
5	Randy Godman	Boone	Mitchell	62.60	7
6	Orman Burton	Wayne	Essex	59.53	10

III. 60 Bushel Club

	<u>Name</u>	<u>County</u>	<u>Variety</u>	<u>Yield (Bu/A)</u>
1.	Schwenke Brothers	Boone	Mitchell	72.11
2.	John & Robert Mills	Graves	FFR-561	69.81
3.	Ben Dyer	Union	Pixie + A4595	66.16
4.	Gary Spinks	Warren	Essex	64.18
5.	Randy Godman	Boone	Mitchell	62.60
6.	Ben O'Bryan	Daviess	Asgrow 4595	61.87
7.	Jerry White	Union	Asgrow 4595	61.71
8.	Tony McCarty	Daviess	Asgrow 4595	61.69
9.	Joe Neal Balance	Warren	Asgrow 5149	61.01
10.	Wells Brothers	Union	Asgrow 4595	61.01
11.	Ray Wells	Union	Asgrow 4595	60.88
12.	Paul T. Greenwell	Union	Asgrow 4595	60.83
13.	Jerry White	Union	J.W. Special	60.65
14.	Willard Farmer	Marion	Asgrow 4906	60.60
15.	Pat Thompson	Daviess	Asgrow 4595	60.53

IV. Agriculture Agent with Top 3 Entries

Gene Brown - Union County - 62.96 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 15 entries that yielded over 60 bushels per acre.

Did you plant certified seed?

Yes	94	(13)
No	12	(2)
No response	1	

What year was your soil last tested?

1984-1985	8	(2)
1986	19	(3)
1987	49	(5)
1988	20	(4)
No response or unknown	11	(1)

Germination of seed planted.

90% or more	25	(4)
85-89%	51	(9)
80-84%	9	
No response	22	(2)

What was the pH of the soil?

Less than 5.5	1	
5.5 - 6.0	4	
6.1 - 6.5	49	(9)
6.6 +	31	(4)
No response or unknown	22	(2)

Did you inoculate your seed?

Yes	57	(8)
No	46	(7)
No response	4	

What rate of P₂O₅ and K₂O were applied?

Lbs/A	P ₂ O ₅	K ₂ O
0	47 (6)	49 (7)
1-40	16 (3)	5 (1)
41-80	30 (3)	24 (2)
81-120	8	22 (3)
120 +	4 (3)	5 (2)
No response	2	2

What was your planting date?

Late April	13	(5)
May 1-10	27	(4)
May 11-20	41	(4)
May 21-31	18	(1)
June 1-10	5	(1)
June 11-20	1	
June 21 +	0	
No response	2	

Was nitrogen applied?

Yes	29	(5)
No	76	(10)
No response or unknown	1	

What row width did you plant?

< 6"	0	
6-10"	26	(2)
11-15"	17	(2)
16-20"	9	(1)
21-29"	5	
30"	38	(6)
31-40"	11	(4)
No response	1	

What was your previous crop?

Corn	85	(14)
Soybeans	12	
Grain Sorghum	1	
Small Grains	2	
Forage or Sod	2	(1)
Tobacco	1	
None (idle)	3	
No response	1	

What was your planting rate?

Less than 50 lbs.	24	(6)
50-60 lbs.	54	(5)
61-70 lbs.	5	(3)
71-80 lbs.	13	(1)
81-90 lbs.	7	
90 + lbs.	0	
No response	4	

What tillage system was used?

Conventional	41	(10)
Minimum-till	58	(5)
No-tillage	7	
No response	1	

What type of herbicide application did you use?

Preplant-incorp. (PPI)	45	(6)
Preemergence (PRE)	7	(1)
PPI + PRE	6	
PPI + Postemergence	25	(5)
PRE + Postemergence	20	(2)
PPI + PRE + POST	2	(1)
Postemergence	1	
No response	1	

Did you use some form of cultivation for weed control?

Yes	39	(9)
No	59	(5)
No response	9	(1)

What were the main factors responsible for high yields?

Good weed control	8	(3)
High fertility level	7	(2)
Good productive soil	13	(4)
Good variety	11	(1)
Good stand	17	(4)
Good management	12	(1)
Narrow rows	2	
Good weather	11	(4)
Early planting	2	
Crop rotation	2	(1)
Manure	1	
Irrigation	1	(1)
No response	52	(5)

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

Poor weather	61	(7)
Plant damage	1	(1)
Disease	3	
Late harvest or loss	1	
Poor weed control	3	
Fertility	1	
Lodging	2	(1)
Variety	1	
No response	45	(8)

Five most commonly used varieties.

Asgrow 4595	27	(8)
FFR-561	12	(1)
Fayette	12	
Essex	10	(1)
Asgrow 5149	5	(1)

What herbicides were used?

Treflan	22	(4)
Treflan + Scepter	6	
Treflan + Salute	1	
Treflan + Canopy	2	(1)
Treflan + Tri-Scept	1	
Tri-Scept	9	(1)
Salute	2	
Sonalan + Canopy	1	
Commence	3	(2)
Commence + Canopy	1	(1)
Command + Canopy	3	
Prowl + Canopy	1	
Prowl + Scepter	1	
Prowl + Squadron	2	
Squadron	9	(1)
Dual	7	(1)
Dual + Canopy	4	
Dual + Scepter	8	(2)
Lasso	2	
Lasso + Lorox.	4	
Lasso + Scepter	2	
Lasso + Canopy	1	
Judge	2	(1)
Lexone	3	
Scepter	6	
Canopy	2	
Assure	2	(1)
Basagran	2	(1)
Classic	3	
Fusilade	13	(3)
Poast	1	
Storm	2	(1)
Assure + Classic	1	
Assure + Poast	1	
Basagran + Blazer	4	
Basagran + Fusilade	2	
Basagran + Reflex	2	
Blazer + Fusilade	2	
Blazer + Poast	1	
Blazer + Roundup (wiped)	1	
Classic + Fusilade	1	
Cobra + Fusilade	2	(1)
Rescue + Fusilade	1	
Rescue + Poast	1	
Storm + Poast	1	
Scepter + Butyrac	1	
Basagran + Blazer + Fusilade	1	(1)
Roundup (wiped)	2	
Gramoxone + Dual	1	
Gramoxone + Dual + Lorox	1	
Roundup + Dual + Scepter	2	
Roundup + Commence + Canopy	1	

Summary of Other Entries

<u>Name</u>	<u>County</u>	<u>Variety</u>	<u>Yield (Bu/A)</u>
Philip & Wayne E. Bean	Carlisle	Coker 425	50.17
Roger Hobbs	Carlisle	So. States FFR-561	43.03
Davie Stephens	Hickman	Essex	48.72
Wayne Morrow	Fulton	Coker 425	42.22
Miles Farms	Ohio	Fayette	56.16, 50.79
Luttrell Farms	Ohio	Fayette	51.34
Luttrell Farms	Ohio	Union	49.64
Luttrell Farms	Ohio	Lawrence	48.11
Milligan Farms	Ohio	Asgrow 4595	42.35, 39.86
Nall Farms	McLean	Asgrow 4595	58.82
Bobby Ayer	McLean	Fayette	50.74
Bobby Ayer	McLean	Asgrow 4595	48.64
Guy & Tom Howard	McLean	Fayette	48.76
Caraway Brothers	McLean	Asgrow 4595	48.17, 45.71
Jerrold W. Howard	McLean	FFR-561 + A4595	27.15
Fisher Farms	Daviess	Fayette	59.45
Dan Thompson	Daviess	Asgrow 4595	58.61
Scott Kuegel	Daviess	Fayette	56.85
Flat Lick Farms	Daviess	Fayette	53.86
Bernard Thomas	Daviess	Asgrow 4595	56.54
Ben O'Bryan	Daviess	Asgrow 4595	55.06
Jeff & Nick Koller	Daviess	Lawrence	54.40
Jeff & Nick Koller	Daviess	Fayette	47.62
Kamuf Brothers	Daviess	J.M. Schultz 4982	51.28
John Burns	Daviess	Pennyrile	51.21
Larry Krampe	Daviess	Asgrow 5494	49.92
Burns Farms	Daviess	Pennyrile	49.14
Ralph Boswell & Sons	Daviess	Essex	49.05
Pat & Charles Fulkerson	Daviess	Callahan 7390	48.36
Pat & Charles Fulkerson	Daviess	Callahan 7510N	41.07
Pat & Charles Fulkerson	Daviess	Fayette	38.48
Castlen Brothers	Daviess	Fayette	44.99
Larry & Mike Hayden	Daviess	Fayette	43.81
Eddie Steward	Union	Asgrow 4595	58.91
Sprague Brothers	Union	DeKalb-Pfizer CX366	58.27
Sprague Brothers	Union	Coker 425 + A4595	55.66
Sprague Brothers	Union	DeKalb-Pfizer CX415	53.35
Sprague Brothers	Union	Asgrow 4906	49.84
Gilbert Rudd	Union	Asgrow 4595	58.11
Joe Sprague	Union	DeKalb-Pfizer CX366	57.25
Johnny Royster	Union	Coker 425	56.29
Charles O'Nan	Union	Pixie + Asgrow 4595	54.59
Charles O'Nan	Union	Asgrow 4595	48.45, 47.73
Donnie Greenwell	Union	Essex	51.44
Bill & Jerry Thomas	Union	Asgrow 4595	51.41
Bill & Jerry Thomas	Union	Seedex 420A	43.60
W.E. White & Gilchrist	Union	Asgrow 4595	50.84
Tom Hardesty	Union	So. States FFR-561	49.45
Scott Henshaw	Union	Callahan 8464	48.83
Gerald Day	Union	Pioneer Brand 9531	46.93
Randy Greenwell	Union	So. States FFR-561	46.14
Mary K. Pickett	Union	So. States FFR-561	45.28

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<u>Name</u>	<u>County</u>	<u>Variety</u>	<u>Yield (Bu/A)</u>
Waller Brothers	Union	Coker 452	43.41, 38.57
Paul Henshaw	Union	Mitchell	36.23
Paul Austin	Hopkins	Asgrow 5474	45.68
Steve Stanley	Hopkins	Pioneer Brand 9442	45.09
James A. Spinks	Warren	So. States FFR-561	57.54
Jerry Hudnall	Warren	Mitchell 450	49.89
Daniel Adams	Warren	Asgrow 5149	48.42
Mike Sharp	Warren	So. States FFR-561	44.85
Willard Farmer	Marion	Asgrow 5149	58.71
Marion Payne	Marion	Asgrow 5149	58.48
J. W. Miller	Hardin	DeKalb-Pfizer CX415	59.93
J. W. Miller	Hardin	So. States SS-443	54.11
Donald Summers	Hardin	Jacques J-130	53.52
David Miller	Hardin	Bailey 469	45.95
David Peterson	Nelson	Douglas	55.00
Romea Kummer	Simpson	So. States FFR-561	54.45
Lonnie Epley	Logan	So. States SS-391	50.32
Dewayne Sharp	Logan	Stafford	44.54
Jimmy Williams	Lincoln	So. States FFR-561	58.76
Kevin Smith	Franklin	Jacques J-130	55.22
Keith Haley	Bullitt	Bailey 469	41.62
Bill Harned	Bullitt	Asgrow 4595	41.28
Wayne Friedly	Scott	So. States SS-443	40.74
McKinley, Sexton & Blevins	Wayne	Essex	56.48
McKinley, Sexton & Roberts	Wayne	Essex	54.66
Merrell Dolen & McCutchen	Wayne	Essex	53.48
McKinley, Sexton & Fallahzadeh	Wayne	Essex	52.41
Fall Creek Farms	Wayne	So. States FFR-561	49.61
Fall Creek Farms & Gregory	Wayne	Pennyrile	46.56
Keith Parmley & Rankin Turner	Wayne	Essex	46.18
D.A. & Dave Watson	Fleming	So. States SS-391	49.67
Bill Netherland	Taylor	Douglas	39.86

Cooperating Agri-Business Companies

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DuPont	Southern States Coop.
Elanco	The New Northrup King
FMC	Uniroyal
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