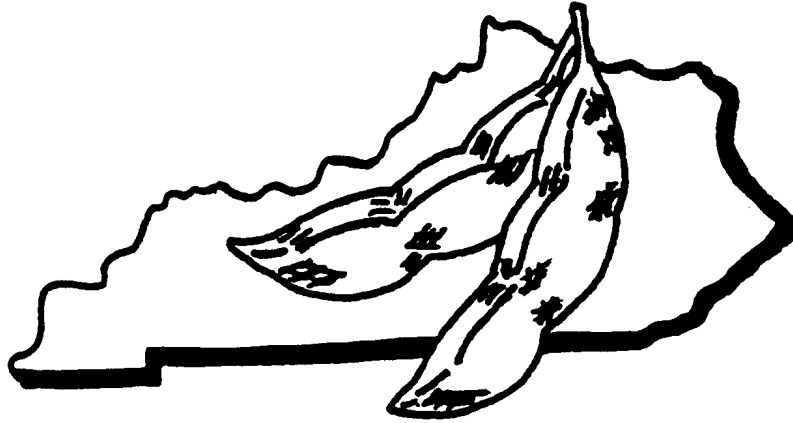


2010

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 21, 2011

2010 Kentucky Soybean Production Contest

Summary of Award Winners

Total yield entries completed - 98
 Div. I (Single-crop) - 77
 Div. II (Double-crop) - 21
 Soybean Quality Entries - 44
 Kentucky counties represented - 21

I. State Yield 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	Todd Webb	Warren	Pioneer 94Y70	97.41
1st Place	I	Harold Ebelhar	Daviess	Dyna-Gro 37P37	96.21
2nd Place	I	Castlen Brothers Farms	Daviess	Beck's 445NR	91.01
1st Place	II	Mike Reynolds Farm	Taylor	Pioneer 94Y70	72.35
2nd Place	II	Peterson Farms	Marion	Pioneer 93B82	70.54

II. District Yield 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	Hopper Farms	Fulton	Asgrow AG4606	65.95
2	I	S & S Farms	Union	Beck's 274NR	84.23
3	I	Brian Lynn	Hopkins	Dyna-Gro 37P37	67.12
4	I	Elkins Farms	Warren	Stine 4392-4	87.67
5	I	Schwenke Brothers	Boone	Pioneer 94Y01	84.30
6	I	Mims Farms	Cumberland	Asgrow AG4730	88.62

III. 60+ Bushel Club

	<u>Name</u>	<u>County</u>	<u>Variety</u>	<u>Yield (Bu/A)</u>
A.	Division I - Single-crop			
1.	Todd Webb	Warren	Pioneer 94Y70	97.41
2.	Harold Ebelhar	Daviess	Dyna-Gro 37P37	96.21
3.	Castlen Brothers Farms	Daviess	Beck's 445NR	91.01
4.	Mims Farms	Cumberland	Asgrow AG4730	88.62
5.	Elkins Farms	Warren	Stine 4392-4	87.67
6.	Castlen Brothers Farms	Daviess	Pioneer 94Y01	87.51
7.	Schwenke Brothers	Boone	Pioneer 94Y01	84.30
8.	S & S Farms (Brian Shouse)	Union	Beck's 274NR	84.23
9.	Mark Litzinger	Mason	NK Brand S35-T9	83.63
10.	Morris Farms	Casey	Pioneer 93Y70	83.49

11.	Meredith Farms	Henderson	Pioneer 93Y92	82.75
12.	Sylvester, Brian & Jerry Fischer Farms	Daviess	So. Cross Malachi	82.62
13.	Larry Parrish	Henderson	So. Cross Jericho	81.28
14.	Hancock Brothers	Union	So. Cross Caleb	80.99
15.	Peterson Farms	Marion	Pioneer 93B82	80.38
16.	Donnie Poore	Cumberland	Beck's 445NR	79.47
17.	S & S Farms (Gene Shouse)	Union	Beck's 274NR	78.13
18.	John Kuegel, Jr.	Daviess	Dyna-Gro 37P37	78.03
19.	Hancock Brothers	Union	Dyna-Gro V48N7RS	77.54
20.	Meredith Farms	Henderson	So. Cross Caleb	76.00
21.	Darrell Hagan Farms	Daviess	Pioneer 93M61	74.64
22.	Goetz Brothers Farms	Daviess	Beck's 420NR	74.54
23.	Kamuf Farm	Daviess	Dyna-Gro 37P37	74.47
24.	Elliott Farms	Daviess	So. States RT4470N-ST5	74.32
25.	Monty Parrish	Henderson	So. Cross Jericho	73.14
26.	Clements Brothers	Union	Dyna-Gro 37P37	73.04
27.	James Sexton	Wayne	Asgrow DKB42-51	72.97
28.	Tommy Stringer	Casey	Beck's 445NR	72.75
29.	PPJ Thompson Farms	Daviess	Beck's 422NR	72.71
30.	Zoglmann Brothers Farms	Daviess	Beck's 362NR	72.60
31.	Williams Farms	Wayne	NK Brand S48-C9	72.55
32.	Robbie Williams	Henderson	Beck's 299NR	72.50
33.	Williams Farms	Wayne	NK Brand S48-C9	72.09
34.	Harold Ebelhar	Daviess	So. States RT4470N-ST5	71.62
35.	Roy Robinson	Union	Dyna-Gro 36C44	71.41
36.	Michael Buckman	Marion	Pioneer 93Y92	71.05
37.	Richard Leslie	Union	So. Cross Eli	70.61
38.	Reding Farms	Nelson	Asgrow AG4730	70.08
39.	Castlen Brothers Farms	Daviess	Pioneer 94Y01	69.73
40.	Goetz Brothers Farms	Daviess	Beck's 445NR	69.37
41.	Larry Duncan	Webster	Dyna-Gro 37P37	68.80
42.	Williams Farms	Wayne	NK Brand S48-C9	68.77
43.	Larry Parrish	Henderson	So. Cross Jericho	68.68
44.	Goetz Brothers Farms	Daviess	Beck's 422NR	68.60
45.	Lonny Epley	Logan	NK Brand S47-D9	68.01
46.	Larry McKinley	Wayne	Beck's 445NR	68.01
47.	Bill Gough	Union	So. Cross Caleb	67.73
48.	Jonothan Hagan	Union	Beck's 445NR	67.34
49.	Brian Lynn	Hopkins	Dyna-Gro 37P37	67.12
50.	Gregg Steward	Union	Beck's 362NR	67.02
51.	Tommy Nelson	Logan	NK Brand S44-D5	66.12
52.	David Higginbotham	Wayne	Beck's 445NR	66.12
53.	Hopper Farms	Fulton	Asgrow AG4606	65.95
54.	Gene Guinn	Wayne	Pioneer 94B73	65.51
55.	S and S Farms	Wayne	Asgrow AG4404	64.98
56.	Monty Parrish	Henderson	So. Cross Caleb	64.91
57.	James Sexton	Wayne	Asgrow AG4730	64.73

58.	John Griffith	Graves	Asgrow AG3730	64.72
59.	Jerry Griffith	Graves	Dyna-Gro 37T26	64.25
60.	Danny Basham	Hopkins	Dyna-Gro 37RY47	62.54
61.	Joe McPherson/Kevin McPherson	Daviess	So. States RT4470N-ST5	61.82
62.	Mary View Farms	Mason	NK Brand S39-A3	61.66
63.	Phillip Baird	Union	Dyna-Gro V48N7RS	60.60
64.	BLT Farms	Hardin	NK Brand S39-A3	60.56

B. Division II – Double-crop

1.	Mike Reynolds Farm	Taylor	Pioneer 94Y70	72.35
2.	Peterson Farms	Marion	Pioneer 93B82	70.54
3.	Peterson Farms	Marion	Pioneer 94Y21	69.13
4.	Waller Brothers	Union	Dyna-Gro V48N7RS	68.74
5.	Burton Farms	Wayne	So. Cross Caleb	67.52
6.	Burton Farms	Wayne	So. Cross Caleb	66.82
7.	Goetz Brothers Farms	Daviess	Beck's 445NR	66.62
8.	S & S Farms (Bobby Shouse)	Union	Beck's 491NR	66.32
9.	Anderson Farms	Union	Beck's 474NR	66.26
10.	Drew Estes	Warren	Stine 4392-4	65.35
11.	Seven Springs Farms	Trigg	Pioneer 94Y20	62.03
12.	S & S Farms (Gene Shouse)	Union	Beck's 491NR	62.02
13.	S & S Farms (Brian Shouse)	Union	Beck's 491NR	61.67
14.	Williams Farms	Wayne	Pioneer 94Y70	60.27

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	Joanna Coles	Warren	97.41
2. Agent with Top 3 Avg. Yield	Clint Hardy	Daviess	91.57
3. Most Entries Submitted	Rankin Powell	Union	(20)
4. Submitted 3 or more entries (and did not receive one of the above awards)	Cam Kenimer	Fulton	(4)
	Kenny Perry	Graves	(3)
	George McCain	Marion	(4)
	Mike Smith	Henderson	(7)
	George Kelley	Hopkins	(4)
	Chris Milam	Logan	(4)
	Glen Roberts	Wayne	(16)

V. Summary of Other Yield Entries

<u>Name</u>	<u>County</u>	<u>Variety</u>	<u>Yield (Bu/A)</u>
A. Division I - Single-crop			
David Lusk	Fulton	Channel 4817R	52.06
Matt Moss	Fulton	Dairyland 8482	49.54
Taylor Moss	Fulton	Dairyland 8482	48.87
Eric Mathis	Graves	Pioneer 94Y60	54.63
PPJ Thompson Farms	Daviess	Pioneer 94Y60	58.57
Running T Farms	Union	Asgrow AG4730	59.28
Running T Farms	Union	Dyna-Gro V47N8RR	52.74
Greg Crowley	Hopkins	Dyna-Gro V42N9RS	58.03
Danny Basham	Hopkins	Dyna-Gro 37RY47	55.04
Seldom Rest Farms	Simpson	Pioneer 94Y80	52.42
Greg Beard	Clinton	Beck's 400NR	55.46
James Sexton	Wayne	Asgrow AG4403	59.80
S and S Farms	Wayne	Asgrow AG4403	57.00
B. Division II - Double-crop			
Anderson Farms	Union	Dyna-Gro 36C44	54.25
S & S Farms (David Shouse)	Union	Beck's 491NR	52.56
Armistead Farms	Logan	Asgrow AG4730	57.61
Armistead Farms	Logan	Asgrow AG4630	56.01
Seldom Rest Farms	Simpson	Pioneer 94Y80	57.43
Williams Farms	Wayne	Caverndale CF422	57.18
Williams Farms	Wayne	So. Cross Caleb	50.60

Summary of Cultural Practices

The information summarized below is from a questionnaire completed by each of the 98 yield contestant entries. A no response means the information was not provided by the contestant(s). The number in () represents the 78 entries that yielded over 60 bushels per acre. The letters (a,b,c,d,e) represent practices of the State Yield Winners (Letter codes explained at end of summary).

What kind of seed was used?

New seed	98	(78)a,b,c,d,e
Saved seed	0	
No response	0	

Germination of seed planted.

90% or more	49	(37)c,d
85-89%	30	(26)a
80-84%	8	(7)b,e
<80%	0	
No response	11	(8)

Did you inoculate your seed?

Yes	58	(46)a,d,e
No	33	(27)b,c
No response	7	(5)

What tillage system was used?

<u>Div. I (Single-crop):</u>		
Conventional	0	
Minimum-till	31	(22)a
No-tillage	46	(42)b,c
No response	0	
<u>Div. II (Double-crop):</u>		
Conventional	0	
Minimum-till	0	
No-tillage	21	(14)d,e
No response	0	

What row width did you plant?

<u>Div. I (Single-crop):</u>		
Solid (B'cast)	0	
6-10"	7	(6)a
11-15"	61	(50)b,c
16-20"	4	(3)
21-29"	0	
30"	2	(2)
31-40"	0	
30" twin rows	2	(2)
No response	1	(1)
<u>Div. II (Double-crop):</u>		
6-10"	4	(2)e
11-15"	17	(12)d
16-20"	0	
30"	0	
No response	0	

What was your planting date?

<u>Div. I (Single-crop):</u>		
Before April 20	2	(2)
April 20-30	6	(6)
May 1-10	21	(19)a,b,c
May 11-20	26	(23)
May 21-31	16	(12)
June 1-10	2	(1)
June 11-20	2	
June 21-30	2	(1)
No response	0	
<u>Div. II (Double-crop):</u>		
June 1-10	1	
June 11-20	10	(6)
June 21-30	10	(8)d,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	2	(2)
126,000 - 150,000	27	(25)c
151,000 - 175,000	38	(30)b
176,000 - 200,000	9	(6)a
201,000 - 225,000	0	
225,000 +	0	
No response	1	(1)
<u>Division II (Double-crop):</u>		
< 125,000	0	
126,000 - 150,000	3	
151,000 - 175,000	6	(4)
176,000 - 200,000	10	(9)d,e
201,000 - 225,000	2	(1)
225,000 +	0	
No response	0	

What rate of P₂O₅ and K₂O were applied?

Lbs/A	P ₂ O ₅	K ₂ O
0	49	(39)a,b,c,e
1-40	12	(10)
41-80	22	(17)d
81-120	4	(3)
120 +	3	(2)
Manure applied	8	(7)
No response	0	0

Was nitrogen applied?

Yes	25 (22)
No	65 (49)a,b,c,d,e
Manure applied	8 (7)
No response or unknown	0

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

Corn	66 (55)a,b,c
Soybeans	8 (6)
Grain Sorghum	0
Soybeans Double-crop	0
Pasture or Sod (grass)	1 (1)
None (Fallow)	0
No response	2 (2)

Div. II (Double-crop):

Wheat	20 (14)d,e
Barley	1
Canola	0
No response	0

Was a foliar fungicide used?

Yes	46 (38)d
No	50 (38)a,b,c,e
No response	2 (2)

Products used:

Headline	33 (27)d
Quadris	9 (9)
Quilt	1 (1)
Stratego	1 (1)

Was an insecticide used?

Yes	54 (44)b,d,e
No	42 (32)a,c
No response	2 (2)

Products used:

Asana	2 (1)
Endigo	7 (7)
Hero	4 (4)
Lambda	2 (2)
Mustang Max	15 (9)
Mustang Max + Hero	2 (2)
Pounce	1 (1)
Tombstone	13 (13)b,d
Tombstone + Hero	2 (1)
Warrior	6 (4)e

Five most planted varieties of 48 used.

Beck's 445NR	8 (8)c
So. Cross Caleb	7 (6)
Dyna-Gro 37P37	6 (6)b
Asgrow AG4730	5 (3)
Beck's 491NR	4 (3)

What type of herbicide application did you use?

Preemergence (PRE)	4 (4)
PRE + Postemergence	57 (47)b,c,e
Postemergence (POST)	35 (25)a,d
No Response	2 (2)

What herbicides were used?

Authority MTZ + Ignite (PRE)	1 (1)
Encompass	1
Fusion + Flexstar + Classic (POST)	2 (2)e
Fusion + Flexstar + Classic + Basagran (POST)	1 (1)
Gramoxine (PRE)	1 (1)
OpTill (PRE)	2 (2)
OpTill + 2,4-D (PRE)	2 (2)
OpTill + Sharpen (PRE)	1 (1)
Valor (PRE)	2 (2)
<u>Glyphosate Products, Pre-mixes and Tank Mixes:</u>	
Buccaneer (POST)	4 (4)
Buccaneer Plus (POST)	3 (1)
Buccaneer Plus (PRE + POST)	1
Buccaneer + Cloak (PRE)	3 (3)
Credit Extra (PRE)	1 (1)
Credit Extra (POST)	2
Credit Extra (POST-twice)	1 (1)
Credit Extra + Classic (POST)	2
Durango (POST)	4 (4)
Gly-4 Plus (POST)	1
Gly-4 Plus (PRE + POST)	1 (1)
Glyphosate + Authority (PRE)	1 (1)
Glyphosate + 2,4-D	1 (1)
Glyphosate (PRE)	1 (1)
Glyphosate (PRE + POST)	1 (1)
Glyphosate (POST)	1 (1)
Glyphosate + FirstRate (POST)	1 (1)
Gly Pho-Sel Pro (PRE + POST)	5 (3)
Mad Dog Plus (POST)	2 (2)
Makaze + Salvo (PRE)	1 (1)
Makaze + Sharpen + Salvo (PRE)	1 (1)
Makaze (POST)	2 (2)
Roundup* + Authority Assist (PRE)	1 (1)
Roundup* + Authority First (PRE)	8 (7)b
Roundup* + Canopy (PRE)	1 (1)
Roundup* + Scepter + 2,4-D (PRE)	1 (1)
Roundup* + Sharpen (PRE)	3 (3)c
Roundup* + Valor (PRE)	5 (3)
Roundup* (PRE)	2 (1)
Roundup* (PRE + POST)	11 (9)
Roundup* (POST)	26 (19)a,d
Roundup* (POST-twice)	2 (2)
Roundup* + Aim (POST)	1 (1)b
Roundup* + Cadet (POST)	5 (5)
Roundup* + Canopy (POST)	1 (1)
Roundup* + Classic (POST)	4 (2)
Roundup* + FirstRate (POST)	2 (1)
Roundup* + Prefix (POST)	3 (3)c

(Continued on next page)

Roundup* + Prefix + Butyrac (POST)	1 (1)
Touchdown + Prefix (PRE)	1 (1)
Touchdown (POST)	3 (3)
Touchdown + FirstRate (POST)	1 (1)
Traxion (PRE)	1 (1)
Traxion + Scepter + Extreme (PRE)	2 (2)e
No response (herbicides not listed)	2 (2)

*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

Soybean Quality Contest Summary

I. State Quality Awards: Highest % Oil and Highest % Protein

<u>Award</u>	<u>Name</u>	<u>County</u>	<u>Variety</u>	<u>% Oil</u>	<u>% Protein</u>
Oil-1 st Place	Gregg Steward	Union	Beck's 362NR	21.42	33.65
Oil-2 nd Place	Meredith Farms	Henderson	So. Cross Caleb	20.66	31.15
Protein-1 st Place	Seven Springs Farms	Trigg	Pioneer 94Y20	19.08	35.84
Protein-2 nd Place	S & S Farms	Union	Beck's 274NR	18.85	35.52

II. Listing of all 44 entries

	<u>Name</u>	<u>County</u>	<u>Variety</u>	<u>% Oil</u>	<u>% Protein</u>
A. Division I (Single-crop)					
1.	Schwenke Brothers	Boone	Pioneer 94Y01	19.45	32.69
2.	Williams Farms	Wayne	NK Brand S48-C9	18.91	32.61
3.	Williams Farms	Wayne	NK Brand S48-C9	18.45	33.01
4.	Larry McKinley	Wayne	Beck's 445NR	20.58	32.10
5.	David Higginbotham	Wayne	Beck's 445NR	18.11	35.01
6.	James Sexton	Wayne	Asgrow AG4730	18.38	35.34
7.	S and S Farms	Wayne	Asgrow AG4403	19.50	33.84
8.	Reding Farms	Nelson	Asgrow AG4730	18.95	34.34
9.	Brian Lynn	Hopkins	Dyna-Gro 37P37	19.29	34.15
10.	Danny Basham	Hopkins	Dyna-Gro 37RY47	19.27	32.78
11.	Danny Basham	Hopkins	Dyna-Gro 37RY47	18.90	33.43
12.	Greg Crowley	Hopkins	Dyan-Gro V42N9RS	18.98	32.64
13.	Harold Ebelhar	Daviess	So. States RT4470N-STS	19.68	33.29
14.	Larry Parrish	Henderson	So. Cross Jericho	20.14	32.49
15.	Larry Parrish	Henderson	So. Cross Jericho	19.76	31.51
16.	Monty Parrish	Henderson	So. Cross Jericho	20.10	31.39
17.	Monty Parrish	Henderson	So. Cross Caleb	20.05	32.49
18.	Meredith Farms	Henderson	So. Cross Caleb	20.66	31.15
19.	S & S Farms (Brian Shouse)	Union	Beck's 274NR	19.34	35.06
20.	S & S Farms (Gene Shouse)	Union	Beck's 274NR	18.85	35.52
21.	Hancock Brothers	Union	So. Cross Caleb	19.43	33.21
22.	Hancock Brothers	Union	Dyna-Gro V48N7RS	19.40	32.20
23.	Clements Brothers	Union	Dyna-Gro 37P37	19.66	33.50
24.	Roy Robinson	Union	Dyna-Gro 36C44	19.67	32.19
25.	Richard Leslie	Union	So. Cross Eli	19.80	31.57

	<u>Name</u>	<u>County</u>	<u>Variety</u>	<u>% Oil</u>	<u>% Protein</u>
26.	Bill Gough	Union	So. Cross Caleb	19.47	33.63
27.	Jonothan Hagan	Union	Beck's 445NR	19.58	33.76
28.	Gregg Steward	Union	Beck's 362NR	21.42	33.65
29.	Phillip Baird	Union	Dyna-Gro V48N7RS	20.19	30.47
30.	Running T Farms	Union	Asgrow AG4730	18.66	33.97
31.	Running T Farms	Union	Dyna-Gro V47N8RR	<u>19.39</u>	<u>33.97</u>
			Single-crop Avg.	19.48	33.13

B. Division II (Double-crop)

1.	Mike Reynolds Farm	Taylor	Pioneer 94Y70	18.40	33.37
2.	Burton Farms	Wayne	So. Cross Caleb	19.08	33.67
3.	Burton Farms	Wayne	So. Cross Caleb	18.56	34.30
4.	Williams Farms	Wayne	Caverndale CF422	18.72	34.64
5.	Seldom Rest Farms	Simpson	Pioneer 94Y80	18.91	33.53
6.	Seven Springs Farms	Trigg	Pioneer 94Y20	19.08	35.84
7.	Waller Brothers	Union	Dyna-Gro V48N7RS	19.02	33.04
8.	S & S Farms (Bobby Shouse)	Union	Beck's 491NR	19.17	34.36
9.	S & S Farms (Gene Shouse)	Union	Beck's 491NR	19.11	34.45
10.	S & S Farms (Brian Shouse)	Union	Beck's 491NR	19.19	32.43
11.	S & S Farms (David Shouse)	Union	Beck's 491NR	19.31	34.89
12.	Anderson Farms	Union	Beck's 474NR	18.81	32.44
13.	Anderson Farms	Union	Dyna-Gro 36C44	<u>18.64</u>	<u>32.77</u>

Double-crop Avg. 18.92 33.83

Grand Avg. (44 samples) **19.32 33.33**

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

Crop Production Services

DuPont

Dyna-Gro Seed

Farm Credit Services of Mid-America

FMC

Monsanto

NK Soybeans

Pioneer Hi-Bred International

Syngenta Crop Protection

SILVER LEVEL

Agri-Chem

BASF

Beck's Hybrids

Southern States Cooperative

BRONZE LEVEL