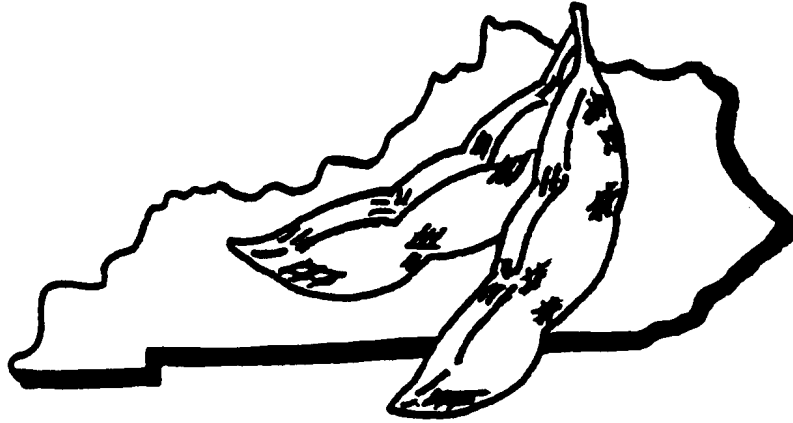


2009

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 22, 2010

2009 Kentucky Soybean Production Contest

Summary of Award Winners

Total yield entries completed - 55
 Div. I (Single-crop) - 38
 Div. II (Double-crop) - 17
 Soybean Quality Entries - 32
 Kentucky counties represented - 14

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	Peterson Farms	Marion	Pioneer 93B82	90.32
1st Place	I	Waller Brothers	Union	Dyna-Gro V48N7RS	88.09
2nd Place	I	S & S Farms	Union	Beck's 274NRR	84.83
1st Place	II	Donnie Greenwell	Union	So. States RT-4760N	61.48
2nd Place	II	Running T Farms	Union	Asgrow DKB46-51	60.73

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	Griffith Farms	Graves	Dyna-Gro V265RR	76.23
2	I	Drew & Carol Burns	Daviess	NK Brand S38-D5	84.16
3	I	Danny Basham	Hopkins	Dyna-Gro V48N7RS	70.27
4	I	Seldom Rest Farms	Simpson	Pioneer 94Y70	73.90
5	I	Schwenke Brothers	Boone	Pioneer 94Y20	66.64
6	I	Donald Poore	Cumberland	Beck's 445NRR	77.84

III. 60+ Bushel Club

	<u>Name</u>	<u>County</u>	<u>Variety</u>	<u>Yield (Bu/A)</u>
A.	Division I - Single-crop			
1.	Peterson Farms	Marion	Pioneer 93B82	90.32
2.	Waller Brothers	Union	Dyna-Gro V48N7RS	88.09
3.	S & S Farms	Union	Beck's 274NRR	84.83
4.	Drew & Carol Burns	Daviess	NK Brand S38-D5	84.16
5.	Sylvester, Brian, & Jerry Fischer Farms	Daviess	Dyna-Gro 37P37	83.28
6.	S & S Farms	Union	Beck's 274NRR	80.90
7.	Meredith Farms	Henderson	So. Cross Caleb	80.11
8.	Donald Poore	Cumberland	Beck's 445NRR	77.84
9.	Ebelhar Farms	Daviess	Beck's 422NRR	77.72
10.	Mike & Mark Henshaw	Union	Asgrow AG4605	77.61

11.	White Farms & W.E. White	Union	Asgrow AG3803	76.80
12.	Phillip Baird	Union	Dyna-Gro V48N7RS	76.75
13.	Drew & Carol Burns	Daviess	So. Cross Caleb	76.74
14.	Griffith Farms	Graves	Dyna-Gro V265RR	76.23
15.	PPJ Thompson Farms	Daviess	Pioneer 94Y90	75.22
16.	Pat & Phillip Zoglmann	Daviess	Dyna-Gro 37P37	75.16
17.	Morris Farms	Casey	Pioneer 94Y70	75.07
18.	Mike Geiger	Union	Dyna-Gro 36C44	74.93
19.	Jim Taylor	Daviess	Dyna-Gro 32C38	74.84
20.	Bill Netherland	Taylor	So. Cross Caleb	74.59
21.	Seldom Rest Farms	Simpson	Pioneer 94Y70	73.90
22.	Omer Farms	Union	Croplan RC-4757	72.09
23.	Marion Howard	Taylor	Pioneer 94Y20	71.62
24.	Pasture Belt Farms	Daviess	Beck's 399NRR	71.60
25.	Phillip Baird	Union	Dyna-Gro V48N7RS	70.87
26.	PPJ Thompson Farms	Daviess	Pioneer 94Y20	70.80
27.	Danny Basham	Hopkins	Dyna-Gro V48N7RS	70.27
28.	Bill Gough	Union	Pioneer 94Y70	69.20
29.	Bart Goodman	Fulton	Asgrow AG3539	69.16
30.	Pasture Belt Farms	Daviess	Beck's 399NRR	69.09
31.	Sparks Farms	Daviess	NK Brand S35-T9	67.78
32.	Schwenke Brothers	Boone	Pioneer 94Y20	66.64
33.	K & K Farms	Wayne	So. Cross Silas	62.92
34.	Danny Basham	Hopkins	Dyna-Gro V48N7RS	61.82

B. Division II – Double-crop

1.	Donnie Greenwell	Union	So. States RT-4760N	61.48
2.	Peterson Farms	Marion	Pioneer 93B82	61.27
3.	Running T Farms	Union	Asgrow DKB46-51	60.73
4.	Malcolm Oatts	Christian	Pioneer 94Y90	60.37
5.	Running T Farms	Union	Asgrow DKB46-51	60.26

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	George McCain	Marion	90.32
2. Agent with Top 3 Avg. Yield	Rankin Powell	Union	84.61
3. Most Entries Submitted	Rankin Powell	Union	(18)
4. Submitted 3 or more entries (and did not receive one of the above awards)	Mike Smith	Henderson	(3)
	George Kelley	Hopkins	(3)
	Clint Hardy	Daviess	(14)
	Glen Roberts	Wayne	(5)

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			
Mark Yaussi	Fulton	MorSoy	48.33
Omer Farms	Union	So. Cross Eli	57.79
Danny Basham	Hopkins	Dyna-Gro V48N7RS	52.95
S & S Farms	Wayne	So. Cross Caleb	56.79
B. Division II - Double-crop			
Goetz Brothers Farms	Daviess	Beck's 445NRR	58.80
PPJ Thompson Farms	Daviess	So. Cross Caleb	56.43
Habit Hill Farms	Daviess	Pioneer 94Y20	53.68
Gary Thomas	Henderson	Dyna-Gro V48N7RS	56.84
Gary Thomas	Henderson	Asgrow AG4903	52.47
Gregg Steward	Union	Pioneer 94M80	56.42
Running T Farms	Union	Asgrow DKB46-51	54.70
Bill Gough	Union	Croplan Genet. 4417	51.69
Running T Farms	Union	Asgrow DKB46-51	46.32
S & S Farms and Cooley	Wayne	Pioneer 94M80	37.66
S & S Farms and Cooley	Wayne	Asgrow AG4303	45.94
James Sexton/Myson Rice	Wayne	Pioneer 94M50	37.16

Summary of Cultural Practices

The information summarized below is from a questionnaire completed by each of the 55 yield contestant entries. A no response means the information was not provided by the contestant(s). The number in () represents the 39 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	55 (39)a,b,c,d,e
Saved seed	0
No response	0

Germination of seed planted.

90% or more	12 (10)
85-89%	15 (9)b,c,d
80-84%	3 (3)a
<80%	0
No response	25 (17)e

Did you inoculate your seed?

Yes	34 (25)a,b,c,e
No	17 (11)d
No response	4 (3)

What tillage system was used?

Div. I (Single-crop):

Conventional	0
Minimum-till	13 (10)
No-tillage	25 (24)a,b,c
No response	0

Div. II (Double-crop):

Conventional	0
Minimum-till	0
No-tillage	17 (5)d,e
No response	0

What row width did you plant?

Div. I (Single-crop):

Solid (B'cast)	0
6-10"	5 (5)a
11-15"	29 (25)b,c
16-20"	1 (1)
21-29"	0
30"	1 (1)
31-40"	0
30" twin rows	0
No response	2 (2)

Div. II (Double-crop):

6-10"	2 (1)
11-15"	15 (4)d,e
16-20"	0
30"	0
No response	0

What was your planting date?

Div. I (Single-crop):

Before April 20	1 (1)
April 20-30	4 (4)c
May 1-10	2 (2)
May 11-20	8 (7)
May 21-31	14 (13)a,b
June 1-10	7 (6)
June 11-20	1 (1)
June 21-30	1
No response	0

Div. II (Double-crop):

June 1-10	0
June 11-20	2
June 21-30	11 (4)d,e
July 1+	4 (1)
No response	0

What was your planting rate (seeds/acre)?

Division I (Single-crop):

<100,000	0
100,000 - 125,000	0
126,000 - 150,000	10 (10)
151,000 - 175,000	20 (17)a,b
176,000 - 200,000	7 (6)c
201,000 - 225,000	1 (1)
225,000 +	0
No response	0

Division II (Double-crop):

< 125,000	0
126,000 - 150,000	1
151,000 - 175,000	7 (3)e
176,000 - 200,000	7 (2)d
201,000 - 225,000	2
225,000 +	0
No response	0

What rate of P₂O₅ and K₂O were applied?

Lbs/A	P ₂ O ₅	K ₂ O
0	32 (21)b,d	29 (19)b,d
1-40	7 (6)	3 (3)
41-80	10 (6)a,e	9 (7)a,e
81-120	0	7 (3)
120 +	3 (3)	4 (4)
Manure applied	2 (2)c	2 (2)c
No response	1 (1)	1 (1)

Was nitrogen applied?

Yes	13 (10)a
No	39 (26)b,d,e
Manure applied	2 (2)c
No response or unknown	1 (1)

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

Corn	32 (28)a,b,c
Soybeans	4 (4)
Grain Sorghum	0
Soybeans Double-crop	0
Pasture or Sod (grass)	2 (2)
None (Fallow)	0
No response	0

Div. II (Double-crop):

Wheat	16 (5)d,e
Barley	1
Canola	0
No response	0

Was a foliar fungicide used?

Yes	28 (25)a,b
No	27 (14)c,d,e
No response	0

Products used:

Domark	1 (1)
Headline	21 (18)b
Quadris	2 (2)
Quilt	1 (1)a
Stratego	1 (1)
Toledo + Quadris	1 (1)
Toledo + Quilt	1 (1)

Was an insecticide used?

Yes	29 (25)b,c,e
No	26 (14)a,d
No response	0

Products used:

Asana	1 (1)
Hero	2 (2)b
Mustang	1 (1)
Mustang Max	5 (4)
Tombstone	8 (7)
Warrior	12 (10)c,e

Five most planted varieties of 30 used.

Vigoro V48N7RS	7 (5)b
So. Cross Caleb	5 (3)
Asgrow DKB46-51	4 (2)e
Pioneer 94Y20	4 (3)
Pioneer 94Y70	3 (3)

What type of herbicide application did you use?

Preemergence (PRE)	0
PRE + Postemergence	30 (26)a,b,c
Postemergence (POST)	25 (13)d,e
No Response	0

What herbicides were used?

Canopy + 2,4-D (PRE)	3 (2)
Fusion + Flexstar (POST)	1 (1)a
Fusion + Flexstar + Basagran + Harmony GT (POST)	1 (1)
Prefix (PRE)	1 (1)
Salvo + Sonic + Stealth (PRE)	1 (1)
Valor (PRE)	3 (3)b
<u>Glyphosate Products, Pre-mixes and Tank Mixes:</u>	
Buccaneer (PRE + POST)	2
Buccaneer (POST)	3 (1)
Cornerstone (POST)	1 (1)
Durango (PRE + POST)	1
Extreme (PRE)	2 (2)
Extreme (POST)	1 (1)
Glyphosate (PRE + POST)	1 (1)
Glyphosate (POST)	2
Makaze (POST)	1 (1)
Roundup* + 2,4-D (PRE)	1 (1)
Roundup* + Canopy (PRE)	3 (3)
Roundup* + Valor (PRE)	2 (2)c
Roundup* (PRE)	5 (5)
Roundup* (PRE + POST)	1 (1)
Roundup* (POST)	23 (16)b,c,d,e
Roundup* (POST-twice)	5 (4)
Roundup* + Cadet (POST)	1 (1)b
Roundup* + Classic (POST)	1 (1)
Roundup* + Intensity (POST)	2 (2)
Roundup* + Pursuit (POST)	1 (1)
Roundup* + SelectMax (POST)	1
Roundup* + Volunteer (POST)	2 (2)
Roundup* + SelectMax + First Rate + Classic (POST)	1 (1)
Sequence (POST)	2 (2)
Touchdown + 2,4-D (PRE)	1 (1)
Touchdown + Canopy (PRE)	1 (1)
Touchdown (POST)	2 (2)
Traxion + Authority First (PRE)	1 (1)
Traxion + Authority First + Scepter (PRE)	1 (1)a

*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

Award	Name	County	Variety	% Oil	% Protein
Oil-1 st Place	Danny Basham	Hopkins	Dyna-Gro V48N7RS	20.43	32.64
Oil-2 nd Place	Waller Brothers	Union	Dyna-Gro V48N7RS	20.34	31.36
Protein-1 st Place	Running T Farms	Union	Asgrow DKB46-51	16.87	36.94
Protein-2 nd Place	Gregg Steward	Union	Pioneer 94M80	16.90	36.64

II. Listing of all 32 entries

Name	County	Variety	% Oil	% Protein
A. Division I (Single-crop)				
1. Schwenke Brothers	Boone	Pioneer 94Y20	19.91	35.02
2. Danny Basham	Hopkins	Dyna-Gro V48N7RS	20.43	32.64
3. Danny Basham	Hopkins	Dyna-Gro V48N7RS	19.70	33.72
4. Danny Basham	Hopkins	Dyna-Gro V48N7RS	19.14	33.43
5. Seldom Rest Farms	Simpson	Pioneer 94Y70	19.20	33.90
6. Drew & Carol Burns	Daviess	NK Brand S38-D5	18.84	33.04
7. Drew & Carol Burns	Daviess	So. Cross Caleb	18.57	34.59
8. Pat & Phillip Zoglmann	Daviess	Dyna-Gro 37P37	18.40	33.87
9. Jim Taylor	Daviess	Dyna-Gro 32C38	18.67	33.90
10. Pasture Belt Farms	Daviess	Beck's 399NRR	18.75	34.35
11. Pasture Belt Farms	Daviess	Beck's 399NRR	19.31	35.62
12. Sparks Farms	Daviess	NK Brand S35-T9	19.70	32.15
13. Waller Brothers	Union	Dyna-Gro V48N7RS	20.34	31.36
14. S & S Farms	Union	Beck's 274NRR	19.17	33.97
15. S & S Farms	Union	Beck's 274NRR	18.73	35.05
16. Mike & Mark Henshaw	Union	Asgrow AG4605	18.78	34.06
17. White Farms & W.E. White	Union	Asgrow AG3803	19.45	34.06
18. Phillip Baird	Union	Dyna-Gro V4897RS	19.04	33.85
19. Phillip Baird	Union	Dyna-Gro V4897RS	19.27	32.59
20. Mike Geiger	Union	Dyna-Gro 36C44	19.91	33.57
21. Omer Farms	Union	Croplan RC-4757	18.99	34.15
22. Omer Farms	Union	So. Cross Eli	19.47	33.88
23. Bill Gough	Union	Pioneer 94Y70	<u>19.84</u>	<u>32.77</u>
Single-crop Avg.			19.29	33.72

<u>Name</u>	<u>County</u>	<u>Variety</u>	<u>% Oil</u>	<u>% Protein</u>
B. Division II (Double-crop)				
1. Gary Thomas	Henderson	Dyna-Gro V48N7RS	17.60	34.58
2. Gary Thomas	Henderson	Asgrow AG4903	18.62	33.25
3. Donnie Greenwell	Union	So. States RT-4760N	18.09	33.68
4. Running T Farms	Union	Asgrow DKB46-51	17.83	35.17
5. Running T Farms	Union	Asgrow DKB46-51	16.87	36.94
6. Running T Farms	Union	Asgrow DKB46-51	17.16	35.84
7. Running T Farms	Union	Asgrow DKB46-51	17.41	35.71
8. Gregg Steward	Union	Pioneer 94M80	16.90	36.64
9. Bill Gough	Union	Croplan Genet. 4417	18.32	33.44
		Double-crop Avg.	17.64	35.03
		Grand Avg. (32 samples)	18.83	34.09

Cooperating Agri-Business Companies and Associations

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PLATINUM LEVEL

Kentucky Soybean Association/Kentucky Soybean Promotion Board

GOLD LEVEL

Bayer Crop Science

Crop Production Services (Dyna-Gro Brand Seed)

DuPont Crop Protection

Farm Credit Services of Mid-America

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Pioneer Hi-Bred International

Syngenta Crop Protection

SILVER LEVEL

Agri-Chem

BASF

Beck's Hybrids

Channel

Southern States Coop.

BRONZE LEVEL

Dow AgroSciences

LG Seeds

Miles Seed (Southern Cross Brand Seed)