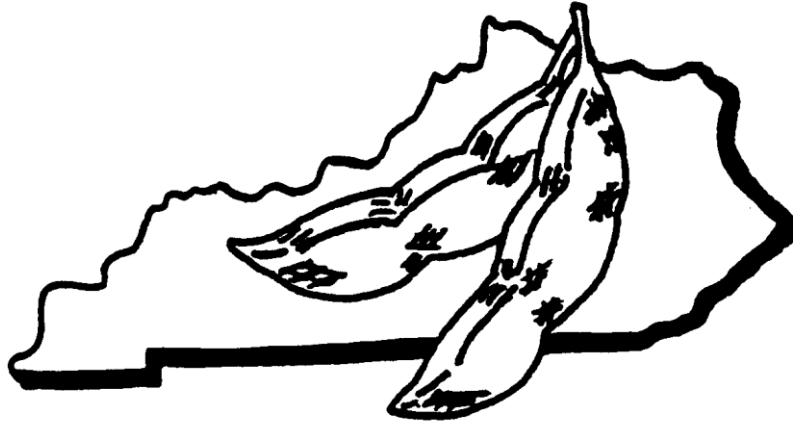


2013

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 17, 2014

2013 Kentucky Soybean Production Contest

Summary of Award Winners

Total yield entries completed - 56
 Div. I (Single-crop) - 44
 Div. II (Double-crop) - 12
 Soybean Quality Entries - 40
 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	PPJ Thompson Farms	Daviess	Pioneer P35T58R	87.98
1st Place	I	Castlen Brothers Farms	Daviess	Pioneer 93Y84	85.06
2nd Place	I	Monty Parrish	Henderson	Remington Seed Bean	84.88
1st Place	II	Williams Farms	Wayne	Asgrow AG4632	69.96
2nd Place	II	SB & J Fischer Farms	Daviess	Asgrow AG4232	69.92

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		"No Entries Received"			
2	I	Larry Parrish	Henderson	Remington Seed Bean	83.15
3	II	Kevin Coblentz	Todd	Channel 4500R2	55.53
4	I	Fresh Start Farms	Hardin	Asgrow AG4232	82.98
5	I	Schwenke Brothers	Boone	Pioneer 93Y84	83.61
6	I	Woodrum Brothers Farm	Casey	Asgrow AG4433	84.15

III. 60+ Bushel Club

	<u>Name</u>	<u>County</u>	<u>Variety</u>	<u>Yield (Bu/A)</u>
A.	Division I - Single-crop			
1.	PPJ Thompson Farms	Daviess	Pioneer P35T58R	87.98
2.	Castlen Brothers Farms	Daviess	Pioneer 93Y84	85.06
3.	Monty Parrish	Henderson	Remington Seed Bean	84.88
4.	Woodrum Brothers Farm	Casey	Asgrow AG4433	84.15
5.	Schwenke Brothers	Boone	Pioneer 93Y84	83.61
6.	Larry Parrish	Henderson	Remington Seed Bean	83.15
7.	Phillip Meredith	Henderson	Asgrow AG3832	83.13
8.	Fresh Start Farms	Hardin	Asgrow AG4232	82.98
9.	Chris Kummer	Simpson	So. States SS4725NSR2	80.87
10.	Ginn-Cloverland Farm	Fleming	Asgrow ????	80.84

11.	Donnie Greenwell	Union	So. States SS4700R2	80.54
12.	Castlen Brothers Farms	Daviess	Pioneer 93Y84	80.04
13.	Henshaw Brothers	Union	NK Brand S39-U2	76.68
14.	Clement Woodrum	Casey	Asgrow AG4433	76.08
15.	Sparks Farms	Daviess	NK Brand S46-J6	74.27
16.	Clement Woodrum	Casey	Asgrow AG4232	73.01
17.	S & S Farms & Cool Creek Farms	Wayne	Beck's 432NR	72.56
18.	Henshaw Brothers	Union	NK Brand S39-U2	72.27
19.	Waller Brothers	Union	Dyna-Gro S47RXB3	72.20
20.	Flatlick Farms / Scott Kuegel	Daviess	Pioneer 94Y23	72.12
21.	Bill Gough	Union	Dyna-Gro 38RY45	72.11
22.	PPJ Thompson Farms	Daviess	Pioneer P35T58R	71.76
23.	Bill Gough	Union	So. Cross Caleb	71.11
24.	James Sexton & Tim Dalton	Wayne	Asgrow AG4232	70.41
25.	S & S Farms & Cool Creek Farms	Wayne	Beck's 432NR	69.50
26.	Brent Dant	Daviess	Pioneer 94Y70	69.45
27.	James Sexton & Sherman York	Wayne	Asgrow AG4232	68.90
28.	Caverndale Farms (Lee Welty)	Garrard	Caverndale cf486rr2y/sts	68.83
29.	Castlen Brothers Farms	Daviess	Pioneer 94Y23	67.99
30.	James Sexton	Wayne	Pioneer P47T36R	66.93
31.	Richard Leslie	Union	Dyna-Gro 38RY45	66.16
32.	Sam Moore Farms	Butler	Asgrow AG4005	66.07
33.	PPJ Thompson Farms	Daviess	Asgrow AG4032	66.03
34.	Waller Brothers	Union	Dyna-Gro S47RXB3	65.58
35.	Horn Family Farms	Daviess	Beck's 444NR	64.95
36.	Clay Divine	Union	Pioneer 94Y90	64.74
37.	Meadows Farms	Lewis	Stewart 4412R2	63.84
38.	Horn Family Farms	Daviess	Beck's 444NR	62.53
39.	Land O'Nan Farm (Adam O'Nan)	Union	Dyna-Gro V48N7RS	61.03
40.	Clay Divine	Union	Pioneer 94Y90	60.27

B. Division II – Double-crop

1.	Williams Farms	Wayne	Asgrow AG4632	69.96
2.	SB & J Fischer Farms	Daviess	Asgrow AG4232	69.92
3.	Goetz Brothers Farms	Daviess	Beck's 432NR	69.61
4.	Running T Farms	Union	Pioneer 94Y70	65.06
5.	Sprague Brothers Farms	Union	Remington Seed Bean	64.93
6.	Williams Farms	Wayne	Asgrow AG4632	64.78
7.	H & G Thomas Farms	Henderson	Dyna-Gro S47RY13	63.74
8.	H & G Thomas Farms	Henderson	Dyna-Gro S47RY13	63.45
9.	Larry Parrish	Henderson	Stine 4782-4	61.44
10.	Running T Farms	Union	Pioneer P47T36R	60.62

IV. **County Agricultural Agent Awards**

<u>Award</u>	<u>Agent</u>	<u>County</u>	<u>Yield (Bu/A)</u> <u>or</u> <u>(# Entries)</u>
1. Agent with State Champion Entry	Clint Hardy	Daviess	87.98
2. Agent with Top 3 Avg. Yield	Clint Hardy	Daviess	84.36
3. Most Entries Submitted	Clint Hardy	Daviess	(14)
	Rankin Powell	Union	(14)
4. Submitted 3 or more entries (and did not receive one of the above awards)	Will Stallard	Casey	(3)
	Mike Smith	Henderson	(6)
	Philip Konopka	Lewis	(4)
	Glen Roberts	Wayne	(7)

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			
	Meadows Farms	Lewis	Steyer 4401R2	55.33
	Meadows Farms	Lewis	Stewart 4412R2	54.63
	Meadows Farms	Lewis	Steyer 4401R2	38.93
	Bracken County FFA	Bracken	Asgrow AG4232	49.19
B.	Division II - Double-crop			
	PPJ Thompson Farms	Daviess	Beck's 477NR	54.89
	Kevin Coblentz	Todd	Channel 4500R2	55.53

Summary of Cultural Practices

The information summarized below is from a questionnaire completed by each of the 56 yield contestant entries. A no response means the information was not provided by the contestant(s). The number in () represents the 50 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).

Were soybeans irrigated?

Yes	1 (1)
No	55 (49)a,b,c,d,e
No response	0

Was a seed treatment used?

Yes	41 (36)a,b,c
No	12 (11)d,e
No response	3 (3)

Did you inoculate your seed?

Yes	37 (33)c,d
No	16 (14)a,b,e
No response	3 (3)

What tillage system was used?

Div. I (Single-crop):

Conventional	5 (2)
Minimum-till	11 (11)c
No-tillage	28 (27)a,b
No response	0

Div. II (Double-crop):

Conventional	0
Minimum-till	0
No-tillage	12 (10)d,e
No response	0

What row width did you plant?

Div. I (Single-crop):

Solid (B'cast)	0
6-10"	3 (3)a
11-15"	40 (36)b,c
16-20"	0
21-29"	0
30"	0
31-40"	0
30" twin rows	0
No response	1 (1)

Div. II (Double-crop):

6-10"	1
11-15"	11 (10)d,e
16-20"	0
21-29"	0
No response	0

What was your planting date?

Div. I (Single-crop):

Before April 20	0
April 20-30	1 (1)a
May 1-10	2 (2)
May 11-20	17 (17)b
May 21-31	17 (14)c
June 1-10	4 (3)
June 11-20	1 (1)
June 21-30	1 (1)
No response	1 (1)

Div. II (Double-crop):

May 21-31	0
June 1-10	0
June 11-20	2 (1)e
June 21-30	5 (5)d
July 1+	5 (4)
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	17 (17)a,b
151,000 - 175,000	24 (20)c
176,000 - 200,000	2 (2)
201,000 - 225,000	0
225,000 +	0
No response	1 (1)

Division II (Double-crop):

< 125,000	0
126,000 - 150,000	1
151,000 - 175,000	7 (7)d,e
176,000 - 200,000	4 (3)
201,000 - 225,000	0
225,000 +	0
No response	0

What rate of P₂O₅ and K₂O were applied?

<u>Lbs/A</u>	<u>P₂O₅</u>	<u>K₂O</u>
0	15 (15)c,d,e	10 (10)c,e
1-40	6 (5)b	5 (4)b
41-80	27 (23)	18 (15)d
81-120	4 (4)	17 (16)
120 +	0	2 (2)
Manure applied	3 (2)a	3 (2)a
No response	1 (1)	1 (1)

Was nitrogen applied?

Yes	26 (21)b
No	26 (26)c,d,e
Manure applied	3 (2)a
No response or unknown	1 (1)

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

Corn	35 (35)a,b,c
Soybeans	5 (2)
CRP Land	0
Forage (Hay)	1 (1)
Pasture or Sod (grass)	0
Tobacco	1 (1)
Fallow	1
No response	1 (1)

Div. II (Double-crop):

Wheat	12 (10)d,e
Barley	0
Canola	0
No response	0

Was a foliar fungicide used?

Yes	24 (19)c,e
No	31 (30)a,b,d
No response	1 (1)

Products used:

Domark	4 (1)
Headline	7 (6)e
Priaxor	3 (2)
Quadris	7 (7)c
Quilt XL	1 (1)
Stratego	1 (1)
No response	1 (1)

Was an insecticide used?

Yes	26 (22)c,e
No	29 (27)a,b,d
No response	1 (1)

Products used:

Artic	2 (2)
Declare	1 (1)
Endigo	5 (5)c
Hero	6 (2)
Lamcap	1 (1)
Mustang	2 (2)
Mustang + Tombstone	2 (2)
Swagger	1 (1)e
Tombstone	2 (2)
Warrior	3 (3)
No response	1 (1)

Four most planted varieties of 31 used.

Asgrow AG4232	6 (5)e
Beck's 432NR	3 (3)
Pioneer 93Y84	3 (3)b
Remington Seed Bean	3 (3)c

What type of herbicide application did you use?

Preemergence (PRE)	0
PRE + Postemergence	30 (28)a,b,c
Postemergence (POST)	26 (22)d,e
No Response	0

What herbicides were used?

Authority XL (PRE)	2 (2)c
Cobra (POST)	2 (2)
Gramoxone + 2,4-D (PRE)	2 (2)b
Gramoxone + 2,4-D + Boundary (PRE)	1 (1)
Prefix (PRE)	1 (1)
Verdict + Zidua (PRE)	1

Glyphosate Products, Pre-mixes
and Tank Mixes:

Extreme (POST)	1 (1)e
Flexstar GT (POST)	5 (5)b
Flexstar GT + Warrant (POST)	1 (1)
Glyphosate + Authority (PRE)	2 (2)a
Glyphosate (POST)	7 (3)a
Glyphosate + Prefix (POST)	1
Gly-Star 4 + ThunderMaster + Dual (POST)	2 (2)d
Roundup* + Authority XL (PRE)	3 (3)
Roundup* + Authority XL + 2,4-D (PRE)	2 (2)
Roundup* + 2,4-D (PRE)	5 (5)
Roundup* + Boundary + Sharpen (PRE)	2 (2)b
Roundup* + Verdict (PRE)	6 (5)
Roundup* + Verdict + Canopy (PRE)	1 (1)
Roundup* (PRE + POST)	3 (3)
Roundup* (POST)	23 (23)
Roundup* (POST-twice)	2 (1)
Roundup* + Cadet (POST)	1 (1)
Roundup* + Classic (POST)	1 (1)
Roundup* + FirstRate (POST)	2 (2)
Roundup* + Marvel (POST)	1 (1)

(Continued on next page)

Sequence + Authority XL (PRE)	1 (1)
Touchdown* (POST)	3 (3)c
Touchdown* + Cadet (POST)	1 (1)
Touchdown* + Marvel (POST)	1 (1)
No response (herbicides not listed)	0

*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	James Sexton	Wayne	Pioneer P47T36R	20.43	33.64
Oil-2 nd Place	Donnie Greenwell	Union	So. States SS4700R2	20.27	34.09
Protein-1 st Place	S & S Farms	Wayne	Beck's 432NR	19.42	35.79
Protein-2 nd Place	Sparks Farms	Daviess	NK Brand S46-J6	18.31	35.65

II. Listing of all 40 entries

	<u>Name</u>	<u>County</u>	<u>Variety</u>	<u>% Oil</u>	<u>% Protein</u>
A. Division I (Single-crop)					
1.	Castlen Brothers Farms	Daviess	Pioneer 93Y84	19.8/2	33.79
2.	Castlen Brothers Farms	Daviess	Pioneer 93Y84	19.85	33.78
3.	Castlen Brothers Farms	Daviess	Pioneer 94Y23	19.33	33.45
4.	Sparks Farms	Daviess	NK Brand S46-J6	18.31	35.65
5.	PPJ Thompson Farms	Daviess	Asgrow AG4032	19.09	34.04
6.	Horn Family Farms	Daviess	Beck's 444NR	18.77	35.24
7.	Horn Family Farms	Daviess	Beck's 444NR	19.00	34.58
8.	Monty Parrish	Henderson	Remington Seed Bean	17.71	35.10
9.	Larry Parrish	Henderson	Remington Seed Bean	17.74	35.02
10.	Donnie Greenwell	Union	So. States SS4700R2	20.27	34.09
11.	Henshaw Brothers	Union	NK Brand S39-U2	18.87	34.47
12.	Henshaw Brothers	Union	NK Brand S39-U2	19.35	33.93
13.	Waller Brothers	Union	Dyna-Gro S47RXB3	19.19	34.29
14.	Waller Brothers	Union	Dyna-Gro S47RXB3	19.75	33.77
15.	Bill Gough	Union	Dyna-Gro 38RY45	19.49	34.55
16.	Bill Gough	Union	So. Cross Caleb	19.85	34.67
17.	Richard Leslie	Union	Dyna-Gro 38RY45	19.11	34.07
18.	Clay Divine	Union	Pioneer 94Y90	19.04	34.49
19.	Clay Divine	Union	Pioneer 94Y90	19.25	34.75
20.	Land O'Nan Farm (Adam O'Nan)	Union	Dyna-Gro V48N7RS	19.41	34.75
21.	Sam Moore Farms	Butler	Asgrow AG4005	18.11	35.06
22.	Caverndale Farms (Lee Welty)	Garrard	Caverndale CF486rr2y/sts	16.84	35.31
23.	Woodrum Brothers Farm	Casey	Asgrow AG4433	18.78	33.78
24.	Ginn-Cloverland Farm	Fleming	Asgrow ????	18.02	33.83
25.	Meadows Farms	Lewis	Stewart 4412R2	17.30	34.78

	<u>Name</u>	<u>County</u>	<u>Variety</u>	<u>Oil</u>	<u>% Protein</u>
26.	Meadows Farms	Lewis	Steyer 4401R2	17.80	34.73
27.	Meadows Farms	Lewis	Stewart 4412R2	17.66	34.18
28.	Meadows Farms	Lewis	Steyer 4401R2	17.84	34.97
29.	S & S Farms & Cool Creek Farms	Wayne	Beck's 432NR	19.42	35.79
30.	S & S Farms & Cool Creek Farms	Wayne	Beck's 432NR	19.22	35.58
31.	James Sexton	Wayne	Pioneer P47T36R	20.43	33.64
32.	James Sexton & Tim Dalton	Wayne	Asgrow AG4232	18.81	35.08
33.	James Sexton & Sherman York	Wayne	Asgrow AG4232	<u>19.19</u>	<u>34.01</u>
			Single-crop Avg.	18.87	34.52

B. Division II (Double-crop)

1.	PPJ Thompson Farms	Daviess	Beck's 477NR	18.22	32.79
2.	H & G Thomas Farms	Henderson	Dyna-Gro S47RY13	18.24	33.47
3.	Running T Farms	Union	Pioneer 94Y70	18.23	32.95
4.	Running T Farms	Union	Pioneer P47T36R	18.45	32.59
5.	Sprague Brothers Farms	Union	Remington Seed Bean	17.73	33.27
6.	Williams Farms	Wayne	Asgrow AG4632	17.03	35.17
7.	Williams Farms	Wayne	Asgrow AG4632	<u>18.04</u>	<u>34.77</u>

Double-crop Avg. 17.99 33.57

Grand Avg. (40 samples) **18.71 34.36**

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

BASF

Bayer Crop Science

Beck's Hybrids

Crop Production Services

DuPont

Dyna-Gro Seed

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BRONZE LEVEL