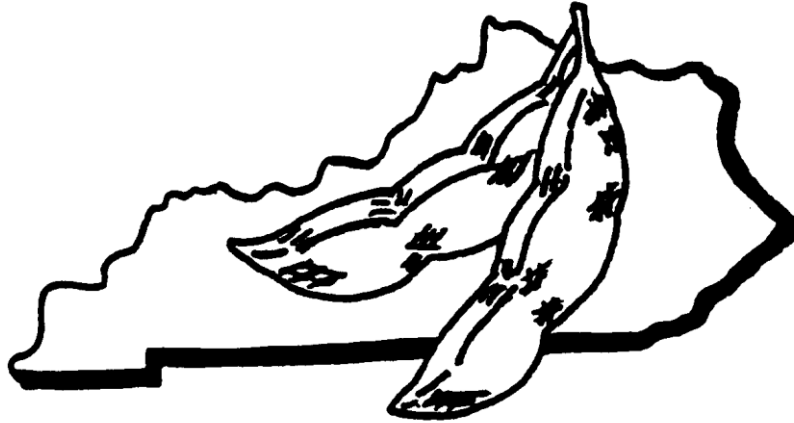


2012

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 18, 2013

2012 Kentucky Soybean Production Contest

Summary of Award Winners

Total yield entries completed - 92
 Div. I (Single-crop) - 81
 Div. II (Double-crop) - 11
 Soybean Quality Entries - 52
 Kentucky counties represented - 23

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	SB & J Fischer Farms	Daviess	Dyna-Gro 37P37	91.83
1st Place	I	Donald Poore	Cumberland	Beck's 432NR	91.20
2nd Place	I	Sterett & Paul Miles	Hopkins	Channel 4500R2	84.00
1st Place	II	Seldom Rest Farms	Simpson	Pioneer 94Y80	78.16
2nd Place	II	Clement Woodruff	Casey	Asgrow AG4832	67.17

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	II	Jed Clark	Graves	Asgrow AG4732	66.55
2	I	Castlen Brothers Farms	Daviess	Pioneer 93Y82	83.71
3	I	Basham Farms	Hopkins	Dyna-Gro 31RY45	78.17
4	I	Peterson Farms	Nelson	Stine 3900-2	82.03
5	I	"No Entries Received"			
6	I	Williams Farms	Mason	Asgrow AG4632	79.10

III. 60+ Bushel Club

	<u>Name</u>	<u>County</u>	<u>Variety</u>	<u>Yield (Bu/A)</u>
A.	Division I - Single-crop			
1.	SB & J Fischer Farms	Daviess	Dyna-Gro 37P37	91.83
2.	Donald Poore	Cumberland	Beck's 432NR	91.20
3.	SB & J Fischer Farms	Daviess	Dyan-Gro 37P37	90.82
4.	Sterett & Paul Miles	Hopkins	Channel 4500R2	84.00
5.	Castlen Brothers Farms	Daviess	Pioneer 93Y82	83.71
6.	Flatlick Farms/Scott Kuegal	Daviess	Pioneer 94Y70	83.65
7.	Donald Poore	Cumberland	Beck's 432NR	83.15
8.	Flatlick Farms/Brian Kuegal	Daviess	Dyna-Gro V47N8RR	82.66
9.	Stephen Farms	Daviess	Beck's 432NR	82.35
10.	Peterson Farms	Nelson	Stine 3900-2	82.03

11.	Tom & Nathan Howard	McLean	Dyna-Gro 38RY45	80.87
12.	Goetz Brothers Farms	Daviess	Beck's 362NR	80.00
13.	Donnie Greenwell	Union	So. States SS4700R2	79.78
14.	Bill Gough	Union	Dyna-Gro V48N7RS	79.12
15.	Williams Farms	Mason	Asgrow AG4632	79.10
16.	Donald Poore	Cumberland	Beck's 294NR	78.81
17.	Meadows Farms	Lewis	Steyer 4203R2	78.63
18.	PPJ Thompson Farms	Daviess	Pioneer 94Y70	78.24
19.	Basham Farms	Hopkins	Dyna-Gro 31RY45	78.17
20.	Woodrum Brothers	Casey	Asgrow AG4232	78.05
21.	Larry Krampe	Daviess	Croplan Gen. RC4755	77.99
22.	Karl Dawson	Henderson	Dyna-Gro 38RY45	77.48
23.	Castlen Brothers Farms	Daviess	Pioneer 94Y22	76.94
24.	Mickey D, LLC	Hopkins	Asgrow AG3832	76.88
25.	Phillip Baird	Union	Dyna-Gro V48N7RS	76.59
26.	Castlen Brothers Farms	Daviess	Pioneer 94Y22	76.43
27.	Castlen Brothers Farms	Daviess	Pioneer 93Y82	76.36
28.	Running T Farms	Union	Pioneer 94Y70	76.26
29.	Running T Farms	Union	Pioneer 94Y70	76.18
30.	Homestead Family Farms	Nelson	Dyna-Gro V47N8RR	75.60
31.	Running T Farms	Union	Pioneer 94Y70	75.52
32.	PPJ Thompson Farms	Daviess	Beck's 432NR	75.21
33.	Running T Farms	Union	Pioneer 94Y70	75.19
34.	Phillip Zoglmann	Daviess	Asgrow AG3832	75.06
35.	Neil Rudy Farms	Daviess	Dyna-Gro 37P37	74.81
36.	Malcolm Wheatley	Union	Dyna-Gro V48N7RS	74.37
37.	Andy Alford	Edmonson	NK Brand S49-A5	73.96
38.	Castlen Brothers Farms	Daviess	Pioneer 93Y82	73.95
39.	Meadows Farms	Lewis	Stewart 4212R2	73.93
40.	Tony & Keith McPherson	Daviess	Dyna-Gro 37P37	73.59
41.	Billy Ray	Henderson	Pioneer 94Y80	73.40
42.	Meredith Farms	Henderson	Asgrow AG3931	73.35
43.	Sprague Brothers Farms	Union	Pioneer 94Y22	73.08
44.	Tony & Keith McPherson	Daviess	Dyna-Gro 37P37	73.05
45.	Brent Williams	Bracken	Asgrow AG3931	72.53
46.	Peterson Farms	Nelson	Beck's 387N	72.44
47.	Morris Farms	Casey	Pioneer 94Y70	72.37
48.	Darrell Hagan Farms	Daviess	Beck's 294NR	71.78
49.	Mills Farms	Union	Armor 48-R40	71.00
50.	Waller Brothers	Union	Dyna-Gro 37P37	70.75
51.	Tapp Family Farms	Webster	Pioneer 92Y80	70.54
52.	Phillip Baird	Union	Dyna-Gro V48N7RS	70.40
53.	PPJ Thompson Farms	Daviess	Asgrow AG4232	69.74
54.	Eric Wilson	Barren	Asgrow AG4531	69.74
55.	James Sexton	Wayne	Asgrow AG4303	69.60
56.	Tony & Keith McPherson	Daviess	Asgrow AG3830	69.53
57.	Parrish Pride	Union	Asgrow AG3830	69.43

58.	Morris Farms	Casey	Pioneer 94Y50	69.33
59.	S + S Farms & Jones	Wayne	Beck's 432NR	69.03
60.	PPJ Thompson Farms	Daviess	Pioneer 94Y23	68.92
61.	Michael Buckman	Marion	Pioneer 94Y70	68.07
62.	King Farms	Henderson	Pioneer 94Y23	67.46
63.	Donnie Greenwell	Union	So. States SS4700R2	65.92
64.	Jeff Williams	Bracken	Asgrow AG3931	65.88
65.	Lowry Farms	Graves	Asgrow AG4832	65.36
66.	S + S Farms & Cool Creek Farms	Wayne	Beck's 495NR	64.66
67.	R. L. Read	Larue	NK Brand S46-A1	64.49
68.	Griffith Farms	Graves	Dyna-Gro 38RY28	64.11
69.	Bill Gough	Union	Dyna-Gro 38RY45	63.45
70.	Malcolm Wheatley	Union	Dyna-Gro 38RY45	63.39
71.	Mark Henderson	Fleming	Asgrow AG4632	63.32
72.	Horn Farms	Daviess	Beck's 398NR	60.98
73.	Horn Farms	Daviess	Beck's 398NR	60.56

B. Division II – Double-crop

1.	Seldom Rest Farms	Simpson	Pioneer 94Y80	78.16
2.	Clement Woodrum	Casey	Asgrow AG4832	67.17
3.	Jed Clark	Graves	Asgrow AG4732	66.55
4.	James Sexton	Wayne	Asgrow AG4303	66.34
5.	Blake Edwards Farms	Green	Asgrow AG4632	66.22
6.	Peterson Farms	Marion	Ebberts 3386	63.14

IV. County Agricultural Agent Awards

<u>Award</u>	<u>Agent</u>	<u>County</u>	Yield (Bu/A) or <u>(# Entries)</u>
1.	Agent with State Champion Entry	Clint Hardy	Daviess 91.83
2.	Agent with Top 3 Avg. Yield	Clint Hardy	Daviess 88.79
3.	Most Entries Submitted	Clint Hardy	Daviess (24)
4.	Submitted 3 or more entries (and did not receive one of the above awards)	Will Stallard	Casey (4)
		Greg Tompkins	Cumberland (3)
		Kenny Perry	Graves (4)
		Mike Smith	Henderson (4)
		Curtis Dame	Hopkins (3)
		Phillip Konopka	Lewis (4)
		Ron Bowman	Nelson (3)
		David Fourquarean	Trigg (3)
Rankin Powell	Union (18)		
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			
	Lowry Farms	Graves	Beck's 432NR	53.72
	Johnson Linder	Fulton	Pioneer 94Y70	53.02
	Seven Springs Farms	Trigg	Pioneer 93Y92	57.48
	Rickey Barber	Fleming	Asgrow AG3931	53.75
	Meadows Farms	Lewis	Stewart 4412R2	56.37
	Meadows Farms	Lewis	Stewart 4412R2	53.86
	S + S Farms & Cool Creek Farms	Wayne	Beck's 477NR	56.12
	S + S Farms & Cool Creek Farms	Wayne	Beck's 477NR	55.74
B.	Division II - Double-crop			
	Cundiff Farms	Trigg	Armor 47-R23	55.28
	Cundiff Farms	Trigg	Pioneer 94Y22	48.28
	Sprague Brothers Farms	Union	Remington Seed Bean	55.27
	Sprague Brothers Farms	Union	Remington Seed Bean	36.23
	Williams Farms	Wayne	Pioneer 94Y70	57.06

Summary of Cultural Practices

The information summarized below is from a questionnaire completed by each of the 92 yield contestant entries. A no response means the information was not provided by the contestant(s). The number in () represents the 79 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).

Germination of seed planted.

90% or more	60 (55)a,b,d,e
85-89%	16 (11)c
80-84%	2 (1)
<80%	0
No response	14 (12)

Was a seed treatment used?

Yes	66 (55)b,d,e
No	19 (18)a,c
No response	7 (6)

Did you inoculate your seed?

Yes	48 (39)b,d,e
No	38 (34)a,c
No response	6 (6)

What tillage system was used?

<u>Div. I (Single-crop):</u>	
Conventional	0
Minimum-till	31 (26)a,c
No-tillage	50 (47)b
No response	0
<u>Div. II (Double-crop):</u>	
Conventional	0
Minimum-till	0
No-tillage	11 (6)d,e
No response	0

What row width did you plant?

<u>Div. I (Single-crop):</u>	
Solid (B'cast)	0
6-10"	7 (7)
11-15"	65 (58)a,b,c
16-20"	4 (3)
21-29"	0
30"	4 (4)
31-40"	0
30" twin rows	1 (1)
No response	0
<u>Div. II (Double-crop):</u>	
6-10"	1 (1)
11-15"	10 (5)d,e
16-20"	0
21-29"	0
No response	0

What was your planting date?

<u>Div. I (Single-crop):</u>	
Before April 20	4 (3)
April 20-30	8 (8)b
May 1-10	25 (24)c
May 11-20	32 (30)a
May 21-31	9 (6)
June 1-10	2 (2)
June 11-20	1
June 21-30	0
No response	0
<u>Div. II (Double-crop):</u>	
May 21-31	3 (2)
June 1-10	6 (3)d,e
June 11-20	2 (1)
June 21-30	0
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	0
126,000 - 150,000	23 (23)b
151,000 - 175,000	52 (45)a,c
176,000 - 200,000	6 (5)
201,000 - 225,000	0
225,000 +	0
No response	0
<u>Division II (Double-crop):</u>	
< 125,000	0
126,000 - 150,000	3 (1)e
151,000 - 175,000	5 (2)d
176,000 - 200,000	2 (2)
201,000 - 225,000	1 (1)
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	39 (32)a,c,e	33 (26)a,c,e
1-40	5 (5)d	3 (3)d
41-80	41 (35)	29 (24)
81-120	6 (6)b	22 (21)b
120 +	1 (1)	5 (5)
Manure applied	0	0
No response	0	0

Was nitrogen applied?

Yes	35 (31)b
No	57 (48)a,c,d,e
Manure applied	0
No response or unknown	0

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

Corn	68 (64)a,b,c
Soybeans	9 (5)
CRP Land	1 (1)
Forage (Hay)	1 (1)
Pasture or Sod (grass)	1 (1)
Tobacco	1 (1)
No response	0

Div. II (Double-crop):

Wheat	10 (5)d,e
Barley	1 (1)
Canola	0
No response	0

Was a foliar fungicide used?

Yes	26 (24)a,c,d
No	66 (55)b,e
No response	0

Products used:

Headline	18 (16)a,c,d
Quadris	6 (6)
Quilt XL	1 (1)
Priaxor	1 (1)

Was an insecticide used?

Yes	47 (41)a,b,c,d
No	45 (38)e
No response	0

Products used:

Declare	2 (1)
Endigo	1 (1)
Hero	10 (8)
Lamda-Cy Gold	2 (2)
Laredo	1
Mustang Max	7 (5)
Mustang Max + Hero	1 (1)
Permistar	1 (1)
Tombstone	17 (17)a,c
Warrior	5 (5)b,d

Three most planted varieties of 43 used.

Pioneer 94Y70	10 (8)
Beck's 432NR	6 (5)b
Dyna-Gro 37P37	6 (6)a

What type of herbicide application did you use?

Preemergence (PRE)	7 (7)
PRE + Postemergence	55 (51)a,b,c,d
Postemergence (POST)	30 (21)e
No Response	0

What herbicides were used?

Authority Assist (PRE)	1 (1)
Authority First (PRE)	2 (2)
Authority XL (PRE)	7 (7)c
Authority XL + 2,4-D (PRE)	1 (1)
Authority XL + 2,4-D + Sharpen (PRE)	1 (1)
Basagran + Flexstar + Select (POST)	1 (1)
Canopy (PRE)	1 (1)
Classic + Flexstar + Select (POST)	2 (2)
Gramoxone (PRE)	1 (1)
Valor (PRE)	3 (3)b
Verdict (PRE)	3 (3)

Glyphosate Products, Pre-mixes
and Tank Mixes:

Extreme (POST)	3
Flexstar GT (POST)	6 (5)
Glyphosate + Authority First (PRE)	1 (1)
Glyphosate + 2,4-D (PRE)	2 (2)
Glyphosate + Sharpen (PRE)	1 (1)
Glyphosate (PRE + POST)	2 (2)
Glyphosate (POST)	7 (6)
Glyphosate + Buccaneer Plus (POST)	4 (2)
Glyphosate + FirstRate (POST)	1 (1)
Glyphosate + Poast (POST)	1 (1)
Mad Dog + Verdict (PRE)	4 (2)
Mad Dog (POST)	4 (2)
Roundup* (PRE)	2 (1)
Roundup* + Authority Extra (PRE)	1 (1)
Roundup* + Authority XL + Salvo (PRE)	3 (3)
Roundup* + Authority XL + 2,4-D (PRE)	1 (1)
Roundup* + Authority XL + Gramoxone (PRE)	1 (1)
Roundup* + 2,4-D (PRE)	4 (4)
Roundup* + Boundary + Sharpen (PRE)	3 (3)
Roundup* + Canopy (PRE)	3 (3)a
Roundup* + FirstRate (PRE)	3 (3)
Roundup* + FirstRate + Verdict (PRE)	1 (1)
Roundup* + Sharpen (PRE)	1
Roundup* + Sonic (PRE)	1 (1)

(Continued on next page)

Roundup* + Status (PRE)	1 (1)d
Roundup* (PRE + POST)	1 (1)
Roundup* (POST)	33 (30)a,c,d,e
Roundup* + Classic (POST)	1 (1)
Roundup* + FirstRate (POST)	6 (4)
Roundup* + FirstRate + Section (POST)	1 (1)
Roundup* + Pursuit (POST)	3 (3)b
ThunderMaster (PRE)	1 (1)
Touchdown* (PRE)	1 (1)
Touchdown* + Authority XL (PRE)	7 (7)
Touchdown* + Verdict (PRE)	2 (2)
Touchdown* (PRE + POST)	1 (1)
Touchdown* (POST)	11 (10)
Touchdown* + Cadet (POST)	2 (2)
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	Horn Farms	Daviess	Beck's 398NR	21.56	33.44
Oil-2 nd Place	King Farms	Henderson	Pioneer 94Y23	20.22	32.24
Protein-1 st Place	Blake Edwards Farms	Green	Asgrow AG4632	17.53	35.11
Protein-2 nd Place	Meadows Farms	Lewis	Stewart 4412R2	18.06	34.96

II. Listing of all 52 entries

	<u>Name</u>	<u>County</u>	<u>Variety</u>	<u>% Oil</u>	<u>% Protein</u>
A. Division I (Single-crop)					
1.	Jed Clark	Graves	Asgrow AG4732	18.11	34.41
2.	Horn Farms	Daviess	Beck's 398NR	20.77	32.95
3.	Horn Farms	Daviess	Beck's 398NR	21.56	33.44
4.	Tony & Keith McPherson	Daviess	Dyna-Gro 37P37	18.67	34.04
5.	Phillip Zoglmann	Daviess	Asgrow AG3832	19.62	32.66
6.	Karl Dawson	Henderson	Dyna-Gro 38RY45	17.71	34.02
7.	Billy Ray	Henderson	Pioneer 94Y80	19.16	32.92
8.	King Farms	Henderson	Pioneer 94Y23	20.22	32.24
9.	Donnie Greenwell	Union	So. States SS4700R2	17.84	33.77
10.	Donnie Greenwell	Union	So. States SS4700R2	18.35	32.86
11.	Bill Gough	Union	Dyna-Gro V48N7RS	20.12	32.51
12.	Bill Gough	Union	Dyna-Gro 38RY45	18.97	33.25
13.	Phillip Baird	Union	Dyna-Gro V48N7RS	19.41	31.73
14.	Phillip Baird	Union	Dyna-Gro V48N7RS	19.38	32.16
15.	Running T Farms	Union	Pioneer 94Y70	19.49	32.75
16.	Running T Farms	Union	Pioneer 94Y70	17.86	32.76
17.	Running T Farms	Union	Pioneer 94Y70	19.51	31.95
18.	Running T Farms	Union	Pioneer 94Y70	19.21	32.80
19.	Malcolm Wheatley	Union	Dyna-Gro V48N7RS	19.12	32.69
20.	Malcolm Wheatley	Union	Dyna-Gro 38RY45	19.48	33.10
21.	Sprague Brothers Farms	Union	Pioneer 94Y22	19.11	33.21
22.	Mills Farms	Union	Armor 48-R40	18.42	33.03
23.	Waller Brothers	Union	Dyna-Gro 37P37	18.96	32.89
24.	Parrish Pride	Union	Asgrow AG3830	19.91	33.41
25.	Seven Springs Farms	Trigg	Pioneer 93Y82	19.45	33.22

	<u>Name</u>	<u>County</u>	<u>Variety</u>	<u>% Oil</u>	<u>% Protein</u>
26.	R. L. Read	Larue	NK Brand S46-A1	19.53	32.48
27.	Michael Buckman	Marion	Pioneer 94Y70	19.32	33.44
28.	Brent Williams	Bracken	Asgrow AG3931	17.38	34.13
29.	Jeff Williams	Bracken	Asgrow AG3931	18.04	33.23
30.	Woodrum Brothers	Casey	Asgrow AG4232	18.68	33.01
31.	Morris Farms	Casey	Pioneer 94Y70	18.28	34.54
32.	Morris Farms	Casey	Pioneer 94Y50	17.92	33.53
33.	Mark Henderson	Fleming	Asgrow AG4632	18.93	33.81
34.	Rickey Barber	Fleming	Asgrow AG3931	18.29	33.79
35.	Meadows Farms	Lewis	Steyer 4203R2	18.15	34.37
36.	Meadows Farms	Lewis	Stewart 4212R2	19.18	32.81
37.	Meadows Farms	Lewis	Stewart 4412R2	18.15	33.51
38.	Meadows Farms	Lewis	Stewart 4412R2	18.06	34.96
39.	Williams Farms	Mason	Asgrow AG4632	18.23	33.79
40.	James Sexton	Wayne	Asgrow AG4303	18.84	33.92
41.	S + S Farms & Jones	Wayne	Beck's 432NR	19.23	34.30
42.	S + S Farms & Cool Creek Farms	Wayne	Beck's 495NR	18.84	34.48
43.	S + S Farms & Cool Creek Farms	Wayne	Beck's 477NR	18.70	31.92
44.	S + S Farms & Cool Creek Farms	Wayne	Beck's 477NR	18.54	32.40
			Single-crop Avg.	18.94	33.23
B. Division II (Double-crop)					
1.	Sprague Brothers Farms	Union	Remington Seed Bean	16.84	33.87
2.	Sprague Brothers Farms	Union	Remington Seed Bean	16.47	33.65
3.	Cundiff Farms	Trigg	Armor 47-R23	17.71	34.60
4.	Cundiff Farms	Trigg	Pioneer 94Y22	17.86	34.53
5.	Clement Woodrum	Casey	Asgrow AG4832	17.44	33.64
6.	Blake Edwards Farms	Green	Asgrow AG4632	17.53	35.11
7.	James Sexton	Wayne	Asgrow AG4303	18.61	34.61
8.	Williams Farms	Wayne	Pioneer 94Y70	17.71	33.96
			Double-crop Avg.	17.59	34.26
			Grand Avg. (52 samples)	18.27	33.75

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

Beck's Hybrids

Crop Production Services

DuPont

Dyna-Gro Seed

Farm Credit Services of Mid-America

FMC

Monsanto

Pioneer Hi-Bred International

Security Seed & Chemical

Syngenta

SILVER LEVEL

Agri-Chem

Southern States Cooperative

BRONZE LEVEL