







Soybean Yield Contests in Arkansas

In 1999, the Arkansas Soybean Association established a yield contest with prizes awarded to the top two or three producers in the state. Equipment dealers and various seed companies provided the prizes.

The Race for 100 Soybean Yield Contest was established in 2007 by the Arkansas Soybean Promotion Board with administration by the Arkansas Soybean Association as a challenge for Arkansas soybean producers in addition to the Arkansas Soybean Association's yield contest. With the support of the Arkansas Soybean Promotion Board, the Association's contest transitioned to the Grow for the Green Soybean Yield Challenge in 2011. The contests were established to share contestants' agronomic practices and methods of achieving high soybean yields in Arkansas.

In 2013, the 100-bushel barrier was broken by Matt Miles, Nelson Crow and Eddie Tackett. They became the original members of the Arkansas 100 Bushel Club. Since then, 33 soybean growers have surpassed the 100-bushel mark with eight growers yielding over 100 bu/ac multiple times. The record yield for the Grow for the Green Yield Challenge was achieved in 2021 when Neil Culp recorded a yield of 130.784 bu/ac.

In the following pages of the booklet are some of the important management practices these top soybean producers employed to obtain soybean grain yields that equal or exceed 60 bu/ac and often exceeding 90 or even 100 bu/ac. Typically, these same management practices are supported by the basic and applied research conducted by the University of Arkansas System Division of Agriculture's research scientists and extension specialists.

In 2022, no new growers reached the 100 bu/ac level. Three producers already in the 100 Bushel Club reached the 100-bushel goal again in 2022. These producers were Matt Miles for the eighth time with 122.884 bu/ac, Layne Miles for the fifth time with 122.301 bu/ac, and Sherrie Miles for the fourth time with 109.572 bu/ac.

For many GFTG producers, the 2022 cropping season started out better than the last two years due to drier conditions early in the season. During June and July, the lack of appreciable rainfall and warmer than normal temperatures reduced disease pressure and caused an increase in the number of irrigations events. Due to the drought, many producers obtained lower grain yields than were seen in previous years. The Arkansas GFTG Challenge encompasses seven geographical areas with differing soil textures and environmental conditions. This book contains the names of the top producing contestants by district. Again, some of the more common but not altogether exclusive production practices used by nearly all GFTG participants included April plantings, indeterminate MG IV varieties, fungicide applications, and timely irrigation events. GFTG producers work hard to ensure adequate drainage and irrigation capabilities. Commercial fertilizers and/or chicken litter were also common additions as well as outstanding pest control measures. Although the addition of corn into the rotation is credited by producers as a benefit in their quest to increase soybean yields, outstanding yields were obtained behind cotton, rice, and soybean. The results do not reflect the timeliness of management practices. Experience suggests that timely management practices are being applied to these soybean fields by the GFTG producers before the crop is subjected to significant yield decreasing stresses.

Acknowledgement

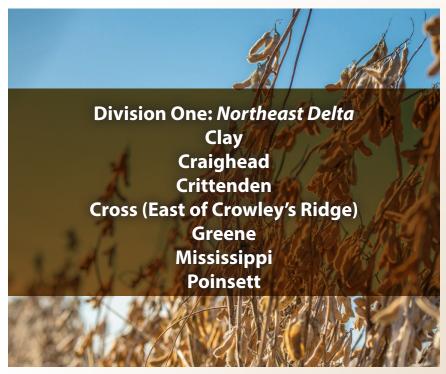
The Arkansas Grow for the Green Yield Challenge is funded with Arkansas soybean grower checkoff funds allocated by the Arkansas Soybean Promotion Board to be administered by the Arkansas Soybean Association. This program is indebted to the outstanding cooperation from faculty, county agents, and staff of the University of Arkansas System Division of Agriculture, Cooperative Extension Service with additional assistance from certified crop advisors, agriculture consultants, and others. In many instances the county extension faculty of the University of Arkansas System Division of Agriculture, as well as private consultants and other interested parties, worked closely with the producers to achieve the yields depicted in this booklet. Their assistance in yield verification is much appreciated.

Complete production information on all harvested entries will be made available on the websites of the Arkansas Soybean Promotion Board, **TheMiracleBean.com** and the Arkansas Soybean Association, **ArkansasSoybean.com**.

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Jeff Wells

Final Yield (bu/ac): 88.127

County: Greene

Variety: AgriGold 4620
Seed Trait: RR Dicamba
Previous Crop: corn, soy, corn
Seeding Rate/AC: 116,000
Planting Date: 5/2/22
Soil Type: Calhoun Silt Loam

Seed Treatment: Agri Gold

Treatment

Fertilizer: Chicken Litter (1 ton, 0-50-75 (220 units), 5/2/22 Row Spacing: 38" twin

Foliar Treatment: Max in Boron,

7/25/22

Pre-plant Herbicide: Outlook (12.8 oz), Roundup (1 qt) 5/6/22, Zidua (3 oz), Engenia (12.8 oz), 5/16/22

Pre-Emergence Herbicide: Post Emergence Herbicide:

Outlook (12.8 oz), Roundup (1 qt) 5/6/22, Zidua (3 oz), Engenia

(12.8 oz), 5/16/22

Insecticide: Grizzly (2 oz)

Fungicide: Priaxor (4 oz), Topaz

(4 oz), 7/25/22

Irrigation Method/Frequency:

Furrow 12 times

Harvest Aid:

Harvest Date: 10/6/22

Roger Reddick

Final Yield (bu/ac): 82,208

County: Greene

Variety: Pioneer P48A60X Seed Trait: RR, Dicamba Previous Crop: soy, soy, corn Seeding Rate/AC: 123,802 Planting Date: 5/10/22 Soil Type: Fountain Silt Loam

Seed Treatment: Pioneer PPST **Fertilizer:** 0-23-100 & 1# Boron,

4/3/22

Row Spacing: 38" Foliar treatment: Coron 10-0-10B (1 gal), 8/8/22

Pre-Plant Herbicide: Roundup PMax 2 (28 oz), Sterling Blue (12 oz), First Shot (.5 oz), 3/28/22 Pre-Emergence Herbicide: Post Emergence Herbicide:

Engenia (12.8 oz), Roundup PMax

3 (32 oz) - twice

Insecticide: Besiege (8 oz), 8/8/22 **Fungicide:** Miravis Top (13.7 oz),

8/8/22

Irrigation Method/Frequency: Furrow alternate row 2.5" 8 times

Harvest Aid:

Harvest Date: Furrow alternate

row 2.5" 8 times

Allen Griffin

County: Greene

Variety: Asgrow 47XF0
Seed Trait: RR, LL, Dicamba
Previous Crop: corn, soy, corn
Seeding Rate/AC: 125,000
Planting Date: 4/27/22
Soil Type: Askew Silt Loam
Seed Treatment: Cruiser Max
Fertilizer: Litter (4,000 lb),

10/15/21; 0-40-60 (100 lb each),

10/20/21

Row Spacing: 38" Foliar treatment: Pre-Plant Herbicide: Final Yield (bu/ac): 79.661

Pre-Emergence Herbicide: Boundary (1.5 pt), 4/27/22 Post Emergence Herbicide:

Engenia (12.8), 6/1/22

Insecticide:

Fungicide: Miravis Top (13.7 oz),

8/1/22

Irrigation Method/Frequency:

Furrow 8 times 2 acre/inch

Harvest Aid:

Harvest Date: 10/11/22

Casey Hook

County: Craighead

Variety: Agrigold 4620 RX

Seed Trait: Dicamba

Previous Crop: soy, soy, corn Seeding Rate/AC: 147,000 Planting Date: 4/10/22 Soil Type: Silt Loam

Seed Treatment: Agri Sheild Max,

Saltro

Fertilizer: 4/10/22 3-18-18 5 gal

Row Spacing: 38" twin
Foliar treatment: Bio-Forge

(16 oz), Smart Trio (62 oz), Onward

(12.8 oz), Biomate (8 oz)

Pre-Plant Herbicide: Anthem Max (4 oz), Gramoxone (32 oz) Pre-Emergence Herbicide: Post Emergence Herbicide: Anthem Max (4 oz), Select (16 oz)

Insecticide:

Fungicide: Priaxor (4 oz),

Reveytek (8 oz)

Irrigation Method/Frequency:

Furrow 16 times

Harvest Aid: Gramoxone (16 oz)

Harvest Date: 10/10/22







Zack Brown

Final Yield (bu/ac): 90.665

County: Clay

Variety: Pioneer P47A64X Seed Trait: Dicamba

Previous Crop: rice, soy, rice Seeding Rate/AC: 128,000

Planting Date: 3/17/22 **Soil Type:** Amagon Silt Loam

Seed Treatment: Pioneer Fertilizer: 12-40-10-1 (150 lb), 0-0-58-.5 B (150), 0-0-60 (100 lb)

Row Spacing: 30" Foliar treatment: **Pre-Plant Herbicide:** **Pre-Emergence Herbicide:**

Glyphosate (1 lb), Outlook (16 oz), 3/18/22

Post Emergence Herbicide:

Glyphosate (1 lb), Prefix (2 pt),

Zidua (2 oz)

Insecticide: Prevathon (8 oz), Lambda Cyhalothrin (2 oz)

Fungicide: Miravis Top (13.7 oz) **Irrigation Method/Frequency:**

6 times

Harvest Aid: Paraguat 9/5/22

Harvest Date: 9/19/22

Karl Garner

County: Cross

Variety: Pioneer P45A40LX

Seed Trait: X-Flex

Previous Crop: corn, soy, corn Seeding Rate/AC: 105,000 Planting Date: 4/26/22

Soil Type:

Seed Treatment:

Fertilizer: 0-18-36 300 lb, 4/9/22

Row Spacing: 30" Foliar treatment: Pre-Plant Herbicide:

Pre-Emergence Herbicide:

Boundary, 4/29/22

Post Emergence Herbicide:

Liberty (1 qt), Round up (1 qt),

Zidua (3 oz), 5/16/22 **Insecticide:** Besiege **Fungicide:** Zidua

Irrigation Method/Frequency: Furrow 5/31, 6/7, 6/16, 7/12, 7/31,

8/6

Harvest Aid: Gramoxone (32 oz),

9/18/22

Harvest Date: 9/27/22

Judd Cunningham

Variety: Poinsett
Variety: Becks 4885
Seed Trait: X-Flex, RR LL
Previous Crop: rice, soy, rice
Seeding Rate/AC: 125,000

Soil Type:

Seed Treatment: Becks **Fertilizer:** 0-69-90 Aspire on

Planting Date: 5/14/22

5/12/22

Row Spacing: 7.5"
Foliar treatment:
Pre-Plant Herbicide:

Final Yield (bu/ac): 76.289

Pre-Emergence Herbicide: Boundary (2 pt), 5/14/22 Post Emergence Herbicide:

Liberty (32 oz), Select (8 oz), Permit (1 oz), 6/20/22

Insecticide: Besiege (8 oz), 8/1/22

Fungicide: Miravis Top 13.7

8/1/22

Irrigation Method/Frequency:

Row 6/20, 8/27 Harvest Aid:

Harvest Date: 10/5/22



Richard Walker

Final Yield (bu/ac): 88.011

County: Jackson

Variety: Pioneer P49A41L

Seed Trait: LL

Previous Crop: corn, soy, corn Seeding Rate/AC: 120,000 Planting Date: 5/18/22

Soil Turner

Soil Type:

Seed Treatment: LumiGen

Fertilizer: Chicken Litter (2 tons), 2/2/22; Aspire (100 lb), 5/17/22

Row Spacing: 30"/

Foliar treatment: Crop Karb (1 qt), MicroVite (1 qt), Ascend SL (6 oz), 7/22

Pre-Plant Herbicide: Roundup

(40 oz), 2/22

Pre-Emergence Herbicide: Zidua (3.25 oz), Metribuzin (5 oz), 5/22 Post Emergence Herbicide:

Liberty (32 oz), Metolachlor (1.33 pt), 6/22 Liberty (32 oz), Warrant

(3 pt), 5/22

Insecticide: Besiege (8 oz),

8/17/22

Fungicide: Miravis Top (13.7 oz),

7/22

Irrigation Method/Frequency: Harvest Aid: Gramoxone (11 oz)

Harvest Date: 10/10/22

Greg King, John Walker & Rob Walker Final Yield (bu/ac): 84.482

County: Jackson

Variety: Pioneer P49A41L

Seed Trait: LL

Previous Crop: corn, soy, corn Seeding Rate/AC: 120,000 Planting Date: 5/18/22

Soil Type:

Seed Treatment: Lumigen

Fertilizer: Chicken Litter (2 tons), 5/17/22 Aspire (100 lb), 2/22

Row Spacing: 30"

Foliar treatment: Crop Karb (1 qt), MicroVite (1 qt), Ascend SL

(6 oz), 7/22

Pre-Plant Herbicide: Roundup

(40 oz), 2/22

Pre-Emergence Herbicide: Zidua (3.25 oz), Metribuzin (5 oz), 5/22 Post Emergence Herbicide: Liberty (32 oz), Metolachlor (1.33 pt), 6/22 Liberty (32 oz), Warrant (3 pt), 5/22

Insecticide: Besiege (8 oz),

8/17/22

Fungicide: Miravis Top (13.7 oz),

7/22

Irrigation Method/Frequency: Harvest Aid: Gramoxone (11 oz)

Harvest Date: 10/11/22

Jerry Fuller

County: Monroe

Variety: Pioneer P46A20LX Seed Trait: LL Dicamba

Previous Crop: corn, soy, corn Seeding Rate/AC: 130,000

Planting Date: 5/13/22
Soil Type: Foley Silt Loam
Seed Treatment: Cruiser Max

(3.22 ox), Vibrance (3.22 oz), MicroSurge Liquid (4.25 ox)

Fertilizer: P (66 lb), K (274 lb), MG (420 lb), CA (2116 lb), S (10 lb),

(420 lb), CA (2116 lb), S (10 lb), MN (304 lb), FC (394 lb), 5/22/22

Row Spacing: 7.5"

Final Yield (bu/ac): 74.053

Foliar treatment:

Pre-Plant Herbicide: PowerMax (22 oz), Dicamba (8 oz), 4/4/22 **Pre-Emergence Herbicide:** PowerMax (22 oz), Zidua (3.2 oz),

5/13

Post Emergence Herbicide:

Liberty (36 oz), Dicamba (1.2 pt),

6/1/22

Insecticide: Besiege (8 oz), 7/15

Fungicide:

Irrigation Method/Frequency:

Furrow 6/15, 7/2, 7/12, 7/28 **Harvest Aid:** Gramoxone (12 oz),

9/7/22

Harvest Date: 9/23/22



Taylor Burdett

Final Yield (bu/ac): 99.752

County: Arkansas

Variety: Pioneer P44A21X Seed Trait: RR Extend Previous Crop: soybean,

soybean, corn

Seeding Rate/AC: 130,000 Planting Date: 4/27/22 Soil Type: Silt Loam Seed Treatment: Revise Fertilizer: split application/

preplant & R-3 Row Spacing: 30" Foliar treatment: Pre-Plant Herbicide:

Pre-Emergence Herbicide: Zidua

(2.5 oz), 4/29/22

Post Emergence Herbicide: Envy

Intense (32 oz), Fomesafen (16 oz), Zidua (3.25 oz), 6/5/22

Insecticide:

Fungicide: Revytek (8 oz),

6/30/22

Irrigation Method/Frequency: Furrow every 10 days, 6 times

total

Harvest Aid: Parashot 3.0

(10.7 oz), 9/2/22

Harvest Date: 9/19/22

David Strohl

Final Yield (bu/ac): 89.927

County: Prairie

Variety: Dyna-Gro S45es10 Seed Trait: RR, LL, Extend Previous Crop: soybean, corn,

corn

Seeding Rate/AC: 140,000 Planting Date: 5/24/22 Soil Type: DeWitt Silt Loam Seed Treatment: Equity VIP

3 oz/100

Fertilizer: 12-40-0-10 15 lb, 4/30/22; 0-0-60 (225 lb), 4/20/22

Row Spacing: 30" Foliar treatment: Pre-Plant Herbicide: **Pre-Emergence Herbicide:** Intimidator (40 oz), 5/25/22

Post Emergence Herbicide:

Roundup PowerMax (30 oz), Liberty (32 oz), Zidua (3.25 oz),

6/15/22

Insecticide: Besiege (8 oz), 7/7/22 **Fungicide**: Miravis Top (13.7 oz),

7/7/22

Irrigation Method/Frequency: Furrow 6/23, 7/5, 7/14, 7/25, 8/3,

8/12, 8/21, 8/30

Harvest Aid: Gramoxone 3 sl ,11.7 oz, 9/14/22 **Harvest Date:** 9/29/22





Blake Culp

Final Yield (bu/ac): 97.081

County: Phillips

Variety: Asgrow 48X9 Seed Trait: Dicamba

Previous Crop: soy, rice, soy Seeding Rate/AC: 130,000 Planting Date: 4/11/22 Soil Type: Silt Loam Seed Treatment: Cruiser

Complete

Fertilizer: Carbon Complete (4 gal), 4/8/22; Carbon Sulfur (1 gal), 4/22/22; Carbon K (3 qts),

5/10/22

Row Spacing: 30" Foliar treatment:

Pre-Plant Herbicide: Roundup

(32 oz), Dicamba (16 oz), 3/3/22 **Pre-Emergence Herbicide:** Intimidator (48 oz), 4/11/22 **Post Emergence Herbicide:** Roundup (32 oz), Tavium (56 oz),

4/22/22

Insecticide: Bifenthrin (5 oz),

5/10/22

Fungicide: Miravis Top (13.7 oz),

5/10/22

Irrigation Method/Frequency:

Furrow 4 times

Harvest Aid: Gramoxone (16 oz),

9/2/22

Harvest Date: 9/12/22

Leonard Rohrscheib

Final Yield (bu/ac): 93.843

County: Phillips

Variety: Asgrow 48XF0
Seed Trait: RR, LL, Dicamba
Previous Crop: corn, soy, corn
Seeding Rate/AC: 160,000
Planting Date: 4/20/22
Soil Type: Silt Loam
Seed Treatment: Vibrance

Fertilizer: Potash (200 lb),

3/15/22

Row Spacing: 7.5" Foliar treatment:

Pre-Plant Herbicide: Gramoxone

(32 oz), 4/10/22

Pre-Emergence Herbicide: Gramoxone (32 oz), 4/10/22 Post Emergence Herbicide:

Tavium (57 oz), 5/25/22 **Insecticide:** Besiege (8 oz),

6/15/22

Fungicide: Miravis Top (13.6 oz),

6/15/22

Irrigation Method/Frequency:

Furrow 7 times Harvest Aid:

Harvest Date: 9/21/22

Leonard Rohrscheib Jr

Final Yield (bu/ac): 91.759

County: Phillips

Variety: Asgrow 48XF0
Seed Trait: RR, LL, Dicamba
Previous Crop: soy, corn, corn
Seeding Rate/AC: 150,000

Planting Date: Soil Type:

Seed Treatment: Cruiser Max,

Maxx Vibrance Fertilizer: FGS 3 gal Row Spacing: 7.5" Foliar treatment:

Pre-Plant Herbicide: First shot (.5 oz), 2,4-D (24 oz), Round up

(32 oz)

Pre-Emergence Herbicide:

Boundary (32 oz)

Post Emergence Herbicide:

Roundup (32 oz), Prefix (32 oz), Engenia (12.8 oz), Select Max

(16 oz)

Insecticide: Besiege (8 oz)
Fungicide: Miravis Top (13.6 oz)
Irrigation Method/Frequency:

Harvest Aid:

Harvest Date: 9/7/22

County: Phillips

Variety: Asgrow 48XF0
Seed Trait: RR, LL, Dicamba
Previous Crop: soy, corn, soy
Seeding Rate/AC: 160,000
Planting Date: 4/18/22
Soil Type: Silt Loam

Seed Treatment: Vibrance Fertilizer: Potash (200 lb),

3/15/22

Row Spacing: 7.5" Foliar treatment:

Pre-Plant Herbicide: Gramoxone

(32 oz), 4/8/22

Pre-Emergence Herbicide: Boundary (1 gt), 4/20/22

Post Emergence Herbicide:

Tavium (57 oz) 5/24/22 **Insecticide:** Beseige (8 oz),

6/15/22

Fungicide: Miravis Top (13.6 oz),

6/15/22

Irrigation Method/Frequency:

Furrow 6 times Harvest Aid:

Harvest Date: 9/22/22





No results in this division.



Blake Mans

Final Yield (bu/ac): 82.440

County: Yell

Variety: Pioneer P48A14e

Seed Trait: Enlist

Previous Crop: corn, soy, corn Seeding Rate/AC: 140,000 Planting Date: 4/29/22 Soil Type: Silt Loam Seed Treatment:

Fertilizer: 4/15/22 2-ton Chicken

Litter

Row Spacing: 30" **Foliar treatment:**

Pre-Plant Herbicide: Roundup

(1 qt), 2, 4 D (1 qt)

Pre-Emergence Herbicide:

Boundary (32 oz), Gramoxone

(32 oz)

Post Emergence Herbicide:

Round up (32 oz), Enlist (32 oz),

Dual (1 pt)
Insecticide:
Fungicide:

Irrigation Method/Frequency:

Furrow 9 times

Harvest Aid: Gramoxone (32 oz)

Harvest Date: 9/29/22

Ronnie Cross

Final Yield (bu/ac): 73.846

County: Yell

Variety: Pioneer P44A91

Seed Trait: RR LL

Previous Crop: corn, soy, corn Seeding Rate/AC: 135,000 Planting Date: 5/12/22 Soil Type: Silt Loam

Seed Treatment: Delt Ag Seed

(1 oz)

Fertilizer: Turkey Litter 2 tons/a,

4/8/22

Row Spacing: 30" Foliar treatment:

Pre-Plant Herbicide: Dual (1 pt),

Paraquat (1 qt), 5/11

Pre-Emergence Herbicide: Post Emergence Herbicide:Roundup (32 oz), Enlist (32 oz),

6/17/22 **Insecticide:**

Fungicide: Quadris (6 oz),

7/18/22

Irrigation Method/Frequency: Row 6/12, 6/25, 7/1, 7/12, 7/21

Harvest Aid:

Harvest Date: 10/6/22

James Gregory

County: Conway

Variety: Pioneer P47T39

Seed Trait: E3

Previous Crop: corn, soy, corn Seeding Rate/AC: 160,000 Planting Date: 6/17/22 Soil Type: Roxanna Silt Loam Seed Treatment: Pioneer

Treatment **Fertilizer:**

Row Spacing: 7.5"
Foliar treatment:

Final Yield (bu/ac): 65.033

Pre-Plant Herbicide:

Gramoxone, Valor, Metribuzin,

6/16/22

Pre-Emergence Herbicide: Post Emergence Herbicide: Enlist one, Round-Up, 7/1/22

Insecticide: Fungicide:

Irrigation Method/Frequency:

Pivot, 7 times, 3/4"

Harvest Aid:

Harvest Date: 10/24/22



Riley Stephens

Final Yield (bu/ac): 84.519

County: Cross

Variety: Virtue 4520

Seed Trait:

Previous Crop: corn, soy, corn Seeding Rate/AC: 118,000 Planting Date: 4/26/22 Soil Type: Calloway Silt Loam Seed Treatment: Seed Shield

Max 1.4 oz

Fertilizer: Litter (1.5 ton),

10/14/22, Aspire (100 lb), 3/17/22

Row Spacing: 1.5"

Foliar treatment:

Pre-Plant Herbicide: PowerMax (24 oz), First Rate (.5 oz), Fire-Zone

(16 oz), 3/16/22

Pre-Emergence Herbicide:

Outlook (5 oz), Verdict (8 oz), Roundup (24 oz), 4/29/22

Post Emergence Herbicide:

Prefix (2.25 pt), 6/3/22, First Rate (.3 oz), Python (.125 oz), 6/21/22 **Insecticide:** Besiege (8 oz), 7/8/22 Fungicide: Miravis Top (13.7 oz),

7/8/22

Irrigation Method/Frequency:

7/1, 8/1, 8/25, 9/3

Harvest Aid: Gramoxone (12 oz),

9/19/22

Harvest Date: 9/27/22

Jake Hunter Stephens

Final Yield (bu/ac): 84.298

County: Cross

Variety: Virtue 4520

Seed Trait:

Previous Crop: corn, soy, corn Seeding Rate/AC: 118000 Planting Date: 4/29/22 Soil Type: Calloway Silt Loam Seed Treatment: Seed Shield

Max

Fertilizer: Litter (1.5 ton),

10/14/21, Aspire (100 lb), 3/17/22

Row Spacing: 1.5" Foliar treatment: Pre-Plant Herbicide: **Pre-Emergence Herbicide:**

Outlook (5 oz), Verdict (8 oz), Roundup (24 oz), 4/29/22

Post Emergence Herbicide:

Prefix (2.25 pt), 6/3/22

Insecticide: Besiege (8 oz), 7/8/22 **Fungicide:** Miravis Top (13.7 oz),

7/8/22

Irrigation Method/Frequency:

Furrow 6/22, 7/11, 8/5, 9/4 **Harvest Aid:** Gramoxone 12 oz

9/19/22

Harvest Date: 9/29/22

John R Stephens

County: Cross

Variety: Virtue 4520

Seed Trait:

Previous Crop: corn, soy, corn Seeding Rate/AC: 106,000 Planting Date: 4/29/22 Soil Type: Crowley/Henry Silt

Loam

Seed Treatment: Seed Shield

Max

Fertilizer: Litter 1.5 ton, 10/14/21,

Aspire (100 lb), 3/29/22 **Row Spacing:** 1.5"

Foliar treatment:

Pre-Plant Herbicide: PowerMax (24 oz), FirstRate (.3 oz), Fire-Zone

(16 oz), 4/4/22

Final Yield (bu/ac): 82.312

Pre-Emergence Herbicide:

Outlook (5 oz), Verdict (8 oz), Roundup (24 oz), 4/30/22

Post Emergence Herbicide: Prefix (2.25 pt), Select (8 oz),

FirstRate (.3 oz), 6/3/22 Insecticide: Besiege (8 oz),

7/11/22

Fungicide: Miravis Top 13.7 oz

7//11/22

Irrigation Method/Frequency:

Furrow 6/16, 7/2, 8/8, 9/1

Harvest Aid: Gramoxone (12 oz),

9/9/22

Harvest Date: 9/29/22



Retha Stephens

Final Yield (bu/ac): 72.784

County: Cross

Variety: Virtue 4520 Seed Trait: 118,000

Previous Crop: corn, soy, corn Seeding Rate/AC: 118,000 Planting Date: 4/28/22 Soil Type: Henry Silt Loam Seed Treatment: Seed Shield

Max

Fertilizer: 1.5-ton Chicken Litter, 10/14/21, 100 lb Aspire, 4/9/22

Row Spacing: 30" Foliar treatment:

Pre-Plant Herbicide: PowerMax (24 oz), Firstshot (.5 oz), Fire-Zone

(16 oz), 3/16/22

Pre-Emergence Herbicide: Outlook (5 oz), Verdict (8 oz), Roundup (24 oz), 4/29/22 Post Emergence Herbicide:

Prefix (2.25 pt), Select (8 oz), 6/3/22; Classic (.5 oz), HSMOC

(4 oz), 6/22/22 Insecticide:

Fungicide: Biohealth (32 oz), Sweet Success (16 oz), 7/12/22 Irrigation Method/Frequency: Furrow on 6/25, 7/5, 7/16, 8/30

Harvest Aid:

Harvest Date: 9/29/22

Dennis Stephens

Final Yield (bu/ac): 66.705

County: Cross

Variety: Virtue 4520

Seed Trait:

Previous Crop: corn, soy, corn **Seeding Rate/AC:** 140,000 **Planting Date:** 5/19/22

Soil Type: Arklabutla Silt Loam

Seed Treatment:

Fertilizer: 1.5-ton Chick Litter, 11/10/21; Aspire (100 lb), 3/28/22

Row Spacing: 15" Foliar treatment:

Pre-Plant Herbicide: Zidua

(3 oz), 5/20/22

Pre-Emergence Herbicide: Prefix (2.25), First Rate (.3 oz),

6/16/22: 6/27/22

Insecticide: Besiege (8 oz), 8/3/22 **Fungicide:** Miravis Top (13.7 oz),

8/3/22

Irrigation Method/Frequency: Furrow on 6/15, 7/11, 8/20, 9/4

Harvest Aid:

Harvest Date: 10/20/22



Matt Miles

Final Yield (bu/ac): 122.884

County: Ashley

Variety: Asgrow 46X0

Seed Trait: XtendRR Dicamba **Previous Crop:** corn, soy, corn

Seeding Rate/AC: corn, soy, corn

Planting Date: 4/21/22 Soil Type: Loamy Sand

Seed Treatment: Seed Shield Fertilizer: Fall 21, 1.5 ton Chicken

Litter

Row Spacing: 38" Foliar treatment:

Pre-Plant Herbicide: Latigo (16 oz), Elevor (.5 oz), Glyphosate

(30 oz), Clethodim (13 oz), 12/28/21

Pre-Emergence Herbicide: Paraquat (32 oz), Boundary

(1.5 pt), 4/21/2022

Post Emergence Herbicide:

ExtendiMax (22 oz), Roundup (25.6 oz), Shield (2), 5/30/2022 **Insecticide:** Miravis Top (13.6

oz), Copper (4 oz), PGR (13.8 oz), Total 10 (1 gal), Micro pack (32

oz), Carbon (32 oz), Sugar (10 oz), Boron (1 lb), 6/14/22

Fungicide: Bifen (6.4 oz), Acephate (.8 lb), 8/15/22

Irrigation Method/Frequency:

Furrow 7 times, 2 in each Harvest Aid: 9/1/22 Paraquat

(16 oz) Oil (.25%)

Harvest Date: 9/20/22

County: Ashley

Variety: Asgrow 46X0

Seed Trait: XtendRR Dicamba **Previous Crop:** corn, soy, corn **Seeding Rate/AC:** corn, soy, corn

Planting Date: 4/21/22 Soil Type: Loamy Sand

Seed Treatment: Seed Shield **Fertilizer:** Fall 21, 1.5-ton Chicken

Litter

Row Spacing: 38" Foliar treatment:

Pre-Plant Herbicide: Latigo (16 oz), Elevor (.5 oz), Glyphosate (30 oz), Clethodim (13 oz),

12/28/21

Pre-Emergence Herbicide:

Paraquat (32 oz), Boundary (1.5 pt), 4/21/2022

Post Emergence Herbicide:

ExtendiMax (22 oz), Roundup (25.6 oz), Shield (2 oz), 5/30/2022 **Insecticide:** Miravis Top (13.6 oz), Copper (4 oz), PGR (13.8 oz),

Oz), Copper (4 Oz), FGR (13.8 Oz), Total 10 (1 Gal), Micro pack (32 oz), Carbon (32 oz), Sugar (10 oz), Boron (1 lb), 6/14/22

Fungicide: Bifen (6.4 oz), Acephate (.8 lb), 8/15/22

Irrigation Method/Frequency:

Furrow 7 times, 2 in each

Harvest Aid: Paraquat (16 oz) Oil

(.25%), 9/1/22

Harvest Date: 9/20/22

Sherrie Miles

County: Ashley

Variety: Agrigold 4620X Seed Trait: RR, Dicamba

Previous Crop: corn, soy, corn **Seeding Rate/AC**: corn, soy, corn

Planting Date: 4/21/22 Soil Type: Loamy Sand

Seed Treatment: Agrigold from

factory

Fertilizer: Fall 21, 1.5-ton Chicken

Litter

Row Spacing: 38" Foliar treatment:

Pre-Plant Herbicide: Latigo (16 oz), Elevor (.5 oz), Glyphosate (30 oz), Clethodim (13 oz),

12/28/21

Final Yield (bu/ac): 109.572

Pre-Emergence Herbicide:

Paraquat (32 oz), Boundary

(1.5 pt), 4/21/2022

Post Emergence Herbicide:

ExtendiMax (22 oz), Roundup (25.6 oz), Shield (2 oz), 5/30/2022

Insecticide: Miravis Top (13.6 oz), Copper (4 oz), PGR (13.8 oz), Total 10 (1 gal), Micro pack (32 oz), Carbon (32 oz), Sugar (10 oz),

Boron (1 lb), 6/14/22 **Fungicide:** Bifen (6.4 oz), Acephate (.8 lb), 8/15/22

Irrigation Method/Frequency:

Furrow 7 times, 2 in each

Harvest Aid: Paraquat (16 oz), Oil

(.25%), 9/1/22

Harvest Date: 9/21/22

County: Phillips

Variety: Asgrow 48X9 **Seed Trait:** Dicamba

Previous Crop: soy, cotton, soy Seeding Rate/AC: 130,000 Planting Date: 4/9/22

Soil Type:

Seed Treatment: Cruiser Max

complete

Fertilizer: Carbon Complete (4 gal), 4/8/22, Carbon Sulfur (1 gal), 4/22/22, Carbon K 3 (qt), 5/10/22

Row Spacing: 30" Foliar treatment:

Pre-Plant Herbicide: Round up

(32 oz), Dicamba (3/3/22)

Pre-Emergence Herbicide:

Intimidator (48 oz), 4/11

Post Emergence Herbicide: Roundup (32 oz), Tavium (56 oz)

4/22/22

Insecticide: Bifenthrin (5 oz),

5/10/22

Fungicide: Miravis Top (13 oz),

5/10/22

Irrigation Method/Frequency:

Furrow 4 times

Harvest Aid: Gramoxone (16 oz),

9/2/22

Harvest Date: 9/14/22

Blake and Kent Bennett

County: Randolph **Variety:** Pioneer P49A41

Seed Trait: LL

Previous Crop: soy, rice, soy Seeding Rate/AC: 120,000 Planting Date: 4/27/22 Soil Type: Bosket Fine Sandy

Loam

Seed Treatment: My Yield FX3i **Fertilizer:** Variable rate 0-46-0,

0-0-60 Trivar, 3/16/22 Row Spacing: 30" Foliar treatment:

Pre-Plant Herbicide: Boundary

(1.75 pt), 3/21/22

Final Yield (bu/ac): 90.327

Pre-Emergence Herbicide: Post Emergence Herbicide:

Liberty (32 oz), Weather Master (8 oz), Select 2E (12 oz), Zidua (40 oz), 5/23/22; Liberty (40 oz), Quest (6.4 oz), Select 2E (12 oz), 6/4/22 Insecticide: Lambda Cy (4 oz),

7/18/22

Fungicide: Quadris Top SBX (8 oz), 80/20 (3.2 oz), 7/18/22 Irrigation Method/Frequency:

Furrow 11 times

Harvest Aid: Gramoxone (16 oz),

9/23/22

Harvest Date: 10/10/22

Linwood Wells

Final Yield (bu/ac): 82.919

County: Greene

Variety: Pioneer P48A60
Seed Trait: Dicamba, RR
Previous Crop: corn, soy, corn
Seeding Rate/AC: 116,000
Planting Date: 5/4/22
Soil Type: Fountain Silt Loam

treatment

Fertilizer: 0-0-75 115 units 5/4/22, Chicken Litter 1 ton

Seed Treatment: Pioneer

5/1/22

Row Spacing: 38"Twin

Foliar treatment: Max-In Boron

(1 pt), 7/25/22

Pre-Plant Herbicide: Sharpen (1 oz), Round up (1 qt), Destiny (1%), 3/21/22

Pre-Emergence Herbicide: Post Emergence Herbicide:

Outlook (12.8 oz), Roundup (1 qt), Zidua (3 oz) 5/6/22, Engenia (12.8

oz), 5/16/22

Insecticide: Grizzly (2 oz), 7/25/22 **Fungicide:** Priaxor (4 oz), Topaz (4

oz), 7/25/22

Irrigation Method/Frequency:

Furrow 12 times
Harvest Aid:

Harvest Date: 10/10/22

Tim Fisher

Final Yield (bu/ac): 78.549

County: Cross

Variety: Pioneer P45A40LX Seed Trait: Extend flex Previous Crop: soy,corn, soy Seeding Rate/AC: 125,000 Planting Date: 4/29/22

Soil Type:

Seed Treatment:

Fertilizer: 200 K, 100 DAP, 4/22/22; 2 gal 20/20 NP, 1 gal K 1616, 4/29/22; Cal Bor 1 qt,

6/20/22

Row Spacing: 30"
Foliar treatment: 1 gal

7/20/22

Pre-Plant Herbicide:

Pre-Emergence Herbicide:

Verdict (5 oz), 4/29/22

Post Emergence Herbicide:

Liberty & Select qt & 8 oz, 5/12/22, 5/19/22

3/12/22, 3/19/22

Insecticide: Besiege (8 oz),

7/20/22

Fungicide: Miravis Top (13 oz),

7/20/22

Irrigation Method/Frequency: Furrow 2 in, 6/20, 7/3, 7/17, 7/31,

8/6

Harvest Aid: Gramoxone (16 oz),

8/24/22

Harvest Date: 8/24/22

Brandon Cain

Final Yield (bu/ac): 73.489

County: White

Variety: Asgrow48X9 **Seed Trait:** Dicamba

Previous Crop: corn, soy, corn Seeding Rate/AC: 120,000 Planting Date: 3/29/22 Soil Type: Calloway Silt Loam Seed Treatment: Cruiser Max

Vibrance

Fertilizer: 3-ton Chicken Litter,

3/28/22

Row Spacing: 30" Foliar treatment: Pre-Plant Herbicide: PowerMax 3 (29 oz), Dicamba (10 oz), 2/29
Pre-Emergence Herbicide:

Post Emergence Herbicide: PowerMax 3 (23 oz), Engenia (13 oz), Anthem Max (5 oz), 5/25/22

Insecticide: Fungicide:

Irrigation Method/Frequency:

Furrow 5 times

Harvest Aid: Paraquat (19 oz),

9/10/22

Harvest Date: 9/26/22

Ronnie Ragsdell

County: Lawrence **Variety:** DynaGro 46XF31

Seed Trait: Extend

Previous Crop: soybean, rice, rice

Seeding Rate/AC: 130,000

Planting Date:

Soil Type: Loamy Sand Seed Treatment: Cruiser Fertilizer: 0-0-48 200 lb/a on

5/10/22

Row Spacing: 30" Foliar treatment:

Pre-Plant Herbicide: Boundary

(1.5 pt), 5/10/22

Final Yield (bu/ac): 66.947

Pre-Emergence Herbicide: Post Emergence Herbicide:

Liberty (35) & Roundup (32) on 7/2/22, Liberty (40) & Clethodim

(8) on 7/20/22 Insecticide:

Fungicide:

Irrigation Method/Frequency:

Furrow on 7/15, 7/26, 8/4

Harvest Aid: Harvest Date:





This board, with a goal of improving the sustainability and profitability of the soybean industry in Arkansas, is responsible for distributing funds from the checkoff. Funds are used primarily for research and Extension projects conducted by the University of Arkansas System Division of Agriculture's Experiment Station and Cooperative Extension Service.

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