

2017

Grow for the Green Soybean Yield Challenge



Harvest Results and Production Information



Soybean Yield Contests in Arkansas

In 1999, the Arkansas Soybean Association established a yield contest with prizes being awarded to the top two or three producers in the State. Prizes were provided by equipment dealers and various seed companies.

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 to 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 as a way to share producer methods of achieving high 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. The 100 bushel barrier was broken again in 2014 when David Bennett recorded a State record grain yield of 112 bu/ac, and Sherrie Miles also attained membership into the Arkansas 100 Bushel Club with a recorded yield of 106.5 bu/ac and Matt Miles again broke the 100 bushel mark with a 100.6 bu/ac yield. In 2015 we added two new inductees into the Arkansas 100 Bushel Club: Perry Galloway attained a soybean grain yield of 109 bu/ac and Charles Galloway obtained grain yields of 101 bu/ac and Matt Miles for the third year in row broke the 100 bu/ac soybean yield record with grain yields of 109 bu/ac. In 2016, six producers were added to the Arkansas 100 Bushel Club: Eddie Wray, James Wray, Jr., and Barbara Annette Wray achieved yields of 118.8 bu/ac, 109.7 bu/ac, and 108.8 bu/ac, respectively. Michael Taylor, Jr. attained a yield of 101.3 bu/ac, Martin Henry had a yield of 113.9 bu/ac, and Layne Miles produced a yield of 109.8 bu/ac.

The current contest, the 2017 Grow for the Green Soybean Yield Challenge, was again funded by the Arkansas Soybean Promotion Board and administered by the Arkansas Soybean Association. 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 and 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 and the Arkansas Soybean Association.

For additional information:

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2017 Race for 100 & Grow for the Green Yield Contest Facts:

- 118 entries
- 52 harvest reports submitted

The Race for 100 was first funded in 2007 and took seven years to achieve. Three Arkansas growers made the mark in 2013:

- Nelson Crow
- Matt Miles
- Eddie Tackett

In 2014, the Arkansas Soybean Promotion Board created the Arkansas 100 Bushel Club to honor future growers who made the historic 100 bu/ac mark. Three producers achieved 100 bu/ac in 2014:

- Matt Miles
- Sherrie Kay Miles
- David Bennett

In 2015, 3 new producers achieved the 100 bu/ac and have been added to the 100 Bushel Club:

- Perry Galloway
- Matt Miles (3rd year in a row)
- Charles Galloway

In 2016, 6 new producers topped the 100 bu/ac level and were added to the 100 Bushel Club:

- Eddie Wray
- James Wray, Jr.
- Michael Taylor, Jr.
- Barbara Annette Wray
- Martin Henry
- Layne Miles

Field requirements:

- 5-7 acres with right angles
- Field must have been in soybeans at least once during previous three years

Prizes awarded 2017

- \$130,000 available in the Grow for the Green Soybean Yield Contest
- Additional \$5000 available to 100 bu/a winners (new club members only)
- \$20,000 available for any producers achieving 120 bu/ac

2017 100 BUSHEL PER ACRE WINNERS

New 100 Bushel Club members for 2017 are:

Mary Galloway – 107.568 bu/a

John Newkirk – 103.974 bu/a

Jason Berry – 102.894 bu/a

Billy Wayne Tripp – 100.551 bu/a



JASON BERRY – 102.894 BU/A



(PERRY GALLOWAY – 108.904 BU/A



LAYNE MILES – 108.052 BU/A



MATT MILES – 105.020 BU/A



JOHN NEWKIRK – 103.974 BU/A



BILLY WAYNE TRIPP – 100.551 BU/A



JAMES E. WRAY, JR. – 103.974 BU/AC
JAMES ELTON WRAY – 105.918 BU/AC

Photo by Forrest Laws

(No Picture of Mary Galloway) MARY GALLOWAY – 107.568 BU/A

An Overview of Production Practices used by Producers Obtaining Top Soybean Yields in the 2017 Arkansas Grow for the Green Yield Contest.

Dr. Jeremy Ross and Lanny Ashlock

Introduction

Again in 2017, we are pleased to announce that the Arkansas Grow for the Green Soybean Yield Challenge (GFTG) contest continues to be funded by soybean checkoff funds from an approved proposal by the Arkansas Soybean Promotion Board (ASPB). This proposal continues to be submitted and administered by the Arkansas Soybean Association (ARSA). The GFTG provides considerable data on the practices employed by the top row crop producers in the State. These soybean producers consistently obtain exceptional and documented grain yields that greatly exceed the state average. The GFTG contest is managed in cooperation with the University of Arkansas System Division of Agriculture, Cooperative Extension Service faculty and other approved crop advisors. In a competitive contest, such as the GFTG, all of the management practices employed by the contestants are not necessarily supported by research; nor are all of the practices employed by contestants consistent with current Cooperative Extension Service recommendations.

The 2017 GFTG program consisted of 118 registered producers, with 52 of these entries qualifying for prize consideration by obtaining yields of 60 bu/ac or better from their GFTG entry fields. In addition, 22 of the 52 producers (42%) recorded verified grain yields of 90 bu/ac or higher. For the last three years (2014, 2015, and 2016), the GFTG contest program averaged 4 contestants per year who obtained grain yields of 100+ bu/ac, but in 2017 a total of nine producers accomplished this feat, 4 of them new. They now join the Arkansas Soybean 100 Bushel Club, which now consist of a total of 17 soybean producers that have obtained certified soybean grain yields within the GFTG contest guidelines. Also, new for the 2017, were the impressive yields from the dicamba tolerant soybean varieties which were included in the 2017 GFTG contest (these were also entered in the 2017 Arkansas Soybean Performance Trials conducted by the University of Arkansas System Division of Agriculture).

In the following pages of this booklet are some of the important management practices that these top soybean producers employ to obtain soybean grain yields that equal or exceed 60 bu/ac and often exceeding 90 or even 100 bu/ac. In general, (but not always), these same management practices are supported by the basic and applied research conducted by the University of Arkansas Systems Division of Agriculture's research scientists and extension specialists.

Soils, Tillage, Crop Rotation and Planting Date

Most top soybean growers obtain their absolute highest yields from fields that have good drainage, preferably both external (surface) and internal. Fields with silt loam or fine sandy loam alluvial soils often meet these drainage criteria and enable producers to consistently

obtain outstanding corn and/or cotton yields. Regardless of soil texture, most of the top growers (especially on clay soils) employ the practice of bedding and they prefer to do this in the fall. Planting the soybean crop on beds helps both with surface drainage and enables them to effectively irrigate smaller size soybean plants if needed. Since the majority of the GFTG contestants strive to plant in early- to mid-April, the majority of (if not all) pre-plant tillage operations are done in the fall of the previous year. This enables producers to plant as soon as fields and environmental conditions enable them to get into the field. These top soybean producers recognize the value of crop rotation and try to avoid planting soybean behind soybean (especially on silt or sandy loam soils). Almost all GSTG contest fields are planted to soybean following corn, cotton, and sorghum.

Application of Fertilizer Material

When reviewing the fertilizer practices among the GFTG producers, it is difficult to draw strong conclusions except that the vast majority of producers participating in the contest do apply some commercial fertilizer and/or poultry litter (especially if soil test analysis recommends such additions). The top production soybean growers ensure that there are adequate plant nutrients available for their crop, as adequate soil fertility is one factor that can be controlled. There is some concern that additional in-season fertilizer additions (especially nitrogen) may also be needed to maximize yields, and we observed more in-season (often but not always foliar) applications of fertilizer, micronutrients, and products that are marketed to enhance the transport of sugars in the soybean plant. Much of the recent and current research does not necessarily support many of these foliar in-season application but in an attempt to obtain the highest grain yields possible, extra inputs are often utilized by the GFTG participants.

Varieties, Seeding Rates and Row Widths

Top producers give considerable thought to the varieties they plant in their GFTG fields. They make this decision based on varietal performance from several variety testing trials and recommendations by trusted seed company advisors. From a seed company perspective, there is a certain degree of recognition and a possible market advantage associated with varieties planted by these top producing soybean growers. Regardless of the variety chosen, nearly all possess one common characteristic: the most popular varieties have an indeterminate growth habit and the vast majority are classified as a maturity group IV (MG IV) variety. Many of these top producers started out utilizing seeding rates that are in excess of 180,000 seed/ac, but most have reduced their seeding rates to 130,000 to 165,000 seed/ac. Depending on planting method, the range in seeding rates by GFTG producers in 2014 varied from 82,000 to 200,000 seed/ac, while in 2015, 2016, and 2017 the range in seeding rates by the GFTG participants was from 120,000 to 180,000 with an approximate average of 150,000 seed/ac. Most top soybean producers treat their seed with an approved fungicide and/or neonicotinoid insecticide.

Research findings tend to support row widths of less of 30 inches wide, and most current GFTG producers place emphasis on reducing the effective row width to 30 inches or less by drilling or planting twin rows on a 38-60 inch bed. A major consideration for these producers is to bed

the field to facilitate an early planting while production enough plant growth to obtain full canopy closure between the rows by the R2 growth stage. This aids in both weed management and efficient light absorption by the crop. Another consideration that impacts row width decisions is “soil texture”. Although most growers prefer a 30-inch or less row-spacing, 100+ bu/ac soybean yields have been obtained from fields bedded on 38-inch centers. These fields are typically planted with two or more rows on the bed, resulting in 30-inch or less row spacing.

Pest Management

There is debate whether the addition of a pesticide actually increases yield, but most GFTG producers feel that it does protect “yield potential”. There is broad agreement that the addition of an appropriate “seed treatment” especially products that include an approved neonicotinoid insecticide (ex. CruiserMaxx, Poncho, etc.) does consistently increase soybean yield. Most GFTG producers apply pesticides to minimize the negative impact of weeds, insects, and diseases. GFTG producers are well aware that weeds and insects must be kept below the economic threshold. In fact, many strive to eliminate all weed pressure (especially where weed resistance issues have developed) because weeds can and do significantly reduce yields if not controlled.

Due to increasing weed resistance issues in the state, essentially all GFTG producers applied a burndown (preplant) herbicide application (many of these contained labeled rates of products that contain dicamba prior to planting and seedling emergence). Additionally, all contestants applied pre and post-emergence herbicide applications. We did observe that there was some increase in the usage of products that contain metribuzin in 2015 to 2017. In 2017, almost all GFTG producers applied an insecticide onto their contest field mainly to reduce stinkbug infestations.

Since many diseases are initially difficult to recognize (and even harder to determine if the disease incidence will progress to the extent that will affect final grain yield), many GFTG producers followed the practice of applying fungicides (and sometimes including an insecticide) as insurance for those “just in case” situations. As a note, in 2014, when the current state record yield of 112 bu/ac was obtained from a field in District 6 (SE Arkansas) the GFTG producer did not apply a fungicide; however, this field did receive an insecticide application to reduce stinkbugs. Over 90% of the 2017 GFTG fields received a least one fungicide application.

Water Management

Essentially all GFTG producers have the ability to irrigate their soybean crop if there is a need to do so. Many of these GFTG producers, or their crop advisors, use some type of irrigation scheduling program to monitor soil moisture conditions during the cropping season and since these are yield contest fields, they often received additional irrigation in an attempt to make sure that soil moisture was adequate at all times. The 2014 cropping season was cooler and wetter than the norm across the state, and the 2015 and 2016 season started out similarly, but then turned to the more typical hot and dry conditions in late summer especially in the central

and south eastern side of the State. Considerable dry periods existed in much of northeast and western Arkansas in 2016. During 2017, exceptional weather was experienced during the growing season, with above average rainfall and cooler than normal temperatures. Again, since contest fields often (but not always) receive extra attention, some surface irrigated fields (furrow) received 6 to 8 irrigation events. In 2015, there was one April 10 planted field in East Central Arkansas that was non-irrigated, yet produced grain yields of 89 bu/ac and in 2016 there was one non-irrigated field that produced yields of 67.4 bu/ac. Some of the fields that were irrigated received from 11 to 13 irrigation events. Again in 2017, although much of the state received adequate to excessive rainfall early in the season, the GFTG fields averaged 4.9 irrigations ranging from no irrigation events to 10. As in the past, the vast majority of the GFTG fields were furrow irrigated, but there were also some flood and center pivot irrigated fields in the 2017 program.

Harvest Aids

For the last few years, there were a few GFTG producers that applied a desiccant to facilitate the harvest operation. Eight producers in the 2017 GFTG contest decided to use harvest aids. In all cases, these growers did this to reduce moisture in the grain, dry down the main stem, and to facilitate leaf drop, with the goal of trying to increase combine efficiency at harvest and to enable themselves to harvest the field in a timely manner.

Summary

For many GFTG producers, the 2017 crop season started out better than the last few years with warm, dry conditions early in the season. Exceptional rainfall during May resulted in very few fields being planted during this time due to wet fields and flooding in some areas of the State, but cooler than normal temperature and frequent rainfall during July to September were seen in the State. As in previous years of the GFTG contest, many producers obtained exceptional yields. The Arkansas GFTG Challenge encompasses seven geographical areas with differing soil textures and environmental conditions. This book contains the names of all of the contestants by district. Again, some of the more common (but not altogether exclusive) production practices used by nearly all GFTG participants included April plantings, and indeterminate MG IV varieties. GFTG producers work hard to insure 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 real plus in their quest to increase soybean yields, outstanding yields were obtained behind cotton, sorghum and rice. What the results do not reflect is 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

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Producer Information

Division 1 – Northeast Delta (Mississippi, Crittenden, and East of Crowley's Ridge in Clay, Greene, Craighead, Poinsett, and Cross Counties)

James Elton Wray	Poinsett	Asgrow AG46X6	105.918 bu/a
James E Wray Jr	Poinsett	Asgrow AG46X6	103.830 bu/a
Annette Wray	Poinsett	Asgrow AG46X6	94.849 bu/a
Greg Womack	Craighead	Pioneer P47T36	93.903 bu/a
Mike DaVault	Greene	Asgrow AG47X6	92.160 bu/a
Kenny & Garrett Qualls	Craighead	Pioneer P46T21R	91.802 bu/a
Wayne Wilkinson	Crittenden	Asgrow AG46X6	91.330 bu/a
Paul Bingham	Poinsett	Pioneer P46T21R	87.209 bu/a
David DaVault	Greene	Asgrow AG47X6	85.060 bu/a
Brad DaVault	Greene	Asgrow AG47X6	84.586 bu/a

Producer:	James Elton Wray
Variety/Technology:	Asgrow AG46X6 (RR2X)
Planting Date:	4/10/2017
Previous Crops:	Corn/Soybean/Corn
Soil Type:	Silt loam
Fertilizer:	80 bu. Recommendation, 2 tons litter (fall), 200 lbs. K (spring)
Planter/Row Width:	38" Twin Row
Seeding Rate/Depth:	125,000
Seed Treatment:	Seedshield, Kickstand, and Firstup
Pest Control	Preplant – Dicamba, Roundup
Weed Management:	Preemergence – Boundary, Gramoxone Post-emergent – Roundup, Engenia, Warrant
Insect Management:	Besiege
Disease Management:	Priaxor, Domark
Other Foliar Apps:	Coron 10-0-10, 5% Boron
Water Management:	Irrigated 6 times
Harvest Aids:	None
Harvest Date:	10/6/2017

Producer: James E Wray Jr
Variety/Technology: Asgrow AG46X6 (RR2X)
Planting Date: 4/12/2017
Previous Crops: Corn/Soybean/Corn
Soil Type: Silt Loam
Fertilizer: 80 bushel recommendation 2 tons litter in fall, 200 lb. K in spring
Planter/Row Width: 38" Twin Row
Seeding Rate/Depth: 125,000
Seed Treatment: Seedshield, Kickstand, Firstup
Pest Control

Weed Management: Preplant – Dicamba, Roundup
Preemerge – Boundary, Gramoxone
Post-emergent – Roundup, Engenia, Warrant

Insect Management: Besiege
Disease Management: Priaxor, Domark
Other Foliar Apps: Coron 10-0-10, 5% Boron
Water Management: 6 times
Harvest Aids: None
Harvest Date: 10/2/2017

Producer: Annette Wray
Variety/Technology: Asgrow AG46X6 (RR2X)
Planting Date: 4/13/2017
Previous Crops: Corn/Soybean/Cotton
Soil Type: Silt loam
Fertilizer: 80 bushel recommendation 2 tons litter in fall, 200 lb. K in spring
Planter/Row Width: 38" Twin Row
Seeding Rate/Depth: 125,000
Seed Treatment: Seedshield, Kickstand, Firstup
Pest Control

Weed Management: Preplant – Dicamba, Roundup
Preemerge – Boundary, Gramoxone
Post-emergent – Roundup, Engenia, Warrant

Insect Management: Besiege
Disease Management: Priaxor, Domark
Other Foliar Apps: Coron 10-0-10,
Water Management: 4 times
Harvest Aids: None
Harvest Date: 9/29/2017

Producer:	Greg Womack
Variety/Technology:	Pioneer P47T36 (R)
Planting Date:	4/14/2017
Previous Crops:	Cotton/Soybean/Cotton
Soil Type:	Dubbs sandy loam
Fertilizer:	0-46-125
Planter/Row Width:	38"
Seeding Rate/Depth:	134,500
Seed Treatment:	Vault
Pest Control	
Weed Management:	Preplant – Roundup (36 oz.), Engenia (8 oz.), First Shot (.75 oz.) Preemerg – Verdict (5 oz.), Zidua (2 oz.) Post-emergent – Roundup (32 oz.), Zidua (2 oz.)
Insect Management:	Acephate (7/2) , Bifenthrin (7/19)
Disease Management:	Priaxor & Allevia (5/16), Priaxor, Bioforge, Stimulate, Thrive, Deliver K (7/2), Priaxor, Calbor, Delivered K, Thrive (7/19)
Other Foliar Apps:	
Water Management:	7 times (6/14, 7/11, 7/19, 7/25, 8/1, 8/8, 8/28
Harvest Aids:	Sharpen (2 oz. 9/11/17)
Harvest Date:	9/23/2017

Producer:	Mike DaVault
Variety/Technology:	Asgrow AG47X6 (RR2X)
Planting Date:	4/27/2017
Previous Crops:	corn/beans/beans
Soil Type:	Dubbs very fine sandy loam
Fertilizer:	
Planter/Row Width:	38" twin row
Seeding Rate/Depth:	132,000
Seed Treatment:	CruiserMaxx, Vertec, Optima
Pest Control	
Weed Management:	Preplant – Dicamba, Roundup, First Shot Preemerg – Boundary Post-emergent – Roundup & Dicamba twice
Insect Management:	Sniper orthene
Disease Management:	Quadris Top
Other Foliar Apps:	Boron
Water Management:	1.5 " 8 times
Harvest Aids:	None
Harvest Date:	10/13/2017

Producer: **Kenny & Garrett Qualls**

Variety/Technology: Pioneer P46T21R (R)

Planting Date: 4/8/2017

Previous Crops: Soybean/Corn/Rice

Soil Type: clay loam

Fertilizer: 0-54-130

Planter/Row Width: 38" single

Seeding Rate/Depth: 130,000

Seed Treatment: Equity Mertec

Pest Control

Weed Management: Preplant – Valor (2 oz.), Roundup (64 oz.), Zidua (1.5 oz.)
Preemergence – Zidua (1.5 oz.), Medal (18 oz.), Valor (2 oz.)
Post-emergent – Power Max (64 oz.)

Insect Management: Lambda (1.5 oz.)

Disease Management: Quadris Top SBX

Other Foliar Apps: Gramoxone (24 oz.), 16 oz. Micro 8

Water Management: 10 times

Harvest Aids:

Harvest Date: 9/20/2017

Producer: **Wayne Wilkinson**

Variety/Technology: Asgrow AG46X6 (RR2X)

Planting Date: 4/15/2017

Previous Crops:

Soil Type:

Fertilizer:

Planter/Row Width:

Seeding Rate/Depth:

Seed Treatment:

Pest Control

Weed Management:

Insect Management:

Disease Management:

Other Foliar Apps:

Water Management:

Harvest Aids:

Harvest Date: 9/22/2017

Producer: Paul Bingham
Variety/Technology: Pioneer P46T21R (R)
Planting Date: 4/5/2017
Previous Crops: Corn/Soybean/Corn
Soil Type:
Fertilizer:
Planter/Row Width: 38" twin
Seeding Rate/Depth: 137,000
Seed Treatment: CruiserMaxx
Pest Control
Weed Management: Preplant – 2 oz. Leadoff in fall, DuPont Trivence
Post-emergent – Roundup
Insect Management:
Disease Management: Approach Prima
Other Foliar Apps:
Water Management: 10 times
Harvest Aids:
Harvest Date: 9/20/2017

Producer: David DaVault
Variety/Technology: Asgrow AG47X6 (RR2X)
Planting Date: 5/3/2017
Previous Crops: Corn/Soybean/Soybean
Soil Type: Dubbs very fine sandy loam
Fertilizer:
Planter/Row Width: 38" twin
Seeding Rate/Depth: 132,000
Seed Treatment: CruiserMaxx, Vertec, Optima
Pest Control
Weed Management: Preplant – Dicamba, Roundup, First Shot
Preemerge – Boundary
Post-emergent – Roundup & Dicamba twice
Insect Management: Sniper orthene
Disease Management: Quadris Top
Other Foliar Apps: Boron
Water Management: 1.5 " 8 times
Harvest Aids:
Harvest Date: 10/19/2017

Producer: Brad DaVault
Variety/Technology: Asgrow AG47X6 (RR2X)
Planting Date: 4/26/2017
Previous Crops: Corn/Soybean/Soybean
Soil Type: Dubbs very fine sandy loam
Fertilizer:
Planter/Row Width: 38" Twin Rows
Seeding Rate/Depth: 132,000
Seed Treatment: CruiserMaxx, Vertec, Optima
Pest Control
Weed Management: Preplant – Dicamba, Roundup, First Shot
Preemerge – Boundary
Post-emergent – Roundup & Dicamba twice
Insect Management: Sniper orthene
Disease Management: Quadris Top
Other Foliar Apps: Boron
Water Management: 1.5 " 8 times
Harvest Aids:
Harvest Date: 10/19/2017

Division 2 – Northeast (Randolph, Lawrence, and West of Crowley’s Ridge in Clay, Greene, Craighead, Poinsett, and Cross Counties)

Brian Mack	Poinsett	Armor 46D08	89.390 bu/a
Rick Fort	Randolph	Asgrow AG 46X6	88.680 bu/a
Doin Bowers Jr	Clay	Pioneer P46T30X	87.073 bu/a
Trevor Malone	Hickory Ridge	Pioneer P47T89R	86.670 bu/a
Mark Ahrent	Corning	Asgrow AG47X6	74.302 bu/a

Producer: Brian Mack
Variety/Technology: Armor 46D08 (RR2X)
Planting Date: 4/7/2017
Previous Crops: Rice/Corn/Soybean
Soil Type: silt loam
Fertilizer: 1 ton chicken litter fall, 100lb Potash (4/7)
Planter/Row Width: 38" twin row
Seeding Rate/Depth: 150,000
Seed Treatment: Inovate
Pest Control

Weed Management: Boundary (1.5 pt.) 4/8/17
Roundup Power Max (32 oz.) & Zidua (1 oz.) 5/15

Insect Management:
Disease Management: Stratego Yield (4 ox)
Other Foliar Apps: Gramoxone (1 pt.)
Water Management: 3 with polypipe
Harvest Aids:
Harvest Date: 9/26/2017

Producer: Rick Fort
Variety/Technology: Asgrow AG46X6 (RR2X)
Planting Date: 4/16/2017
Previous Crops: Peanut/Soybean/Corn
Soil Type: sandy loam
Fertilizer: 2 ton/acre litter
Planter/Row Width: 30"
Seeding Rate/Depth: 140,000
Seed Treatment: CruiserMaxx
Pest Control
Preplant – Zidua (2 oz.)

Weed Management: Post-emergent – Engenia (12.8 oz.), Zidua (1 oz.), Roundup (22 oz.)

Insect Management: Besiege (8 oz.)
Disease Management: Quadris Top (10 oz.)
Other Foliar Apps:
Water Management: 4 times - center pivot
Harvest Aids:
Harvest Date: 10/6/2017

Producer:	Doin Bowers Jr
Variety/Technology:	Pioneer P46T30X (RR2X)
Planting Date:	4/15/2017
Previous Crops:	Corn/Soybean/Corn
Soil Type:	Bon-Foley Complex
Fertilizer:	0-70-120 fall , 12000 lb. litter, 460 lb. N
Planter/Row Width:	38" twin
Seeding Rate/Depth:	180,000
Seed Treatment:	
Pest Control	
Weed Management:	Preemergence – Gramoxone & Metribuzin Post-emergent – Warrant & Engenia
Insect Management:	Prevathon fb Karate
Disease Management:	Approach Prima
Other Foliar Apps:	
Water Management:	6 irrigations
Harvest Aids:	
Harvest Date:	9/27/2017

Producer:	Trevor Malone
Variety/Technology:	Pioneer P47T89R (R)
Planting Date:	4/9/2017
Previous Crops:	Corn/Soybean/Fallow
Soil Type:	silt loam
Fertilizer:	1 ton litter & 0-0-60
Planter/Row Width:	15"
Seeding Rate/Depth:	165,000
Seed Treatment:	Pioneer premium seed treatment
Pest Control	
	Preplant – Roundup, Verdict, Warrant
Weed Management:	Post-emergent – Roundup Select, Zidua
Insect Management:	
Disease Management:	Stratego Yield
Other Foliar Apps:	
Water Management:	4 times
Harvest Aids:	
Harvest Date:	10/2/2017

Producer:	Mark Ahrent
Variety/Technology:	Asgrow AG47X6 (RR2X)
Planting Date:	5/16/2017
Previous Crops:	Rice/Soybean/Rice
Soil Type:	silt loam
Fertilizer:	0-0-60-10, 1 lb. Boron
Planter/Row Width:	7.5"
Seeding Rate/Depth:	175,000
Seed Treatment:	Acceleron
Pest Control	
	Preplant – Fierce (3 oz.)
Weed Management:	
	Post-emergent – Roundup Power Max (26 oz.) & Classic (5 oz.)
Insect Management:	
Disease Management:	
Other Foliar Apps:	
Water Management:	furrow 9 times
Harvest Aids:	
Harvest Date:	10/17/2017

Division 3 – White River Basin (Independence, Jackson, Woodruff, White, and Monroe Counties)

Perry Galloway	Woodruff	Hefty H48X7	108.904 bu/a
Mary Galloway	Woodruff	Hefty H49X7S	107.564 bu/a
Billy Wayne Tripp	White	Asgrow AG46X6	100.511 bu/a
Charles Galloway	Woodruff	Hefty H48X7	99.233 bu/a
Terry Fuller/Kyle Fuller	Monroe	Pioneer P47T36R	97.332 bu/a
Neill Culp	Monroe	Asgrow AG46X6	94.303 bu/a
Jerry Fuller	Monroe	Pioneer P47T36R	87.937 bu/a
Allen Culp	Monroe	Asgrow AG46X6	87.096 bu/a
Brandon Cain	White	Hefty H48X7	87.076 bu/a
Kyle Fuller	Monroe	Pioneer P46A16R	86.831 bu/a
Jill Culp	Monroe	Dyna Grow 28XT56	81.788 bu/a
Samantha Cain	White	Credenz 4748	74.868 bu/a

Producer:	Perry Galloway
Variety/Technology:	Hefty H48X7
Planting Date:	4/12/2017
Previous Crops:	Milo/Soybean/Soybean
Soil Type:	Basket
Fertilizer:	2 tons poultry litter
Planter/Row Width:	15"
Seeding Rate/Depth:	140000
Seed Treatment:	RenPro Plus, GraphEX SA
Pest Control	
Weed Management:	Preplant – Paraquat (10.7 oz.) burndown Preemerg – Paraquat (1 pt.), Fierce (3 oz.) Post-emergent – 2X Engenia (12.8 oz.), Glyphosate (32 oz.), Zidua (1 oz.)
Insect Management:	Intrepid Edge (4.5 oz.), Lambda (3.6 oz.)
Disease Management:	2X - Priaxor (4 oz.) & Propiconazole (5 oz.)
Other Foliar Apps:	
Water Management:	
Harvest Aids:	
Harvest Date:	10/12/2017

Producer:	Mary Galloway
Variety/Technology:	Hefty H49X7S (RR2X)
Planting Date:	4/10/2017
Previous Crops:	Corn/Soybean/Corn
Soil Type:	Dubbs
Fertilizer:	2 tons poultry litter
Planter/Row Width:	15"
Seeding Rate/Depth:	140,000
Seed Treatment:	RenPro Plus, GraphEX SA
Pest Control	
Weed Management:	Preplant – Paraquat (10.7 oz.) Preemerg –Paraquat (1 pt.), Zidua (1.5 oz.), Metribuzin (5 oz.) Post-emergent – Engenia (12.8 oz.), Glyphosate (1 qt.), Zidua (1 oz.)
Insect Management:	Intrepid Edge, Lambda
Disease Management:	Priaxor, Propiconazole
Other Foliar Apps:	
Water Management:	pivot 4 times @ 3/4 "
Harvest Aids:	
Harvest Date:	9/28/2017

Producer: Billy Wayne Tripp
Variety/Technology: Asgrow AG46X6 (RR2X)
Planting Date: 4/12/2017
Previous Crops: Corn/Corn/Soybean
Soil Type: Callaway silt loam
Fertilizer: variable rate, potash
Planter/Row Width: 30" twin
Seeding Rate/Depth: 145000
Seed Treatment: CruiserMaxx (Seed Shield), First UP
Pest Control
 Preplant –12.8 oz. (Engenia & Pmax), 10-12 oz. Cobra, 2 oz. Zidua
Weed Management: Preemerg – 2 oz. Zidua
 Post-emergent – 12.8 oz. Engenia, 22 oz. Power max, 10-12 oz. Cobra
Insect Management: Besiege (8 oz. @R3), 8 oz. Penetrator Plus
Disease Management: 13.7 oz Trivapro, 8 oz. Penetrator Plus on 6/40
Other Foliar Apps:
Water Management: row watered every 6 days
Harvest Aids:
Harvest Date: 9/27/2017

Producer: Charles Galloway
Variety/Technology: Hefty H48X7 (RR2X)
Planting Date: 4/13/2017
Previous Crops: Corn/Soybean/Corn
Soil Type: Commerce silt loam
Fertilizer: 2 tons poultry litter
Planter/Row Width: 15"
Seeding Rate/Depth: 140,000
Seed Treatment: RenPro Plus, GraphEX SA
Pest Control
 Preplant – Paraquat (10.7 oz.) burndown
Weed Management: Preemerg – Zidua (1.5 oz), Metribuzin (5 oz.), Paraquat (1 pt.)
 Post-emergent – 2X - Engenia (12.8 oz.), Glyphosate (32 oz.), Zidua (1 oz.)
Insect Management: Intrepid Edge (4.5 oz.), Lambda (3.6 oz)
Disease Management: 2X - Priaxor (4 oz.) & Propiconazole (5 oz.)
Other Foliar Apps:
Water Management: pivot 4 times @ 3/4 "
Harvest Aids:
Harvest Date: 10/5/2017

Producer: Terry Fuller/Kyle Fuller

Variety/Technology: Pioneer P47T36R (R)

Planting Date: 4/9/2017

Previous Crops: Corn/Soybean/Soybean

Soil Type: silt loam

Fertilizer: 100 lb. 0-30-60

Planter/Row Width: 7.5 on 30" row

Seeding Rate/Depth: 150,000

Seed Treatment: CruiserMaxx

Pest Control

Weed Management: Preemergence – Boundary

Post-emergent – Glyphosate, Prefix, Glyphosate

Insect Management: Lambda-cyhalothrin @R3

Disease Management: Quadris top @ R3

Other Foliar Apps:

Water Management: furrow 3 times

Harvest Aids:

Harvest Date: 9/15/2017

Producer: Neill Culp

Variety/Technology: Asgrow AG46X6 (RR2X)

Planting Date: 4/12/2017

Previous Crops: Soybean/Soybean/Soybean

Soil Type: silt loam

Fertilizer: 150 lb. K, 15 lb. S

Planter/Row Width: 30"

Seeding Rate/Depth: 150,000

Seed Treatment: CruiserMaxx

Pest Control

Weed Management: Preemergence – Intimidator

Post-emergent – Roundup

Insect Management: Karate at R3

Disease Management: Quadris at R3

Other Foliar Apps:

Water Management: pivot 3 times

Harvest Aids:

Harvest Date: 9/25/2017

Producer:	Jerry Fuller
Variety/Technology:	Pioneer P47T36R (R)
Planting Date:	4/24/2017
Previous Crops:	Corn/Soybean/Soybean
Soil Type:	silt loam
Fertilizer:	120 lb. 0-30-60
Planter/Row Width:	7.5 on 30" row
Seeding Rate/Depth:	150,000
Seed Treatment:	CruiserMaxx
Pest Control	
Weed Management:	Preemergence – Boundary Post-emergent – Glyphosate, Prefix, Glyphosate
Insect Management:	Lambda-cyhalothrin @R3
Disease Management:	Quadris top @ R3
Other Foliar Apps:	
Water Management:	furrow 3 times
Harvest Aids:	
Harvest Date:	9/26/2017
Producer:	Allen Culp
Variety/Technology:	Asgrow AG46X6 (RR2X)
Planting Date:	4/10/2017
Previous Crops:	Corn/Soybean/Soybean
Soil Type:	silt loam
Fertilizer:	150 lb. K, 15 lb. S
Planter/Row Width:	30"
Seeding Rate/Depth:	140,000
Seed Treatment:	CruiserMaxx
Pest Control	
Weed Management:	Preemergence – Intimidator Post-emergent – Roundup
Insect Management:	Karate R3
Disease Management:	Quadris Top R3
Other Foliar Apps:	
Water Management:	furrow 3 times
Harvest Aids:	
Harvest Date:	9/29/2017

Producer:**Brandon Cain**

Variety/Technology:

Hefty H48X7 (RR2X)

Planting Date:

4/21/2017

Previous Crops:

Corn/Soybean/Soybean

Soil Type:

silt loam

Fertilizer:

3 ton chicken litter

Planter/Row Width:

30"

Seeding Rate/Depth:

140,000

Seed Treatment:

CruiserMaxx, GraphEX

Pest Control

Preplant – Gramoxone (42 oz.) & Verdict (7 oz.)

Weed Management:

Preemergence – Dual (1 pt.)

Post-emergent – Engenia (12.8 oz. twice) & Glyphosate (1 qt. twice)

Insect Management:

Disease Management:

Priaxor (4 oz.)

Other Foliar Apps:

Water Management:

furrow 6 times

Harvest Aids:

Harvest Date:

10/5/2017

Producer:**Kyle Fuller**

Variety/Technology:

Pioneer P46A16R (R)

Planting Date:

4/12/2017

Previous Crops:

Corn/Soybean/Soybean

Soil Type:

silt loam

Fertilizer:

120 lb. 0-30-60

Planter/Row Width:

7.5 on 30" row

Seeding Rate/Depth:

150,000

Seed Treatment:

CruiserMaxx

Pest Control

Weed Management:

Preemergence – Boundary

Post-emergent – Glyphosate & Prefix, Glyphosate

Insect Management:

Lambda-cyhalothrin @R3

Disease Management:

Quadris top @ R3

Other Foliar Apps:

Water Management:

furrow 3 times

Harvest Aids:

Harvest Date:

9/18/2018

Producer: Jill Culp
Variety/Technology: Dyna Grow 28XT56 (RR2X)
Planting Date: 4/14/2017
Previous Crops: Soybean/Soybean/Corn
Soil Type: silt loam
Fertilizer: 150 lb. K, 15 lb. S
Planter/Row Width: 30"
Seeding Rate/Depth: 150,000
Seed Treatment: CruiserMaxx
Pest Control
Weed Management: Preplant – Intimidator
Insect Management: Post-emergent – Roundup twice
Disease Management: Bifenthrin 1/25
Other Foliar Apps: Quadris top 5 oz.
Water Management: furrow 3 times
Harvest Aids:
Harvest Date: 9/25/2017

Producer: Samantha Cain
Variety/Technology: Credenz 4748 (LL)
Planting Date: 4/5/2017
Previous Crops: Corn/Soybean/Corn
Soil Type: silt loam
Fertilizer: 3 tons chicken litter, 100 lb. Urea @ R3
Planter/Row Width: 30"
Seeding Rate/Depth: 140,000
Seed Treatment: CruiserMaxx, GraphEX
Pest Control
Weed Management: Preplant – Glyphosate (1 qt.)
Preemergence – Dual (1 pt.) & Metribuzin (5 oz.)
Post-emergent – Liberty (32 oz.) followed by Liberty (32 oz.)
Insect Management:
Disease Management: Priaxor (2 applications of 4 oz.)
Other Foliar Apps:
Water Management: furrow 5 times
Harvest Aids:
Harvest Date: 9/11/2017

Division 4 – Central & Grand Prairie (Pulaski, Lonoke, Prairie, and Arkansas Counties)

John Newkirk	Prairie	Asgrow AG46X6	103.974 bu/a
Jason Berry	Arkansas	Pioneer P46A16R	102.894 bu/a
David Strohl	Prairie	Pioneer P47T36R	99.165 bu/a
Taylor Burdett	Prairie	Pioneer P47T36R	95.223 bu/a
Drew Counce	Arkansas	NK S47-K5	94.211 bu/a

Producer: John Newkirk

Variety/Technology: Asgrow AG46X6 (RR2X)

Planting Date: 4/9/2017

Previous Crops: Rice/Soybean/Rice

Soil Type: Dewitt silt loam

Fertilizer: Aspire + MESZ (4/8/17), Urea + Symtrx at R3 (6/16/16)

Planter/Row Width: 30"

Seeding Rate/Depth: 150,000

Seed Treatment: CruiserMaxx, Vibrance

Pest Control

Weed Management: Preemergence – Zidua, Metribuzin
Post-emergent – Roundup, Prefix

Insect Management: Besiege (R3)

Disease Management: Priaxor (4 oz. at R3 & R5), Propiconazole @R3

Other Foliar Apps: Nutripak at layby and R3

Water Management: furrow 4 times

Harvest Aids:

Harvest Date: 9/16/2017

Producer: Jason Berry
Variety/Technology: Pioneer P46A16R (R)
Planting Date: 4/5/2017
Previous Crops: Rice/Soybean/Corn
Soil Type: Stuttgart silt loam – 65.5 % , Dewitt silt loam 34.5 %
Fertilizer: 1 ton chick litter, 355# 0-18-36 on 4/5/17
Planter/Row Width: 38"
Seeding Rate/Depth: 140,000
Seed Treatment: Innovate, Seed Coat
Pest Control

Weed Management: Preemergence – Dual (1 pt.), Sencor (5 oz.)
Post-emergent – Roundup (1.5 pt.)

Insect Management:
Disease Management: Priaxor (4 oz. twice)
Other Foliar Apps: 32 oz. Crop Car, 10 oz. Perk Plus
Water Management: furrow 4 times
Harvest Aids:
Harvest Date: 9/18/2017

Producer: David Strohl
Variety/Technology: Pioneer P47T36R (R)
Planting Date: 4/5/2017
Previous Crops: Rice/Soybean/Rice
Soil Type: Stuttgart silt loam
Fertilizer: 0-80-150 4/4/17
Planter/Row Width: 30"
Seeding Rate/Depth: 150000
Seed Treatment: Equity VIP 93 oz./cwt
Pest Control

Weed Management: Preemergence – Zidua (2 oz.), Metribuzin (4oz)
Post-emergent – Makaze Yield Pro (2.5 pt.), Prefix (2 pt.)

Insect Management:
Disease Management: Priaxor (4 oz. @ R3)
Other Foliar Apps: 10 oz. Nutri-Sync-D @ R3
Water Management: 6 irrigations
Harvest Aids:
Harvest Date: 9/18/2017

Producer:**Taylor Burdett**

Variety/Technology: Pioneer P47T36R (R)
Planting Date: 4/8/2017
Previous Crops: Rice/Soybean/Soybean
Soil Type: silt loam
Fertilizer: variable rate spring
Planter/Row Width: 30"
Seeding Rate/Depth: 136,000
Seed Treatment: Revise
Pest Control

Weed Management: Preemergence – Enlite (2.8 oz.)
Post-emergent – Roundup (32 oz.) & Flexstar (4 oz.)
Insect Management: 6.4 oz. Reveal
Disease Management: Priaxor D
Other Foliar Apps:
Water Management: 5 times/every 10 days/6/20-8/5
Harvest Aids:
Harvest Date: 9/14/2017

Producer:**Drew Counce**

Variety/Technology: NK S47-K5 (R)
Planting Date: 4/4/2017
Previous Crops: Rice/Soybean/Rice
Soil Type: silt loam
Fertilizer: 400# 0-18-36
Planter/Row Width: 30"
Seeding Rate/Depth: 135,000
Seed Treatment: CruiserMaxx
Pest Control

Weed Management: Preplant – Besiege
Preemergence – Boundary
Post-emergent – Roundup & Dual
Insect Management:
Disease Management: Priaxor (4 oz. @ R3), Priaxor (4 oz. at R5)
Other Foliar Apps:
Water Management: 4 times
Harvest Aids:
Harvest Date:

Division 5 – East Central Delta (St. Francis, Lee, Phillips, and Desha (Snow Lake area) Counties)

Michael Taylor Jr	Phillips	Asgrow AG 43X7	97.560 bu/a
Blake Culp	Phillips	Asgrow AG47X6	90.289 bu/a
Chris Carnathan	Phillips	Pioneer P47T36R	88.842 bu/a
Mike Taylor	Phillips	Asgrow AG 46X7	83.939 bu/a
Jeff Carnathan	Phillips	Pioneer P47T36R	83.938 bu/a
Rebecca Taylor	Phillips	Asgrow AG47X6	79.302 bu/a

Producer: **Michael Taylor Jr**
Variety/Technology: Asgrow AG43X7 (RR2X)
Planting Date: 4/10/2017
Previous Crops: Corn/Soybean/Peanut
Soil Type: silt loam
Fertilizer: 150 lb. K (fall)
Planter/Row Width: 30"
Seeding Rate/Depth: 150,000
Seed Treatment: CruiserMaxx
Pest Control

Weed Management: Preemerg – Gramoxone & Boundary
Post-emergent – Roundup, Engenia, Zidua
Insect Management: Bifenthrin
Disease Management: Quadris SBX (5 oz.)
Other Foliar Apps:
Water Management: pivot 3 times
Harvest Aids:
Harvest Date: 9/5/2017

Producer: Blake Culp
Variety/Technology: Asgrow AG47X6 (RR2X)
Planting Date: 4/1/2017
Previous Crops: Soybean/Corn/Soybean
Soil Type: Foley silt loam
Fertilizer: 150 lb. K in fall, 15 lb. S in spring
Planter/Row Width: 30"
Seeding Rate/Depth: 140,000
Seed Treatment: CruiserMaxx
Pest Control

Weed Management: Preemergence – Intimidator
Post-emergent – Roundup, Engenia, Zidua
Insect Management: Besiege (10 oz.)
Disease Management: Quadris (7 oz.)
Other Foliar Apps:
Water Management: furrow 3 times
Harvest Aids:
Harvest Date: 8/25/2017

Producer: Chris Carnathan
Variety/Technology: Pioneer P47T36R (R)
Planting Date: 4/1/2017
Previous Crops: Corn/Soybean/Soybean
Soil Type: Dundee silt loam
Fertilizer: 120 lb. K
Planter/Row Width: 30"
Seeding Rate/Depth: 150,000
Seed Treatment: CruiserMaxx
Pest Control

Weed Management: Preemergence – Boundary
Post-emergent – Roundup twice, Prefix
Insect Management: Lambda-Cy at R3
Disease Management: Quadris Top @ Re
Other Foliar Apps:
Water Management: furrow 4 times
Harvest Aids:
Harvest Date: 8/28/2017

Producer: Mike Taylor
Variety/Technology: Asgrow AG46X7 (RR2X)
Planting Date: 4/9/2017
Previous Crops: Corn/Soybean/Soybean
Soil Type: silt loam
Fertilizer: 150 lb. K
Planter/Row Width: 7.5"
Seeding Rate/Depth: 150,000
Seed Treatment: CruiserMaxx
Pest Control

Weed Management: Preplant – Gramoxone
Preemerg – Boundary
Post-emergent – Roundup, Engenia, Zidua

Insect Management: Bifenthrin
Disease Management: Quadris SBX (5 oz.)
Other Foliar Apps:
Water Management: furrow 2 times
Harvest Aids:
Harvest Date: 9/22/2017

Producer: Jeff Carnathan
Variety/Technology: Pioneer P47T36R (R)
Planting Date: 4/1/2017
Previous Crops: Corn/Soybean/Soybean
Soil Type: Dundee silt loam
Fertilizer: 120 lb. K
Planter/Row Width: 30"
Seeding Rate/Depth: 150,000
Seed Treatment: CruiserMaxx
Pest Control

Weed Management: Preplant – Boundary
Preemerg – Prefix
Post-emergent – Roundup twice

Insect Management: Lambda-Cy@ R3
Disease Management: Quadris Top @ Re
Other Foliar Apps:
Water Management: furrow 4 times
Harvest Aids:
Harvest Date: 9/4/2017

Producer:	Rebecca Taylor
Variety/Technology:	Asgrow AG47X6 (RR2X)
Planting Date:	3/28/2017
Previous Crops:	Corn/Soybeans/Corn
Soil Type:	silt loam
Fertilizer:	150 lb. K, 2 gal P & K furrow
Planter/Row Width:	30"
Seeding Rate/Depth:	150,000
Seed Treatment:	CruiserMaxx
Pest Control	
	Preplant – Gramoxone (1 qt.)
Weed Management:	Preemerg – Boundary
	Post-emergent – Roundup, Engenia, Zidua
Insect Management:	1-40 Bifenthrin at R3
Disease Management:	Quadris SBX (5 oz.) at R3
Other Foliar Apps:	
Water Management:	2 times row water
Harvest Aids:	
Harvest Date:	9/4/2017

Division 6 – Southeast Delta (Jefferson, Lincoln, Drew, Ashley, Chicot, and Desha Counties)

Layne Miles	Desha	Pioneer P47T36R	108.052 bu/a
Matt Miles	Ashley	Pioneer P47T36R	105.02 bu/a
Caper Robertson	Desha	Asgrow AG4632	87.707 bu/a
William Palsa	Desha	Agventure 48E3	86.266 bu/a
Cash Billberry	Chicot	Progeny P 4613	83.081 bu/a
Kenneth Robertson	Desha	Asgrow AG46X6	81.846 bu/a

Producer: Layne Miles
Variety/Technology: Pioneer P47T36R (R)
Planting Date: 4/14/2017
Previous Crops: Corn/Soybean/Corn
Soil Type: Hebert silt loam
Fertilizer: 0-0-60 145#
Planter/Row Width: 38" twin
Seeding Rate/Depth:
Seed Treatment: Avicta Complete
Pest Control

Weed Management: Preplant – Dicamba & Roundup burndown
Preemerge – Zidua (2 oz.), Roundup PowerMax
Post-emergent – Prefix (32 oz.), Roundup PowerMax (32 oz.)

Insect Management: Lambda Cy (4 oz.), Bifenthrin, Acephate
Disease Management:
Other Foliar Apps:
Water Management: 4 times
Harvest Aids:
Harvest Date: 9/15/2017

Producer: Matt Miles
Variety/Technology: Pioneer P47T36R (R)
Planting Date: 4/8/2017
Previous Crops: Soybean/Corn/Soybean
Soil Type:
Fertilizer: 0-0-60
Planter/Row Width: 38" twin
Seeding Rate/Depth: 150,000
Seed Treatment: Avicta Complete, Cruiser
Pest Control

Weed Management: Preplant – Roundup PowerMax 2, Fastbreak Destiny HE
Preemerge – Destiny H2, Roundup PowerMax, verdict
Post-emergent – Roundup Power Max 2, Charger Basic

Insect Management: Lambda Cy (4 oz.), Bifenthrin, Acephate
Disease Management: Priaxor
Other Foliar Apps:
Water Management: 4 times
Harvest Aids:
Harvest Date: 9/11/2017

Producer:	Caper Robertson
Variety/Technology:	Asgrow AG4632 (RR2Y)
Planting Date:	4/6/2017
Previous Crops:	Corn/Rice/Soybean
Soil Type:	Sharkey clay
Fertilizer:	100 lb. DAP on 5/10
Planter/Row Width:	38 "twin
Seeding Rate/Depth:	140,000
Seed Treatment:	CruiserMaxx
Pest Control	
Weed Management:	Preemergence – Gramoxone (1 qt.) & Trivence (6 oz.) Post-emergence – Roundup (1.5 pt.) & Metolachlor (1.4 pt.)
Insect Management:	Brigade (1/gal/35) Prevathon 14 oz./a, Prevathon & Brigade
Disease Management:	Stratego Yield (4 oz.)
Other Foliar Apps:	
Water Management:	4 times
Harvest Aids:	
Harvest Date:	8/25/2017

Producer:	William Palsa
Variety/Technology:	Agventure 48E3
Planting Date:	3/29/2017
Previous Crops:	
Soil Type:	
Fertilizer:	
Planter/Row Width:	
Seeding Rate/Depth:	
Seed Treatment:	
Pest Control	
Weed Management:	
Insect Management:	
Disease Management:	
Other Foliar Apps:	
Water Management:	
Harvest Aids:	
Harvest Date:	8/21/2017

Producer: Cash Billberry
Variety/Technology: Progeny P4613 (RY)
Planting Date: 4/10/2017
Previous Crops: Corn/Soybean/Soybean
Soil Type: Dundee
Fertilizer: P & K 0-40-60 11/1/16
Planter/Row Width: 17"
Seeding Rate/Depth: 145,000
Seed Treatment: CruiserMaxx
Pest Control

Weed Management: Preplant – Roundup, Goal

Insect Management: Post-emergent – Roundup, Prefix
Besiege (8 oz.), Acephate (3/4 lb.)
Disease Management: Quadris Top
Other Foliar Apps:
Water Management: non irrigated
Harvest Aids:
Harvest Date: 8/25/2017

Producer: Kenneth Robertson
Variety/Technology: Asgrow AG46X6 (RR2X)
Planting Date: 4/4/2017
Previous Crops: Corn/Soybean/Soybean
Soil Type:
Fertilizer: 18-46-60 in fall
Planter/Row Width: 38" twin
Seeding Rate/Depth: 140,000
Seed Treatment: CruiserMaxx
Pest Control

Weed Management: Preemergence – Gramoxone, Trivence
Post-emergent – Roundup, Metolachlor
Insect Management: Brigade 1/35, Prevathon 14 oz., Brigade 1/25, Acephate 3/4 lb.
Disease Management: Stratego YLD 4 oz.

Other Foliar Apps:

Water Management: 4 times
Harvest Aids:
Harvest Date: 9/8/2017

Division 7 Western – Remainder of the State

Nick Moore	Conway	Terral Rev 48A76	73.933 bu/a
Greg Hart	Conway	Terral Rev 49R94	72.119 bu/a
Eddie Tackett	Pope	Pioneer P47T36R	68.893 bu/a
James Gregory	Conway	Terral Rev 48L63	68.162 bu/a
Frankie Deaver	Conway	Terral Rev 49L49	60.556 bu/a

Producer: Nick Moore
Variety/Technology: Terral Rev 48A76 (RR)
Planting Date: 6/16/2017
Previous Crops: Corn(Wheat)/DC Soybean/Corn(Wheat)
Soil Type: Gallion silt loam
Fertilizer: 2 tons poultry litter 6/17
Planter/Row Width: 15"
Seeding Rate/Depth: 160,000
Seed Treatment: GraphEX SA
Pest Control

Weed Management: Preemergence – Dual, Valor, Sencor
Post-emergent – Roundup, Dual
Insect Management: Prevathon (15 oz.) 7/6
Disease Management:
Other Foliar Apps:
Water Management: 12 times, pivot
Harvest Aids:
Harvest Date: 10/20/2017

Producer: Greg Hart
Variety/Technology: Terral Rev 49R94 (RR)
Planting Date: 5/9/2017
Previous Crops: Soybean/Wheat(Soybean)/Wheat
Soil Type: Roxana Silt Loam
Fertilizer: 2 tons poultry litter, 200 # potash in fall
Planter/Row Width: 15"
Seeding Rate/Depth: 135,000
Seed Treatment: Helena Seed Shield, Graph EX
Pest Control

Weed Management: Preplant – Radiate (2 oz.)
Preemerge – Valor, Methix Plus, Metribuzin, Gramoxone
Post-emergent – Dual (1 pt.), Makaze (1 qt.)

Insect Management: Prevathon (14 oz.)
Disease Management: Stratego Yield (4 oz.) @ R3
Other Foliar Apps: Paraquat & Salt @R8
Water Management: non-irrigated
Harvest Aids:
Harvest Date: 10/9/2017

Producer: Eddie Tackett
Variety/Technology: Pioneer P47T36R (R)
Planting Date: 5/10/2017
Previous Crops: Corn/Soybean/Corn
Soil Type: Roxana-Rilla Sandy Loam
Fertilizer: 100 lb. phosphate, 100 lb. potash
Planter/Row Width: 8"
Seeding Rate/Depth: 130,000
Seed Treatment: Fungicide/insecticide
Pest Control

Weed Management: Preemerge – Dual (16 oz.), Metribuzin (4 oz.)
Post-emergent – Flex Star & Roundup

Insect Management:
Disease Management:
Other Foliar Apps:
Water Management: furrow 5 times (total 8 inches
Harvest Aids:
Harvest Date: 10/10/2017

Producer: James Gregory
Variety/Technology: Terral Rev 48L63 (LL)
Planting Date: 6/10/2017
Previous Crops:
Soil Type: Roxana Silt Loam
Fertilizer: 2 pivot passes with hog farm waste water
Planter/Row Width: 15"
Seeding Rate/Depth: 160,000
Seed Treatment: Poncho
Pest Control

Weed Management: Preplant – burn wheat stubble
Post-emergent – Liberty (32 oz.), Dual (1 pt.) followed by Liberty (32 oz.)
Insect Management: Prevathon (15 oz.) 7/6
Disease Management:
Other Foliar Apps:
Water Management: 8 trips with pivot (3/4 inch per circle)
Harvest Aids:
Harvest Date: 10/26/2017

Producer: Frankie Deaver
Variety/Technology: Terral Rev 49L49 (LL)
Planting Date: 5/24/2017
Previous Crops: Soybean/Corn/Soybean
Soil Type: Moreland Silty Clay
Fertilizer: 2 tons chicken litter, 150 lb. potash
Planter/Row Width: 7.5" drill
Seeding Rate/Depth: 150,000
Seed Treatment:
Pest Control

Weed Management: Preplant – Gramoxone
Preemerge – Roundup, 2-4D, Leadoff
Post-emergent – Liberty (32 oz.), Dual (1 pt.) followed by Liberty (32 oz.)
Insect Management:
Disease Management:
Other Foliar Apps:
Water Management: furrow 5 times
Harvest Aids:
Harvest Date: 10/19/2017

Division 8 – Conventional Division (Entire State, production of non-GMO soybean)

Chad Avery Halbert	St. Francis	Ellis	82.122 bu/a
Brandon Stephens	Cross	eMerge 4993	79.345 bu/a
Mark Nix	Cross	eMerge 4892	69.422 bu/a

Producer: Chad Avery Halbert

Variety/Technology: Ellis

Planting Date: 4/19/2017

Previous Crops: Rice/Soybean/Rice

Soil Type: silt loam

Fertilizer: 300 # potash, 300 lb. triple, actagro Monarch 1.5 gallon, 1000 # top choice

Planter/Row Width: 30"

Seeding Rate/Depth: 120,000

Seed Treatment: CruiserMaxx, Vibrance

Pest Control

Preplant – Dual

Weed Management:

Post-emergent – Select & Dual

Insect Management: Besiege (8 oz.)

Disease Management: Priaxor, Actagro Monarch

Other Foliar Apps:

Water Management: 1 time July 10 - 3 inches

Harvest Aids:

Harvest Date: 10/30/2017

Producer: **Brandon Stephens**

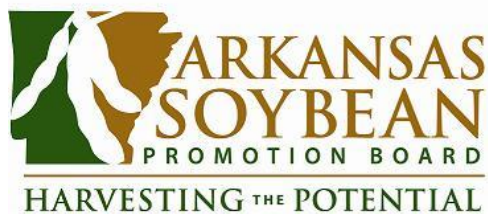
Variety/Technology: eMerge 4993
Planting Date: 4/12/2017
Previous Crops: Corn/Soybean/Corn
Soil Type: silt loam
Fertilizer: 0-40-90 + Boron
Planter/Row Width: 15"
Seeding Rate/Depth: 150,000
Seed Treatment: Cruiser
Pest Control

Weed Management: Preemergence – Zidua & Boundary,
Post-emergent – Warrior Ultra & Section 3 (Select)
Insect Management: Besiege on margins (4 oz.)
Disease Management: Trivapro (6 oz.)
Other Foliar Apps:
Water Management: 6/12, 6/24, 7/8, 7/20
Harvest Aids:
Harvest Date: 10/6/2017

Producer: **Mark Nix**

Variety/Technology: eMerge 4892
Planting Date: 5/9/2017
Previous Crops: Soybean/Soybean/Corn
Soil Type: silt loam
Fertilizer: 200 lb. 0-20-30 on 3/25
Planter/Row Width: 38" twin
Seeding Rate/Depth: 130,000
Seed Treatment:
Pest Control

Weed Management: Preemergence – Valor
Post-emergent – Liberty, Zidua
Insect Management: Prevathon
Disease Management: Stratego YLD
Other Foliar Apps:
Water Management: 2 times
Harvest Aids:
Harvest Date: 10/4/2017



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 Agricultural Experiment Station and Cooperative Extension Service.

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