

# 2016

## 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 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/a, and Sherrie Miles also attained membership into the Arkansas 100 Bushel Club with a recorded yield of 106.5 bu/a and Matt Miles again broke the 100 bushel mark with a 100.6 bu/a yield. In 2015 we added two new inductees into the Arkansas 100 Bushel Club: Perry Galloway attained a soybean grain yield of 109 bu/a and Charles Galloway obtained grain yields of 101 bu/a and Matt Miles for the third year in row broke the 100 bu/a soybean yield record with grain yields of 109 bu/a.

The current contest, 2016 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:

Arkansas Soybean Association  
1501 N Pierce, Suite 100,  
Little Rock AR 72207  
501-666-1418 office  
501-666-2510 fax  
swsoy@aristotle.net  
www.arkansassoybean.org

## 2016 Race for 100 & Grow for the Green Yield Contest Facts

96 entries

41 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/a mark. Three producers achieved 100 bu/a 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 achieved the 100 bu/ac achieved the 100 bushel mark

- 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:

- \$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/a

## 2016 100 BUSHEL PER ACRE WINNERS



MARTIN HENRY – 113.888 BU/A



EDDIE WRAY – 109.901 BU/A  
ANNETTE WRAY – 109.843 BU/A  
NATALIE WRAY  
JAMES WRAY, JR. – 118.802 BU/A

PHOTO BY FORREST LAWS



LAYNE MILES – 100.994 BU/A



MIKEY TAYLOR 101.319 BU/A  
ALSO PICTURED: WELLS TAYLOR

PHOTO BY DAVID BENNETT

# **An Overview of Production Practices used by Producers Obtaining Top Soybean Yields in the 2016 Arkansas Grow for the Green Yield Challenge Contest**

Drs. Lanny Ashlock\* and Jeremy Ross\*

## **Introduction**

Again in 2016, 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 Extension recommendations.

The 2016 GFTG program consisted of 96 registered producers, with 41 of these entries qualifying for prize consideration by obtaining yields of 60 Bu/A or better from their GFTG entry fields. In addition, 20 of these 41 producers (49%) recorded verified grain yields of 90 bu/a or higher, which is the highest percentage of the official finalist to obtain this goal. For the last 3 years (2013, 2014 and 2015), the GFTG contest program averaged 3 contestants per year who obtained grain yields of 100+ bu/a yield, but in 2016 a total of 6 new producers accomplished this feat. They now join the **Arkansas Soybean 100 Bushel Club**, which now consist of a total of 12 soybean producers that have obtained certified soybean grain yields within the AGFG contest guidelines. Also, new for 2016, were the impressive yields from the few dicamba tolerant soybean varieties which were included in the 2016 GFTG contest (these were also entered in the 2016 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/a and often exceeding 90 or even 100 bu/a. In general, (but not always), these same management practices are supported by the basic and applied research conducted by the University of Arkansas System Division of Agriculture research scientists and extension specialists.

## **Soils, Tillage, Fertilization 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 these 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. This enables producers to plant as soon as field 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 GFTG contest fields are planted to soybean following corn, cotton, and sorghum.

### **Applications of Fertilizer Materials**

When reviewing the fertilizer practices among the GFTG producers, it is difficult to draw strong conclusions except that **the vast majority do apply some commercial fertilizer and/or poultry litter (especially if soil test analysis recommends such additions)**. The top producing 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 transports of sugars in the soybean plant. ***Much of the recent and current research does not necessarily support many of these foliar in-season applications 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 Width**

**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 marketing 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**. It's important to note that there have been a few exceptional yields obtained from late maturity group III (MGIII) varieties. Many of these top producers started out utilizing seeding rates that are in excess of 180,000 seed/a, but most have reduced their seeding rates to **130,000 to 165,000 seed/a**. Depending on planting method, the range in seeding rates by GFTG producers in 2014 varied from 82,000 to 200,000 seeds per acre while in **2015 and 2016 the range in seeding rates by the GFTG participants was from 120,000 to 180,000 with an approximate average of 150,000 seeds/a**. Most top soybean producers treat their seed with an approved fungicide and a neonicotinoid insecticide such as CruiserMaxx.

Research findings tend to support row widths of less than 30 inches wide, and most current GFTG producers place **emphasis on reducing the effective row widths to 30 inches or less** by

drilling or planting twin rows on a 38-40 inch bed—again, most high yield soybean producers strive to develop a program wherein the row spacing doesn't exceed 30 inches. A major consideration for these producers is to bed the field to facilitate an early planting while producing 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 spacing between row widths, 100+ bu/a 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 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 increases 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 and 2016. In 2015, almost all GFTG producers applied an insecticide onto their contest field mainly to reduce stink bug infestations, and it is assumed that this was the case in 2016.

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 include an insecticide) as insurance for those "just in case" situations. As a note, in 2014, when the current state record yield of 112 bu/a was obtained from a field in District 6 (SE AR) the GFTG producer did not apply a fungicide, however this field did receive an insecticide application to reduce stinkbugs. In 2016 some of the contestants, especially in Districts 1 and 2 had to deal with a relatively new disease **"Target Spot"**. This is a relatively new disease and has in the past not been considered as economically damaging, but was of serious concern and some fields received 2 fungicide applications. Over 90% of the GFTG fields received at 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 NE and western AR in 2016. Again, since contest fields often (but not always) received extra attention, some surface irrigated fields (furrow) received 6, 7 and even 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/A and in 2016 there was one non-irrigated field that produced yields of 67.4 Bu/A**. Some of the fields that were irrigated received from 11 to 13 irrigation events. Again in 2016, although much of the state received adequate to excessive rainfall early in the season, most areas experienced a rather dry August and September resulting in many GFTG producers applying from 4 to 6 irrigation events but one field (Dabbs fine sandy loam soil texture) received 13 furrow irrigation applications. 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 both the 2015 and 2016 GFTG program.

### **Harvest Aids**

In 2015 and 2016, there were very few GFTG producers that applied a desiccant to facilitate the harvest operation. 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 2016 crop season started out as similar to 2013, 2014 and 2015 with wetter conditions especially early in the crop year but August and September proved to be warmer and even dryer than even 2015. And 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 the top three producers within the state (by division) as well as all 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:**

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 entire program is indebted to the outstanding cooperation from faculty 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.

\*Dr. Lanny Ashlock serves of the board of the Arkansas Soybean Association and is the former research coordinator for the Arkansas Soybean Promotion Board in the area of Project Management. Dr. Jeremy Ross is the Extension Agronomist - Soybean and Associate Professor within the Crop, Soil and Environmental Science Department, University of Arkansas System Division of Agriculture.

## **DIVISION 1 – NORTHEAST DELTA (MISSISSIPPI, CRITTENDEN, AND EAST OF CROWLEY’S RIDGE IN CLAY, GREENE, CRAIGHEAD, POINSETT, CROSS COUNTIES)**

JAMES WRAY	TRUMANN	PIONEER P47T36R	118.802 BU/A
BARBARA WRAY	TRUMANN	PIONEER P46T21R	109.843 BU/A
EDDIE WRAY	TRUMANN	PIONEER P47T36R	109.701 BU/A
GREG WOMACK	LAKE CITY	PIONEER P47T36R	92.620 BU/A

<b>Producer:</b>	<b>James Wray-James Wray Farms</b>
Variety/Technology:	Pioneer P47T36R RR
Planting Date:	4/12/16
Previous Crops:	Rice/Corn/Soybeans
Soil Type:	Silt Loam
Fertilizer:	Variable Rate – 80 Bus Recommendation
Planter/Row Width:	JD Single Row 1720/38”
Seeding Rate/Depth:	125,000/1.5”
Seed Treatment:	Seed Shield, First Up, Kickstand
Pest Control	
Weed Management:	Preplant – Roundup, Dicamba Preemerge – Envive Post Emerge – Roundup
Insect Management:	None
Disease Management:	Approach Prima
Other Foliar:	Coron 10-0-10, 5% Boron
Water Management:	Once A Week – 8 Times
Harvest Aides:	None
Harvest Date:	9/26/16

<b>Producer:</b>	<b>Barbara Annette Wray – Wray Ridge Farms</b>
Variety/Technology:	Pioneer P46T21R RR
Planting Date:	4/8/16
Previous Crops:	Rice/Soybeans/Cotton
Soil Type:	Sandy Loam
Fertilizer:	Variable Rate – 80 Bus Recommendation-Fall Application
Planter/Row Width:	JD Single Row 1720/38”
Seeding Rate/Depth:	125,000/1.5”
Seed Treatment:	Seed Shield, First Up, Kickstand
Pest Control	
Weed Management:	Preplant – Roundup, Dicamba Preemerg – Envive Post Emerge – Roundup, Warrant Ultra
Insect Management:	None
Disease Management:	Aproach Prima
Other Foliar:	Coron 10-0-10, 5% Boron
Water Management:	Once a Week – 5 Times Furrow

Harvest Aides: None  
Harvest Date: 9/28/16

**Producer: James E Wray Jr. – Eddie Wray Farms**

Variety/Technology: Pioneer P47T36R RR  
Planting Date: 4/9/16  
Previous Crops: Rice/Soybeans/Rice  
Soil Type: Silt Loam  
Fertilizer: Variable Rate – 80 Bus Recommendation  
Planter/Row Width: JD Single Row/38”  
Seeding Rate/Depth: 125,000/1.5”  
Seed Treatment: Seed Shield, First Up, Kickstand  
Pest Control  
Weed Management: Preplant – 32 oz Roundup, Dicamba  
Preemergence – 3.5 oz Envive  
Post Emergence – 32 oz Roundup, 50 oz Warrant Ultra  
Insect Management: None  
Disease Management: Aproach Prima @ R3  
Other Foliar: 2 qt Maxx-In Sulfur  
Water Management: Once a Week – 6 Times Furrow  
Harvest Aides: None  
Harvest Date: 9/16/16

**Producer: Greg Womack – Womack Enterprises Partnership**

Variety/Technology: Pioneer P47T36R RR  
Planting Date: 4/13/16  
Previous Crops: Cotton/Soybeans/Soybeans  
Soil Type: Dubbs Fine Sandy Loam  
Fertilizer: 0-30-90 On 2/10/16, 120 Lb Urea 5/24/16  
Planter/Row Width: Maxx Emergence Xp  
Seeding Rate/Depth: 125000, 1.25”  
Seed Treatment: CruiserMaxx  
Pest Control  
Weed Management: Preplant – Burndown Roundup (48 oz), Firstshot (.75), Dicamba (9.5 oz)  
Preemergence – Gramoxone (36 oz), Prefix (40 oz)  
Post Emergence – Zidua (2 oz), Roundup (32 oz)  
Insect Management: Acephate (1 lb) On 6/19/16  
Disease Management: Priaxor (8 oz)  
Other Foliar: 32 oz Thrive, 4 oz Arrive Plus, 48 oz Maxxin Sulphur  
Water Management: Furrow 13 Times  
Harvest Aides: None  
Harvest Date: 9/22/16

**DIVISION 2-NORTHEAST – (RANDOLPH, LAWRENCE, AND WEST OF CROWLEY’S RIDGE IN CLAY, GREENE, CRAIGHEAD, POINSETT, CROSS COUNTIES)**

BRAD FRENCH	O’KEAN	PIONEER 93Y92	90.398 BU/A
CHRIS VANAMAN	HICKORY RIDGE	ARMOR 48-D24	89.755 BU/A
BRIAN MACK	WEINER	ARMOR 46-D08	88.780 BU/A
JASON PARKER	HARRISBURG	PIONEER P41T33R	86.088 BU/A
BLAKE GOODMAN	CORNING	PIONEER P47T36R	81.538 BU/A
BRUCE CATT	CORNING	PIONEER P47T89R	81.415 BU/A
KARL GARNER	WYNNE	PIONEER P47T36R	80.872 BU/A
BRIAN TEAGUE	WEINER	ARMOR 47-L10	68.772 BU/A

**Producer: Brad French – BRW Farms**

Variety/Technology: Pioneer 93Y92 RR

Planting Date: 4/10/2016

Previous Crops: Rice/Rice/Soybeans

Soil Type: Silt Loam

Fertilizer: 0-40-60

Planter/Row Width: Case 1230/30”

Seeding Rate/Depth: 155,000/1/2”

Seed Treatment: Dynastart Maxx Equit, Concensus

Pest Control

Weed Management: Preplant – Karate Z  
Preemerge – Intimidator  
Post Emerge – Makaze & Warrant

Insect Management: Karate 2, 2 oz Belt

Disease Management: Stratego Xld

Other Foliar:

Water Management: Every 10 Days or As Needed

Harvest Aides: 2 oz Sharpen

Harvest Date: 9/6/16

**Producer: Chris Vanaman Farms**

Variety/Technology: Armor 48-D24 RR2X

Planting Date: 4/15/2016

Previous Crops: Rice/Soybeans/Rice

Soil Type: Crowley Silt Loam

Fertilizer: 250 Lbs 0-18-6

Planter/Row Width: John Deere Air Drill, 7.5”

Seeding Rate/Depth: 175,000, ¾ “

Seed Treatment:

Pest Control

Weed Management: Roundup & Select 2x  
Preplant –  
Preemerge –

Post Emergence -

Insect Management:

Disease Management:

Other Foliar:

Water Management: 7/5,7/14,7/25,8/4,8/12 – 1.5 “ Each Time

Harvest Aides:

Harvest Date: 10/7/16

**Producer: Brian Mack-Brian & Kelly Mack Farm Partnership**

Variety/technology: Armor 46-D08 RR2X

Planting Date: 4/15/16

Previous Crops: Rice/Soybeans/Rice

Soil Type: Silt Loam

Fertilizer: 0-46-120 Applied 4-12-16

Planter/Row Width: Monosem Twin Row/38”

Seeding Rate/Depth: 150,000/.5”

Seed Treatment: Apron, Maxxim

Pest Control

Weed Management: Preplant –

Preemerge – 4/13/16 – 32 oz Roundup PowerMaxx,

5 Oz Verdict, ½ % Destiny, 32 oz Ams

Post Emerge – 5/16/16 – 2.5 pt Sequence, 10 oz PowerMaxx

Insect Management: ½ lb Acephate

Disease Management: 7 oz Quardris Top SBX

Other Foliar:

Water Management: 2 “ 6/6, 6/20, 7/1, 7/15

Harvest Aides: 1 pt Gramoxone

Harvest Date: 9/30/16

**Producer: Jason Parker**

Variety/Technology: Pioneer P41T33R RR

Planting Date: 4/20/16

Previous Crops: Corn/Soybeans/Corn

Soil Type: Arkabutla Silt Loam

Fertilizer: 18-46-90 20 Lbs Hydra Hume (Humic Acid)

Planter/Row Width: John Deere DR Planter, Twin 10” On 38” Center

Seeding Rate/Depth: 160,000, 1”

Seed Treatment: Seed Shield

Pest Control

Weed Management: Preplant – Roundup & First Shot

Preemerge – Fierce

Post Emerge – Roundup, Prefix & ENC (11-8-5 + Micronutrients)

Insect Management: Prevathon @ R1 & R3

Disease Management: Aproach Prima @ R1 Fb Domark @ R3

Other Foliar: 1 lb Sulfur Complete @ R1/Coron 10-0-10-.5B @R3

Water Management: Furrow 6/13,6/24,7/5,7/15,7/26,8/8,8/18,9/5 – 1.5 “

Harvest Aides:

Harvest Date: 9/28/16

**Producer: Blake Goodman-Goodman Farms Jv**

Variety/Technology: Pioneer P47T36R RR

Planting Date: 5/7/2016

Previous Crops: Rice/Corn/Soybeans

Soil Type: Amagon Silt Loam

Fertilizer: 0-40-90

Planter/Row Width: JD 1720/30”

Seeding Rate/Depth: 165,000/

Seed Treatment: Pioneer Premium Seed Treatment

Pest Control

Weed Management: Preplant – Metribuzin, Zidua

Preemerge – Roundup

Post Emerge –

Insect Management: Karate Z

Disease Management: Quadris Top

Other Foliar:

Water Management: 5 Irrigations

Harvest Aides: None

Harvest Date: 10/17/16

**Producer: Bruce Catt-Catt Farms**

Variety/Technology: Pioneer P47T89R RR

Planting Date: 4/12/2016

Previous Crops: Rice/Soybeans/Rice

Soil Type: Jackport Silty Clay

Fertilizer: 0-60-100

Planter/Row Width: 30”

Seeding Rate/Depth: 140,000

Seed Treatment: CruiserMaxx

Pest Control

Weed Management: Preplant –

Preemerge – Valor

Post Emerge – Prefix

Insect Management: Prevathon

Disease Management: Aproach Prima

Other Foliar:

Water Management: Furrow 6 Times

Harvest Aides: None

Harvest Date: 9/30/16

**Producer: Karl Garner – Foothill Farm**

Variety/Technology: Pioneer P7T36R RR  
Planting Date: 4/23/16  
Previous Crops: Soybeans/Soybeans/Corn  
Soil Type: Arkabutla Silt Loam  
Fertilizer: 84p-252k-7.3 Ph  
Planter/Row Width: John Deere Dr Planter, 8" Twin on 38" Centers'  
Seeding Rate/Depth: 140,000, ¾"  
Seed Treatment:  
Pest Control  
Weed Management: Preplant –  
Preemergence -2 oz Valor  
Post Emergence – 32 oz Roundup, 1 ½ oz Zidua, 16 oz Flexstar  
Insect Management:  
Disease Management: 12 oz Quadris Top SB  
Other Foliar: 8 oz Bioforge, 32 oz Sugar Mover  
Water Management: 7/5, 7/14, 7/25, 8/4, 8/12, 8/20 – 1.5" Each Time  
Harvest Aides:  
Harvest Date: 9/20/16

**Producer: Brian Teague – Papa R Farms**

Variety/Technology: Armor 47-L10 LL  
Planting Date: 4/15/2016  
Previous Crops: No info  
Soil Type: No info  
Fertilizer: No info  
Planter/Row Width: Drill 7.5"  
Seeding Rate/Depth: 150,000  
Seed Treatment: No info  
Pest Control  
Weed Management: Preplant –  
Preemergence –  
Post Emergence – Liberty  
Insect Management: Disease Management:  
Other Foliar:  
Water Management: Furrow 6 Times  
Harvest Aides: None  
Harvest Date: 9/23/2016

## DIVISION 3 – WHITE RIVER BASIN – (INDEPENDENCE, JACKSON, WOODRUFF, WHITE, MONROE COUNTIES)

PERRY GALLOWAY	GREGORY	PIONEER P41T33R	97.092 BU/A
TERRY FULLER	POPLAR GROVE	PIONEER P47T36R	83.317 BU/A
JERRY FULLER	POPLAR GROVE	PIONEER P47T36R	80.278 BU/A
KYLE FULLER	POPLAR GROVE	PIONEER P47T36R	76.300 BU/A
NEIL CULP	MARVELL	PIONEER P47T36R	72.175 BU/A

**Producer:** Perry Galloway – Galloway Cotton Farms

Variety/Technology:	Pioneer P41T33R	RR
Planting Date:	4/24/16	
Previous Crops:	Corn/Soy/Corn	
Soil Type:	Dubbs	
Fertilizer:	2 Tons Poultry Litter	
Planter/Row Width:	JD 1725, 38" Twin	
Seeding Rate/Depth:	140000	
Seed Treatment:	Pioneer Premium Seed Treatment	
Pest Control		
Weed Management:	Preplant –	
	Preemerge – 1 pt Metolachlor, 4 oz Metribuzin	
	Post Emerge – Prefix	
Insect Management:	Prevathon	
Disease Management:	Priaxor, Quadris Top SBX	
Other Foliar:		
Water Management:	Furrow	
Harvest Aides:	8 oz Paraquat	
Harvest Date:	10/12/16	

**Producer:** Terry Fuller – Terry Fuller Farms

Variety/Technology:	Pioneer P47T36R	RR
Planting Date:	4/5/16	
Previous Crops:	Soybeans/Soybeans/Corn	
Soil Type:	Memphis Silt Loam	
Fertilizer:	150 lb 0-30-60	
Planter/Row Width:	JD 1890, 7.5" 40 ft Wide	
Seeding Rate/Depth:	155,000	
Seed Treatment:	CruiserMaxx	
Pest Control		
Weed Management:	Preplant – Dicamba, Glyposhate	
	Preemerg – Fierce	
	Post Emerge – Dual, Roundup	
Insect Management:		
Disease Management:	Quadris Top 8 oz	
Other Foliar:		

Water Management: Furrow 6 Times  
Harvest Aides: None  
Harvest Date: 9/15/16

**Producer: Jerry Fuller – Jerry Fuller Farms**

Variety/Technology: Pioneer P47T36R RR  
Planting Date: 4/8/2016  
Previous Crops: Corn/Soybeans/Soybeans  
Soil Type: Memphis Silt Loam  
Fertilizer: 150 lb K  
Planter/Row Width: JD 1890, 7.5"  
Seeding Rate/Depth: 145,000  
Seed Treatment: CruiserMaxx  
Pest Control  
Weed Management: Preplant –  
Preemerge –Fierce  
Post Emerge – Glyphosate & Dual, Glyphosate

Insect Management:

Disease Management: Quadris Top

Other Foliar:

Water Management: Furrow 6 Times  
Harvest Aides: None  
Harvest Date: 9/20/2016

**Producer: Kyle Fuller – Ray Fuller Farms**

Variety/Technology: Pioneer P47T36R RR  
Planting Date: 3/29/2016  
Previous Crops: Corn/Soybeans/Soybeans  
Soil Type: Memphis Silt Loam  
Fertilizer: 150 lb 0-30-60  
Planter/Row Width: Drill 7.5"  
Seeding Rate/Depth: 150,000/1.5"  
Seed Treatment: CruiserMaxx  
Pest Control  
Weed Management: Preplant –  
Preemerge – Fierce  
Post Emerge – Glyphosate & Dual, Glyphosate

Disease Management:

Insect Management:

Other Foliar:

Water Management: 6 Times  
Harvest Aides: None  
Harvest Date: 9/13/2016

**DIVISION 4 – CENTRAL & GRAND PRAIRIE- (PULASKI, LONOKE, PRAIRIE, ARKANSAS COUNTIES)**

DREW COUNCE	DEWITT	NK S47-K5	95.177 BU/A
REGAN COUNCE	DEWITT	NK S47-K5	93.763 BU/A
JASON BERRY	DEWITT	ARMOR 49-R56	91.798 BU/A
TAYLOR BURDETT	STUTT GART	PIONEER P47T36R	90.828 BU/A
KIRK MEINS	STUTT GART	PIONEER P47T36R	90.598 BU/A
DAVID STROHL	DEVALLS BLUFF	DYNAGRO 39RY43	88.339 BU/A
BRANDON ROGERS	STUTT GART	PIONEER P48T53R	87.650 BU/A
BRUCE MORGAN	DEWITT	PIONEER P47T46R	82.090 BU/A
DAVID HORNBECK	DEWITT	ASGROW AG4632	74.741 BU/A
MATTHEW FEILKE	STUTT GART	ASGROW AG4632	73.987 BU/A
NEIL BENNETT JR	LONOKE	ASGROW AG4632	73.155 BU/A

**Producer: Drew Counce – Drew Counce Farms**

Variety/Technology: NK S47-K5 RR2Y  
Planting Date: 4/7/16  
Previous Crops: Rice/Soybeans/Soybeans  
Soil Type: Silt loam  
Fertilizer: 450 lb 0-18-36  
Planter/Row Width: 30"  
Seeding Rate/Depth: 135,000  
Seed Treatment: CruiserMaxx  
Pest Control  
Weed Management: Preplant – Boundary  
Preemergence –  
Post Emergence – Prefix & Roundup  
Insect Management: Beseige  
Disease Management: Quadris Top @R3, Quadris SBX @ R5  
Other Foliar:  
Water Management: Furrow 6 Times  
Harvest Aides: None  
Harvest Date: 9/27/2016

**Producer: Regan Counce – RR Farms**

Variety/Technology: NK S47-K5 RR2Y  
Planting Date: 4/12/16  
Previous Crops: Rice/Soybeans/Soybeans  
Soil Type: Silt loam  
Fertilizer:  
Planter/Row Width: 30"  
Seeding Rate/Depth: 140,000, 1.25"  
Seed Treatment: CruiserMaxx  
Pest Control  
Weed Management: Preplant – Zidua

Preemerg –  
Post Emerge – Roundup & Flexstar  
Insect Management: Karate Z  
Disease Management: Priaxor @R3, Priaxor@R5  
Other Foliar:  
Water Management: Furrow 6 Times  
Harvest Aides: 1 oz Sharpen & 3 qts Sodium Chlorate  
Harvest Date: 9/27/2016

**Producer: Jason Berry – Big Red Farms**

Variety/Technology: Armor 49-R56 RR2Y  
Planting Date: 4/24/16  
Previous Crops: Corn/Soybeans/Soybeans  
Soil Type: Silt loam  
Fertilizer: 300 lbs 0-26-26 Preplant  
Planter/Row Width: 38"  
Seeding Rate/Depth: 150,000  
Seed Treatment: CruiserMaxx  
Pest Control  
Weed Management: Preplant – 5 oz Verdict  
Preemerg –  
Post Emerge – Roundup Only

Insect Management:  
Disease Management: Priaxor @R3, Priaxor @R5  
Other Foliar:  
Water Management: Furrow 5 Times  
Harvest Aides: None  
Harvest Date: 10/3/2016

**Producer: Taylor Burdett – Burdett Farming Partnership**

Variety/Technology: Pioneer P47T36R RR  
Planting Date: 4/26/15  
Previous Crops: Rice/Soybeans/Soybeans  
Soil Type: Silt Loam  
Fertilizer: Variable Rate 4/24/16, Triple K  
Planter/Row Width: JD Max-Emerge (Vacuum) 30"  
Seeding Rate/Depth: 130,000, 1"  
Seed Treatment: Revize SB+  
Pest Control  
Weed Management: Preplant –  
Preemerg –  
Post Emerge – Roundup (32 oz), Flexstar (6 oz) – 1 Trip

Insect Management:  
Disease Management: Priaxor (1 Time)

Other Foliar:

Water Management: Field Watered Every 10 Days Starting June 10 – Total 7

Harvest Aides: None

Harvest Date: 9/29/2016

**Producer: Kirk Meins – S & D Farm Partnership**

Variety/Technology: Pioneer P47T36R RR

Planting Date: 4/25/16

Previous Crops: Soybeans/Rice/Soybeans

Soil Type: Stuttgart & Dewitt Silt Loam

Fertilizer: 29-154-158 (2.4 T Litter) 10/7/15

Planter/Row Width: JD 1990 Ccs Drill, 7.5"

Seeding Rate/Depth: 140,000, 1.5"

Seed Treatment: Revize SB+

Pest Control

Weed Management: Preplant –

Preemergence – Valor (20 oz)

Post Emergence – Roundup PowerMaxx (24 oz) Twice

Insect Management:

Disease Management: Priaxor D (8 oz)

Other Foliar:

Water Management: 6/21, 7/2, 7/23, 8/6, 8/30

Harvest Aides: None

Harvest Date: 9/30/2016

**Producer: David Strohl – D&C Farms**

Variety/Technology: Dynagro 39RY43 RR2Y

Planting Date: 4/25/16

Previous Crops: Rice/Beans/Rice

Soil Type: Silt Loam

Fertilizer: 0-80-150 On 4/23/16

Planter/Row Width: JD 7300 (10 Row), 30"

Seeding Rate/Depth: 130,000

Seed Treatment: Equity (Fungicide & Insecticide)

Pest Control

Weed Management: Preplant –

Preemergence-

Post Emergence – Glyphosate & Flexstar (8 oz) fb. Glyphosate & Prefix (2pt)

Insect Management: 5 oz Sniper, ½ lb Acephate on 8/20

Disease Management: 4 oz Priaxor & 6 oz Fitness @ R3

Other Foliar:

Water Management: Began 6/15 – 6 X At 8 Day Intervals

Harvest Aides:

Harvest Date: 9/22/16

**Producer: Brandon Rogers – Rogers Family Partnership**

Variety/Technology: Pioneer P48T53R RR  
Planting Date: 4/25/16  
Previous Crops: Corn/Soybeans/Corn  
Soil Type: Silt Loam  
Fertilizer: Variable Rate 4/25/16 Preplant, 75 lbs Ams & 50 lbs Urea @ R3  
Planter/Row Width: 30"  
Seeding Rate/Depth: 140,000  
Seed Treatment: Innvictis Revize SB+  
Pest Control  
Weed Management: Preplant – 1 oz Zidua & 2.1 oz Scepter  
Preemerg –  
Post Emerge – 40 oz Envy Intense & 0.5 oz Classic & 1 oz Zidua  
Insect Management: 10 oz Prevathon  
Disease Management: 8 oz Priaxor D @R3, 4 oz Priaxor @R5  
Other Foliar: 32 oz Thrive, 1 gal Delivered K Plus  
Water Management: Every 10 Days  
Harvest Aides: None  
Harvest Date: 9/26/2016

**Producer: Bruce Morgan – BMC Farms**

Variety/Technology: Pioneer P47T46R RR  
Planting Date: 4/15/2016  
Previous Crops: Corn/soybeans/corn  
Soil Type: Sandy Loam  
Fertilizer: 0-50-60 Chicken Litter (1 ton/acre)  
Planter/Row Width: 30" drilled  
Seeding Rate/Depth: 135,000  
Seed Treatment: CruiserMaxx  
Pest Control  
Weed Management: Preplant – Sharpen  
Preemerg – Boundary (generic)  
Post Emerge – Prefix/Roundup  
Insect Management: Acephate (3/4 lb/a), Prevathon  
Disease Management: Priaxor (R-3)  
Other Foliar: Foliar K (gallon/acre)  
Water Management: Furrow  
Harvest Aides: None  
Harvest Date: 9/23/2016

**Producer:** David Hornbeck – Gunsmoke Farms  
Variety/Technology: Asgrow AG4632 RR2Y/SR  
Planting Date: 3/6/16  
Previous Crops: Soybeans/Soybeans/Soybeans  
Soil Type: Silt Loam  
Fertilizer: 100 lbs 0-0-60 Pre, 100 lbs Amm Sulfate At R3  
Planter/Row Width: 30"  
Seeding Rate/Depth: 140,000  
Seed Treatment: CruiserMaxx  
Pest Control  
Weed Management: Preplant –  
Preemerge – 15 oz Zidua & 5 oz Verdict  
Post Emerge – Roundup & Prefix  
Insect Management:  
Disease Management: 4 oz Priaxor & 6 oz Tilt @ R5  
Other Foliar:  
Water Management: Furrow 4 Times  
Harvest Aides: None  
Harvest Date: 10/7/16

**Producer:** Matthew Feilke – Matthew & Sally Feilke Farms  
Variety/Technology: Asgrow AG4632 RR2Y/SR  
Planting Date: 4/22/16  
Previous Crops: Corn/Soybeans/Corn  
Soil Type: Stuttgart Silt Loam  
Fertilizer: 0-60-90 on 4/22/16  
Planter/Row Width: John Deere 1720 16R30, 30"  
Seeding Rate/Depth: 140,000, 1.5"  
Seed Treatment: CruiserMaxx  
Pest Control  
Weed Management: Preplant – Roundup/Sharpen  
Preemerge – Boundary  
Post Emerge – Roundup/Dual  
Insect Management:  
Disease Management:  
Other Foliar:  
Water Management: 4 Times – 2 Inch Each, 6/1,6/15,7/5,7/23  
Harvest Aides: None  
Harvest Date: 10/6/16

<b>Producer:</b>	<b>Neil Bennett Jr</b>	
<b>Variety/Technology:</b>	<b>Asgrow AG4632</b>	<b>RR2Y/SR</b>
<b>Planting Date:</b>	<b>4/1/16</b>	
<b>Previous Crops:</b>	<b>No info</b>	
<b>Soil Type:</b>	<b>No info</b>	
<b>Fertilizer:</b>	<b>No info</b>	
<b>Planter/Row Width:</b>	<b>No info</b>	
<b>Seeding Rate/Depth:</b>	<b>No info</b>	
<b>Seed Treatment:</b>		
<b>Pest Control:</b>	<b>No info</b>	
<b>Weed Management:</b>	<b>Preplant –</b>	
	<b>Preemerg –</b>	
	<b>Post Emerge –</b>	
<b>Insect Management:</b>		
<b>Disease Management:</b>		
<b>Other Foliar:</b>		
<b>Water Management:</b>	<b>No info</b>	
<b>Harvest Aides:</b>	<b>No info</b>	
<b>Harvest Date:</b>	<b>9/26/2016</b>	

## **DIVISION 5 – EAST CENTRAL DELTA (ST. FRANCIS, LEE, PHILLIPS, DESHA -SNOW LAKE AREA, COUNTIES) CENTRAL & GRAND PRAIRIE (PULASKI, LONOKE, PRAIRIE, ARKANSAS COUNTIES)**

MICHAEL TAYLOR JR	HELENA	ASGROW AG47X6	101.319 BU/A
NEIL CULP	MARVELL	ASGROW AG47X6	95.545 BU/A
CHRIS CARNATHAN	HELENA	ASGROW AG4632	94.082 BU/A
TINA CARNATHAN	LEXA	PIONEER P47T36R	93.844 BU/A
BLAKE CULP	MARVELL	ASGROW AG47X6	93.106 BU/A
JEFF CARNATHAN	POPLAR GROVE	PIONEER P47T36R	92.585 BU/A

**Producer:** Michael Taylor Jr – Long Lake Plantation

Variety/Technology:	Asgrow AG47X6	RR2X/SR
Planting Date:	4/8/16	
Previous Crops:	Corn/Beans/Beans	
Soil Type:	Robinson Fine Sandy Loam	
Fertilizer:	100 lb K Variable Rate	
Planter/Row Width:	12 Row, 30"	
Seeding Rate/Depth:	145,000, 1.5 "	
Seed Treatment:	CruiserMaxx	
Pest Control		
Weed Management:	Preplant – Glyphosate & 2,4-D	
	Preemerg – Fierce	
	Post Emerge – Glyphosate Plus Dual	
Insect Management:		

Disease Management:Quadris  
Other Foliar:  
Water Management: 6 Times  
Harvest Aides:  
Harvest Date: 9/15/16

**Producer: Neil Culp – Double A Farms**  
Variety/Technology: Asgrow AG47X6 RR2X/SR  
Planting Date: 4/7/16  
Previous Crops: Soybeans/Corn/Soybeans  
Soil Type: Dundee Silt Loam  
Fertilizer: 100 lb K  
Planter/Row Width: 30"  
Seeding Rate/Depth: 140,000, 1.5"  
Seed Treatment: CruiserMaxx  
Pest Control  
Weed Management: Preplant –  
Preemerge – Intimidator  
Post Emerge – Sequence Python  
Insect Management: Sniper @ R3  
Disease Management:Priaxor @R3  
Other Foliar:  
Water Management: Furrow 7 Times  
Harvest Aides: None  
Harvest Date: 9/21/16

**Producer: Chris Carnathan – Carnathan Group**  
Variety/Technology: Asgrow AG4632 RR2/SR  
Planting Date: 4/8/16  
Previous Crops: Corn/Soybeans/Soybeans  
Soil Type: Dubbs Silt Loam  
Fertilizer: 100 Units K, 50 Units P  
Planter/Row Width: JD 1720, 30"  
Seeding Rate/Depth: 150,000  
Seed Treatment: CruiserMaxx  
Pest Control  
Weed Management: Preplant –  
Preemerge – Fierce  
Post Emerge – Roundup Dual, Roundup  
Insect Management: Sniper @ R3  
Disease Management:Priaxor @R3  
Other Foliar:  
Water Management: Furrow 7 Times  
Harvest Aides: None  
Harvest Date: 9/8/16

**Producer:** Tina Carnathan – Beaver Bayou Partnership

Variety/Technology: Pioneer P47T36R RR  
Planting Date: 4/12/16  
Previous Crops: Soybeans/Corn/Soybeans  
Soil Type: Dundee Silk Loam  
Fertilizer: 90 Units K, 50 Units P  
Planter/Row Width: JD 1720, 30"  
Seeding Rate/Depth: 145,000, 1.5"  
Seed Treatment: CruiserMaxx  
Pest Control  
Weed Management: Preplant –  
Preemerge – Fierce  
Post Emerge – Glyphosate 2 X  
Insect Management: Sniper @ R3  
Disease Management: Priaxor @R3  
Other Foliar:  
Water Management: Furrow 6 Times  
Harvest Aides: None  
Harvest Date: 9/22/16

**Producer:** Blake Culp – B & L Farms

Variety/Technology: Asgrow AG47X6 RR2X/SR  
Planting Date: 4/25/16  
Previous Crops: Soybeans/Corn/Soybeans  
Soil Type: Calloway Silt Loam  
Fertilizer: 100 lb K  
Planter/Row Width: 30"  
Seeding Rate/Depth: 140,000  
Seed Treatment: CruiserMaxx  
Pest Control  
Weed Management: Preplant –  
Preemerge – Intimidator  
Post Emerge – Sequence Python  
Insect Management: Sniper @ R3  
Disease Management: Priaxor @R3  
Other Foliar:  
Water Management: Furrow 6 Times  
Harvest Aides: None  
Harvest Date: 9/22/16

**Producer:** Jeff Carnathan

Variety/Technology: Pioneer P47T36R RR  
Planting Date: 4/7/16  
Previous Crops: Soybeans/Corn/Soybeans  
Soil Type: Dundee Silk Loam



**Producer: Layne Miles – Double M Farms**

Variety/Technology: NK S47-K5 RR2Y  
Planting Date: 5/6/16  
Previous Crops: Soybeans/Corn/Soybeans  
Soil Type: Silt Loam  
Fertilizer: 1 Ton Litter 1-1-16, 140 lbs K 4/9/16, 128 lbs 30-0-0-14s on 6/22/16  
Planter/Row Width: Monosem Twin Row, 38"  
Seeding Rate/Depth: 160,000, 1"  
Seed Treatment: CruiserMaxx, Vitankerra, Carbose, Rizanate  
Pest Control  
Weed Management: Preplant – 8 oz Dicamba, 2.5 oz Touchdown, 1 oz Leadoff  
Preemergence – 5 oz Verdict, 21 oz Touchdown  
Post Emergence – 32 oz Prefix, 23 oz Touchdown  
Insect Management: Karate, Beseige, Bifenthrin, Acephate  
Disease Management Trivapro, Quadris Top SBX  
Other Foliar: Biologicals  
Water Management: 6/13, 6/20, 7/18, 9/22  
Harvest Aides: 1 gal Sodium Chlorate, 1 pt Firezone  
Harvest Date: 9/16/16

**Producer: Mark Welty – Mark Welty Farms**

Variety/Technology: Dynagro 31RY45 RR2Y  
Planting Date: 4/10/16  
Previous Crops: Corn/Beans/Corn  
Soil Type: Sandy Loam  
Fertilizer: Variable Rate P & K Fall 2015  
Planter/Row Width: Monosem Twin Row, 38"  
Seeding Rate/Depth: 140,000  
Seed Treatment: ApproMaxx  
Pest Control  
Weed Management: Preplant –Roundup, Dicamba, Leadoff  
Preemergence – Gramoxone, Envive  
Post Emergence – Roundup, Flexstar  
Insect Management:  
Disease Management:Quadris Top SB  
Other Foliar:  
Water Management: Furrow 6 Times  
Harvest Aides: None  
Harvest Date: 9/9/16

**DIVISION 7 – WESTERN SECTION OF STATE**

NICHOLAS MOORE	MORRILTON	TERRAL REV 49R94	70.589 BU/A
LUCAS MOORE	MORRILTON	ARMOR 46-R42	67.489 BU/A
TODD E HART	SPRINGFIELD	PIONEER P49T31L	67.401 BU/A

**Producer:** **Nicholas Moore – 3 Brothers Farms Llc**  
Variety/Technology: Terral Rev 49R94 RR  
Planting Date: 5/14/16  
Previous Crops: Wheat & Dc Beans/Corn/Wheat& Dc Beans  
Soil Type: Moreland Silty Clay  
Fertilizer:  
Planter/Row Width: JD 1530, 15”  
Seeding Rate/Depth: 150,000, 1.5”  
Seed Treatment: Fungicide & Insecticide  
Pest Control  
Weed Management: Preplant – Roundup, Leadoff in Early Feb  
Preemergence – Paraquat, Sencor, Valor  
Post Emergence – Roundup, Dual  
Insect Management: Lamba-Cy  
Disease Management:Fungicide @R3  
Other Foliar:  
Water Management: 14 Passes with Pivot  
Harvest Aides: None  
Harvest Date: 10/7/16

**Producer:** **Lucas Moore – 3 Brothers Farm Llc**  
Variety/Technology: Armor 46-R42 RR2Y  
Planting Date: 6/13/16  
Previous Crops: Corn, Wheat/Wheat, Dc Beans/Corn  
Soil Type: Gallion Silt Loam  
Fertilizer: 2 Ton Litter Preplant  
Planter/Row Width: JD 1530, 15”  
Seeding Rate/Depth: 165,000, 1.5”  
Seed Treatment: Helena Seed Shield  
Pest Control  
Weed Management: Preplant –  
Preemergence – Dual, Valor  
Post Emergence – Roundup Dual/Roundup  
Insect Management: 14 oz Prevathon  
Disease Management:Fungicide @ R3  
Other Foliar:  
Water Management: 11 Passes with Pivot  
Harvest Aides: None  
Harvest Date: 10/25/16

**Producer:** **Todd E Hart – Hart & Sons LLC**  
Variety/Technology: Pioneer P49T31L LL  
Planting Date: 5/5/16  
Previous Crops: Wheat Beans/Wheat/Fallow  
Soil Type: Roxana Silt Loam

Fertilizer: 150 lb Potash, 2 Ton Lime Feb  
 Planter/Row Width: JD 1730 Max Emerge, 15"  
 Seeding Rate/Depth: 152,000, 1.25"  
 Seed Treatment: Helena Seed Shield, Graph-Ex SA  
 Pest Control  
 Weed Management: Preplant –  
                                     Preemerge – 3 oz Cloak, 4 oz Metribuzin, 1 pt Metolachlor, 1 qt Parquat  
                                     Post Emerge – 1 pt Metolachlor, 35 oz Liberty  
 Insect Management:  
 Disease Management: 4 oz Statego Yld @R4  
 Other Foliar: Radiate @ V3, Boron @R4  
 Water Management: Dryland (Good Lord Provided)  
 Harvest Aides: None  
 Harvest Date: 10/12/16

## **DIVISION 6 – CONVENTIONAL**

NELSON CROW	DEWITT	UA5612	73.178 BU/A
MARK NIX	WYNNE	EMERGE 4892S	63.052 BU/A

**Producer:** Nelson Crow – Nelson Crow Farms, LLC  
 Variety/Technology: UA 5612 Conv  
 Planting Date: 4/27/16  
 Previous Crops: Corn/Soybeans/Soybeans  
 Soil Type: Herbert Silt Loam  
 Fertilizer: 200 lbs 0-26-26 Fall, 150 lbs Ammonium Sulfate @R3  
 Planter/Row Width: 30"  
 Seeding Rate/Depth: 135,000, 1"  
 Seed Treatment: CruiserMaxx  
 Pest Control  
 Weed Management: Preplant – 5 oz Verdict  
                                     Preemerge  
                                     Post Emerge – –1.5 oz Zidua @ 0.3 oz FirstRate @V3, 1.5 pts Reflex & 12  
   oz Select @V10  
 Insect Management: 1 lb Acephate @R6  
 Disease Management: 4 oz Priaxor @ R3  
 Other Foliar:  
 Water Management: 6 Irrigations  
 Harvest Aides: None  
 Harvest Date: 10/3/16

**Producer:** Mark Nix – Foothill Farms  
Variety/Technology: eMerge e4892s Conv/sts  
Planting Date: 4/15/16  
Previous Crops: Corn/Cotton/Soybeans  
Soil Type: Arkabutla Silt Loam  
Fertilizer: 250 lbs 0-18-36  
Planter/Row Width: John Deere DR Planter, 8" Twin Row on 38" Centers  
Seeding Rate/Depth: 140,000,  $\frac{3}{4}$  "  
Seed Treatment:  
Pest Control  
Weed Management: Preplant – Roundup & Select 2x  
Preemerge – 2 oz Valor & 8 oz Dual  
Post Emerge – 24 oz Warrant & 16 oz Flexstar  
Insect Management:  
Disease Management:  
Other Foliar:  
Water Management: 7/5,7/14,7/25,8/4,8/12 – 1.5" Each  
Harvest Aides: None  
Harvest Date: 10/3/2016



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.

Gary Sitzer, Weiner, Chairman  
Shannon Davis, Bono  
John Freeman, Dumas  
Glynn Guenther, Sherrill  
Doug Hartz, Stuttgart  
West Higginbotham, Marianna  
Donald Morton, Jr., Des Arc  
Rusty Smith, Des Arc, Vice-Chairman  
Joe Thrash, Conway

