

# 2020 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. During 2017, nine individuals broke the 100 bu/ac yield target with four new inductees into the Arkansas 100 Bushel Club: Billy Wayne Tripp (100.5 bu/ac); John Newkirk (104.0 bu/ac); Mary Galloway (107.6 bu/ac); and Jason Berry (102.9 bu/ac). The 2018 overall state winner was William Palsa with a yield of 107.394 bu/ac. 2019 saw seven producers achieving the 100 bushel goal: Matt Miles with a new record of 120.5 bu/ac; Layne Miles (117.3 bu/ac); Sherrie Miles (101.0 bu/ac); Brandon Cain (100.2 bu/ac); Drew Counce (103.9 bu/ac); Mark Welty (103.7 bu/ac); and the Estate of Billy Garner (116.6 bu/ac).

In 2020, only two producers achieved the 100 bushel mark. Matt Miles reached the 100 bu/ac goal for the sixth time with a yield of 116.858 with Pioneer P47A64X. The newest member to the 100 Bushel Club is Ronnie Ragsdell with 104.067 bu/ac with Pioneer P48A60X. This brings us to 23 members of the 100 Bushel Club.

The current contest, the 2020 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.

## 2020 Race for 100 & Grow for the Green Yield Contest Facts:

74 entries

36 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:

2013

Nelson Crow	Pioneer 93Y92	100.767	1
Matt Miles	Asgrow 4632	107.634	2
Eddie Tackett	Pioneer 94Y70	104.832	3

2014

David Bennett	Asgrow 4632	112.012	4
Sherrie Miles	Pioneer 48T53	106.499	5
Matt Miles	Pioneer 45T11	100.609	

2015

Matt Miles	Pioneer	108.717	
Perry Galloway	Pioneer P46T21R	108.759	6
Charles Galloway	Asgrow 4232 RR	100.935	7

2016

Michael Taylor Jr	Asgrow AG47X6	101.319	8
James Wray	Pioneer P 47T36R	118.802	9
Eddie Wray	Pioneer 47T36R	109.701	10
Barbara Annette Wray	Pioneer P46T21R	109.843	11
Martin Henry	Armor 48-D24	113.888	12
Layne Miles	NK S47-K5	100.994	13

2017

Matt Miles	Pioneer P47T36R	105.02	
Layne Miles	Pioneer P47T36R	108.052	
James Elton Wray	Asgrow AG46X6	105.918	
James E Wray Jr	Asgrow AG46X6	103.83	
Billy Wayne Tripp	Asgrow AG46X6	100.511	14
John Newkirk	Asgrow AG46X6	103.974	15
Perry Galloway	Hefty H48X7	108.904	
Mary Galloway	Hefty H49X7S	107.568	16
Jason Berry	Pioneer P46A16R	102.894	17

2018

William Palsa	Local Seed LS4565	107.394	18
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2019

<b>Matt Miles</b>	<b>Pioneer 48A60</b>	<b>120.533</b>	
Estate of Billy Garner	Pioneer 45A60	116.636	19
Drew Counce	Pioneer 46A16	103.883	20
Sherrie Miles	Pioneer 48A60	101.007	
Layne Miles	Pioneer 48A60	117.251	

Mark Welty	Pioneer 48A60	103.702	21
Brandon Cain	NK 45J3X	100.200	22

2020

Matt Miles	Pioneer P47A64X	116.858	
Ronnie Ragsdell	Pioneer P48A60X	104.067	23

Field requirements:

5-7 acres with right angles.

Field must have been in soybeans at least once during previous three years.

Prizes awarded 2020

\$125000 available in the Grow for the Green Soybean Yield Contest.

Additional \$5000 available to 100 bu/a winners (new club members only).

\$10,000 available for producer in Champions Club

## **An Overview of Production Practices used by Producers Obtaining Top Soybean Yields in the 2020 Arkansas Grow for the Green Yield Contest.**

Dr. Jeremy Ross

### **Introduction**

Again in 2020, 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 2020 GFTG program consisted of 76 registered producers, with 33 of the entries qualifying for prize consideration by obtaining yields of 60 bu/ac or better from their GFTG entry fields. In addition, 10 of the 33 producers (30%) recorded verified soybean grain yields of 90 bu/ac or higher. Since 2014, the GFTG has seen multiple contestants per year reach the 100 bu/ac goal, and two producers reached this mark in 2020. For the sixth time, Matt Miles produced a soybean yield greater than 100 bu/ac. One new producer was added to the Arkansas Soybean 100 Bushel Club, this producer was Ronnie Ragsdell with a yield of 104.067. There are currently 23 producers in the Arkansas Soybean 100 Bushel Club.

In the following pages of the booklet are some of the important management practices that these top soybean producers employed to obtain soybean grain yields that equal or exceed 60 bu/ac, and often exceeding 90 or even 100 bu/ac. 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'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 fields. 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). A majority of the GSTG contest fields are planted to soybean following rice, corn, or cotton. With the adverse weather conditions during

the beginning of the planting window, many of the 2020 GFTG fields were planted relatively later when compared to previous years. The average planting date for 2020 was May 1, with the range of planting dates from April 6 to June 13.

### **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. When the GFTG Contest was initiated, many of the top producers started out utilizing seeding rates that were 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 2016, 2017, and 2018 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. During 2020, this trend in seeding rate continued with the seeding rate for the 33 entries ranging from 105,000 to 170,000 seed/ac with the average seeding rate of 137,000 seed/ac. Most top soybean producers treat their seed with an approved fungicide and/or neonicotinoid insecticide.

Research findings tend to support row widths less than 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 2020. In 2020, 17 (51%) of the contest fields received an insecticide application. Many of these insecticide applications were done to control stinkbugs and corn earworms.

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 previous 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 85% of the 2020 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. During 2018, GFTG fields averaged 5.7 irrigations events during the growing season. Three non-irrigated fields recorded yields greater than 72 bu/ac during 2018. For 2020, all but one of the GFTG fields were irrigated. As in the past, the vast majority of the GFTG fields were furrow irrigated.



## **Harvest Aids**

For the last few years, there were a few GFTG producers that applied a desiccant to facilitate the harvest operation. Eight producers (24%) in the 2020 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 2020 cropping season started out slower than normal due to the cool and wet conditions early in the season. During July and August, the lack of appreciable rainfall and warmer than normal temperatures reduced disease pressure and caused an increase in the number of irrigations events compared to 2019. Even despite the slow start to the year, 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, indeterminate MG IV varieties, fungicide applications, and timely irrigation events. 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, rice, and soybean. 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.

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## 1-Northeast Delta

Producer	County	Variety	Herb. Tech.	Yield (bu/ac)
Linwood Wells	Greene	Pioneer P48X60X	RR2X	97.131
Casey Hook	Craighead	Pioneer P48A60X	RR2X	91.237
David DaVault	Greene	Asgrow AG46X0	RR2X	86.756
Mike Hook	Craighead	Pioneer P42A96X	RR2X	86.148
Jeff Wells	Greene	Asgrow AG46X0	RR2X	83.471
Brad DaVault	Greene	Asgrow AG46X0	RR2X	82.316

### Producer:

### Linwood Wells

Variety/Technology:

Pioneer P48A60X (RR2X)

Planting Date:

5/2/2020

Previous Crops:

Corn, soy, corn

Soil Type:

Silt loam

Fertilizer:

Poultry litter (1 ton in spring), 0-0-60 (75 units preplant)

Planter/Row Width:

26"

Seeding Rate/Depth:

115000, 1.5"

Seed Treatment:

Pioneer seed treatment

Pest Control

Weed Management:

Preplant – Dicamba, Roundup, Outlook in May, Zidua in June

Preemerg –

Post-emergent –

Insect Management:

Grizzly II at R3

Disease Management:

Topaz at R3

Other Foliar Apps:

Water Management:

Furrow, 6 or 7 times weekly

Harvest Aids:

Harvest Date:

10/7/2020

### Producer:

### Casey Hook – Casey Hook Farms LLC

Variety/Technology:

Pioneer P48A60X (RR2X)

Planting Date:

4/11/2020

Previous Crops:

Cotton, soy, cotton

Soil Type:

Sandy loam

Fertilizer:

Grid sampled, variable rate on 3/25

Planter/Row Width:

38" Twin Row,

Seeding Rate/Depth:

105,000, 1"

Seed Treatment:

Seedshield, Thiabenzazole, RizNate

Pest Control

Weed Management:

Preplant – Roundup, Verdict

Preemerg – Roundup, Prefix

Post-emergent – Roundup, Outlook

Insect Management:

Bifenthrin, Dimilin

Disease Management:

Revytek

Other Foliar Apps:

Bio-Forge, Carbose

Water Management:

Furrow, 14 times

Harvest Aids: Gramoxone (24 oz)  
Harvest Date: 9/17/2020

**Producer:**

Variety/Technology: Asgrow AG46X0 (RR2X)  
Planting Date: 6/2/2020  
Previous Crops: Corn, soy, corn  
Soil Type: Sandy loam  
Fertilizer: Chicken Litter – 2 ton in spring 2019  
Planter/Row Width: 38" twin row  
Seeding Rate/Depth: 130000, 1.5 inch  
Seed Treatment: Cruiser Maxx, Mertec, Optimize  
Pest Control

Weed Management:

Pre-plant –  
Pre-emergent – Gramoxone (40 oz), Boundary (32 oz) –  
5/3/2020  
Post-Emerge – Engenia (12.8 oz) on 5/24/2020, Roundup (32 oz) & Zidua (3.25 oz) on 6/2/2020

Insect Management:

Disease Management:

Other Foliar Apps: Miravis Top (13.7 oz) 7/27/2020  
Water Management: 10-0-10 5% Boron (16 units) on 7/27/2020  
Furrow – 6 times (6/22, 6/29, 7/6, 7/13, 7/20, 7/27)  
Harvest Aids:  
Harvest Date: 11/9/2020

**Producer:**

Variety/Technology: Pioneer P42A96X (RR2X)  
Planting Date: 5/11/2020  
Previous Crops: Cotton, soy, cotton  
Soil Type: Sandy loam  
Fertilizer: Grid sampled, variable rate 5/1  
Planter/Row Width: 38" Twin Row  
Seeding Rate/Depth: 105,000, 1 inch  
Seed Treatment: SeedShield, RizNate, Thiabenzazole  
Pest Control

Weed Management:

Preplant – Dicamba, Verdict  
Preemerge – Roundup, Prefix  
Post-emergent – Roundup, Outlook

Insect Management:

Disease Management:

Other Foliar Apps: Bifenthrin  
Water Management: Revytek  
Furrow, 10 times  
Harvest Aids: Bio-Forge, Carbose  
Gramoxone (24 oz)  
Harvest Date: 9/17/2020

**Producer:**

Variety/Technology: Asgrow AG46X0 RR2X

**Jeff Wells**

Planting Date: 5/25/2020  
 Previous Crops: Corn, soy, corn  
 Soil Type: Silt loam  
 Fertilizer: Grid sampled, variable rate on 3/25  
 Planter/Row Width: 38" Twin Row,  
 Seeding Rate/Depth: 116,000, 1.5"  
 Seed Treatment: Cruiser  
 Pest Control  
  
 Weed Management: Preplant – Roundup, Outlook Dicamba in May, Zidua in June  
 Preemerg –  
 Post-emergent –  
  
 Insect Management: Grizzly II at R3  
 Disease Management: Topaz at R3  
 Other Foliar Apps:  
 Water Management: Furrow, 8 times (6/25, 7/10, 7/20, 7/30, 8/10, 8/20, 8/30, 9/10)  
 Harvest Aids:  
 Harvest Date: 10/16/2020

**Producer: Brad DaVault**  
 Variety/Technology: Asgrow AG 46X0 (RR2X)  
 Planting Date: 6/2/2020  
 Previous Crops: Corn, soybeans, corn  
 Soil Type: Sandy loam  
 Fertilizer: Chicken litter (2 tons in spring 19)  
 Planter/Row Width: 38" twin row  
 Seeding Rate/Depth: 130000, 1.5 inch  
 Seed Treatment: Cruiser Maxx, Mertec, Optimize  
 Pest Control  
  
 Weed Management: Preplant –  
 Preemerg – Gramoxone (40 oz) & Boundary (32 oz) on 5/2/2020  
 Post-emergent –  
 Engenia (12.8 oz on 5/24/2020), Roundup (32 oz) & Zidua (3/25 oz) on 6/2/2020  
  
 Insect Management:  
 Disease Management: Miravis Top (13.7 oz) on 7/27/2020  
 Other Foliar Apps: 10-0-10 5% Boron (16 oz) on 7/27/2020  
 Water Management: Furrow - 6 times (6/22, 6/29, 7/6, 7/13, 7/20, 7/27)  
 Harvest Aids:  
 Harvest Date: 11/9/2020

## 2-Northeast

Producer	County	Variety	Herb. Tech.	Yield (bu/ac)
Ronnie Ragsdell	Lawrence	Pioneer P48A60X	RR2X	104.067
Nick Ragsdell	Lawrence	Asgrow AG46X6	RR2X	95.438
David Stephens	Cross	Pioneer P48A60X	RR2X	85.966
Conrad Newberry	Greene	Croplan 4541XFS	Extend Flex	76.858

Stuart Reithemeyer	Lawrence	Dyna-Gro 48XT90	RR2X	73.413
Glenn Newberry	Greene	Local Seed LS3976X	RR2X	64.369
Bufford Newberry	Greene	Local Seed LS4299XS	RR2X	59.935

**Producer:** **Ronnie Ragsdell**

Variety/Technology: Pioneer P48A60X RR2X

Planting Date: 4/10/2020

Previous Crops: Rice, soybeans, rice

Soil Type: Dundee silt loam

Fertilizer: 12-40-0-1 (150 units in 10/2019), 0-0-58-5 (200 units in 10/2019)

Planter/Row Width: 30"

Seeding Rate/Depth: 140000,

Seed Treatment: Cruiser Maxx

Pest Control

Weed Management: Pre-plant –  
Pre-emergent – Presidual (1 qt on April 15)  
Post-Emerge – Roundup PowerMax (32 oz) & Flexstar (1.5 pt) followed by Roundup PowerMax (32 oz) & Zidua (3.2 oz)

Insect Management:

Disease Management: Miravis Top (13.7 oz)

Other Foliar Apps:

Water Management: Furrow 7 times

Harvest Aids: Gramoxone (1 pint)

Harvest Date: 10/2/2020

**Producer:** **Nick Ragsdell**

Variety/Technology: Asgrow AG 46X6 RR2X

Planting Date: 4/13/2020

Previous Crops: Rice, soy, rice

Soil Type: Foley Calhoun silty clay loam

Fertilizer: 12-40-1-10-1 (150 units in 10/19), 0-0-58-0 (200 units in 10/19), 0-0-58-5 (100 units in 7/20), 45-0-0 (75 units in 8/20)

Planter/Row Width: John Deer MaxEmerge 2, 30"

Seeding Rate/Depth: 140000

Seed Treatment: Cruiser Maxx

Pest Control

Weed Management: Preplant –  
Preemerge – Presidual (1 qt on 4/15/2020)  
Post-emergent – Roundup PowerMax (32 oz), Flexstar (1.5 pt)

Insect Management:

Disease Management: Miravis Top (13.7 oz)

Other Foliar Apps:

Water Management: Furrow 7 times

Harvest Aids: Gramoxone (1 pt)

Harvest Date: 10/16/2020

**Producer:**

Variety/Technology:

Planting Date:

Previous Crops:

Soil Type:

Fertilizer:

Planter/Row Width:

Seeding Rate/Depth:

Seed Treatment:

Pest Control

**Dennis Stephens**

Pioneer P48A60X RR2X

4/9/2020

Corn, soy, corn

Arkabutla Silt loam

Poultry litter 1 ton on 3/7/2020

John Deer 1720, 30"

128638

Cruiser Maxx, Vibrant

Preplant – Boundary (1.5 pt) on 4/10/2020

Weed Management:

Preemerg –

Post-emergent – Roundup (1 qt) & Prefix (1 at) on 5/20/2020

Insect Management:

Beseige (7 oz) on 7/2/2020

Disease Management:

Miravis Top (13.7 oz) on 7/2/2020

Other Foliar Apps:

Water Management:

Furrow – 3 times ( 7/4, 8/12, 8/26)

Harvest Aids:

Harvest Date:

10/16/2020

**Producer:**

Variety/Technology:

Planting Date:

Previous Crops:

Soil Type:

Fertilizer:

Planter/Row Width:

Seeding Rate/Depth:

Seed Treatment:

Pest Control

**Conrad Newberry**

Croplan 4541XFS Extend Flex

5/18/2020

Rice, soybeans, rice

Forrestdale silty clay/silt loam

0-27-54 (100 lb)

Preplant –

Weed Management:

Preemerg – Presidual – 1.5 pt

Post-emergent – Outlook (14 oz), Roundup Power Max (1 qt)

Insect Management:

Disease Management:

Quadris top (7 oz)

Other Foliar Apps:

Water Management:

Furrow – 7 times

Harvest Aids:

Harvest Date:

10/14/2020

**Producer:**

Variety/Technology:

Planting Date:

Previous Crops:

Soil Type:

Fertilizer:

**Stuart Reithemeyer**

Dyna-Gro 48XT90 (RR2X)

5/3/2020

Corn, soybeans, rice

Crowley, loam

Mesio (100 lb), Aspire (100 lb) Potash (50 lb) on 4/28/2020

Planter/Row Width: JD 1725, 30"  
Seeding Rate/Depth: 140000, 1 inch  
Seed Treatment: Equity VIP (2.96/100 lb), Saltro (1.52/100 lb)  
Pest Control  
  
Weed Management: Preplant –  
Preemergence – Intimidator (48 oz) & Roundup PowerMax 2 (40 oz) on 5/3/2020  
Post-emergent – Roundup PowerMax (40 oz) & AnthemMaxx (3.2 oz), Classic (1/3 oz) on 5/25/2020  
  
Insect Management:  
Disease Management: Quadris top SBR (7 oz) on 8/28/2020  
Other Foliar Apps: Radiate (2 oz) and Quick Ultra (32 oz) on 5/25/2020, NPackK (1 gallon) on 8/2 8/2020  
Water Management: Furrow - 8 times (7/10, 7/17, 7/24, 7/31, 8/7, 8/21, 9/4, 9/11)  
Harvest Aids:  
Harvest Date: 10/8/2020

**Producer:** **Glenn Newberry**  
Variety/Technology: Local Seed LS3976X RR2X  
Planting Date: 5/21/2020  
Previous Crops: Rice, soybeans, rice  
Soil Type:  
Fertilizer: 0-27-54 (100 lb)  
Planter/Row Width: 30"  
Seeding Rate/Depth: 140000  
Seed Treatment:  
Pest Control  
  
Weed Management: Preplant –  
Preemergence –  
Post-emergent –  
  
Insect Management:  
Disease Management:  
Other Foliar Apps:  
Water Management:  
Harvest Aids:  
Harvest Date: 10/7/2020

**Producer:** **Bufford Newberry**  
Variety/Technology: Local Seed LS299XS RR2X  
Planting Date: 5/20/2020  
Previous Crops: Rice, rice, soybeans  
Soil Type:  
Fertilizer: 0-27-54 (100 lb)  
Planter/Row Width: 30"  
Seeding Rate/Depth: 140000  
Seed Treatment:  
Pest Control  
  
Weed Management: Preplant –  
Preemergence –

Insect Management:  
Disease Management:  
Other Foliar Apps:  
Water Management:  
Harvest Aids:  
Harvest Date: 10/7/2020

### 3-White River Basin

Producer	County	Variety	Herb. Tech.	Yield (bu/ac)
Richard Walker	Jackson	Pioneer P48A60X	RR2X	93.471
John Walker	Jackson	Pioneer P47A76L	LL	92.808
Terry Fuller	Monroe	Pioneer 49T62E	STS E3	63.131

**Producer:** Richard Walker  
Variety/Technology: Pioneer P48A60X RR2X  
Planting Date: 4/8/2020  
Previous Crops: Corn, soybeans, corn  
Soil Type: Silt Loam Dundee silt loam, bosket fine sandy loam  
Fertilizer: Chicken litter (2 tons on 11/1/2019), Urea (75 lb), MESZ (50 lb), Aspire (100 lb) on 6/17/2020  
Planter/Row Width: JD 1790, 30"  
Seeding Rate/Depth: 140000, 1.5 inch  
Seed Treatment: Lumigen, Saltro, Graph EX SA  
Pest Control:  
Weed Management: Preplant –  
Preemerg – Paraquat (32 oz), Zidua SC (3.25 oz),  
Metribuzin (5 oz) on 4/1/2020  
Post-emergent – Roundup PowerMax (24 oz), Flexstar (1 pt),  
Zidua SC (2.5 oz) on 5/5/2020  
Insect Management: Lambda (4 oz) twice on 6/17/2020 & 7/17/2020  
Disease Management: Revytek (8 oz on 6/17/2020), Priaxor (2 oz on 7/17/2020),  
Propiconazole (4 oz on 7/17/2020)  
Other Foliar Apps: Legend Elite (1 qt) & Brandt Smart Quattro Plus (1 qt) on  
5/27/2020, Crop Karb (1 qt on 6/17/2020), CropKarb (1 qt on  
7/17/2020), Brandt Smart B-Mo (1 pt) on 7/17/2020  
Water Management: Furrow, 6 times  
Harvest Aids: Gramoxone (11 oz on 9/21/2020)  
Harvest Date: 9/30/2020

**Producer:** John Walker  
Variety/Technology: Pioneer P47A76 (LL)  
Planting Date: 4/7/2020  
Previous Crops: Corn, soy, rice  
Soil Type: Silt loam, Dundee, bosket, beulah  
Fertilizer: Chicken litter (1.5 ton on 3/12/2020), MESZ (100 lb) & Aspire  
(100 lb) on 4/1/2020  
Planter/Row Width: JD 1790, 30 "



Seeding Rate/Depth: 140000, 1.5 inch  
Seed Treatment: Lumigen, Saltro, Graph EX SA  
Pest Control  
Weed Management: Preplant –  
Preemerge – Paraquat (32 oz), Zidua SC (3.25 oz),  
Metribuzin (5 oz) on 4/10/2020  
Post-emergent – Liberty (32 oz), Clethodim (12 oz), Zidua SC  
2.5 oz) on 5/27/2020  
Insect Management:  
Disease Management: Priaxor (4 oz) on 6/17/2020, Priaxor (2 oz) on 7/15/2020  
Brandt Smart Quatro Plus (1 qt on 5/27/2020), CropKarb (1 qt  
on 6/17/2020), CropKarb (1 qt on 7/15/2020), Brandt Smart B-  
Mo (1 pt on 7/15/2020)  
Other Foliar Apps:  
Water Management: Furrow 6 times  
Harvest Aids: Gramoxone SL (11 oz) on 9/28/2020  
Harvest Date: 10/8/2020

**Producer:** Terry Fuller  
Variety/Technology: Pioneer P49T62E STS E3  
Planting Date: 5/13/2020  
Previous Crops: Corn, soy, soy  
Soil Type: Foley silt loam  
Fertilizer: Potassium 150 units fall 2019  
Planter/Row Width: 7.5”  
Seeding Rate/Depth: 150000, 1.5 inch  
Seed Treatment: Cruiser Max  
Pest Control  
Weed Management: Preplant – Glyphosate (1 qt in Feb), 2-4D (1.5 pt in Feb)  
Preemerge – Boundary (1.5 pt) on 5/17/2020  
Post-emergent – Glyphosate (& Dual 1 qt, 1 pt) in May,  
Liberty  
Insect Management: Beseige (10 oz in July)  
Disease Management:  
Other Foliar Apps:  
Water Management: Furrow 4 times, 3” each  
Harvest Aids:  
Harvest Date: 10/6/2020

#### 4-Central & Grand Prairie

Producer	County	Variety	Herb. Tech.	Yield (bu/ac)
Taylor Burdett	Arkansas	Pioneer P46A57BX	Bolt RR2X	93.422
Davis Bell	Prairie	Pioneer P48A60X	RR2X	85.888
David Petter	Prairie	Pioneer P42A96X	RR2S	84.851
David Strohl	Prairie	Pioneer P47A76L	LL	77.255

**Producer:** Taylor Burdett  
Variety/Technology: Pioneer P46A57BX Bolt RR2X  
Planting Date: 4/6/2020  
Previous Crops: Soy, soy, rice

Soil Type:	Silt loam
Fertilizer:	Variable rate
Planter/Row Width:	JD 1700 vacuum (8 row) 30"
Seeding Rate/Depth:	122305, 1-1.25 "
Seed Treatment:	Revise, Duvet
Pest Control	
	Preplant –
Weed Management:	Preemerg – Zidua (1.5 oz) Post-emergent – Envy Intense (32 oz), Vice (generic Prefix) 32 oz
Insect Management:	
Disease Management:	Priaxor d (16 oz), Delivered K (1 gal)
Other Foliar Apps:	
Water Management:	6 times beginning at bloom (6/17,7/2,7/13,7/25,8/6,8/18)
Harvest Aids:	Devour (10.7 oz)
Harvest Date:	9/16/2020

<b>Producer:</b>	<b>Davis Bell</b>
Variety/Technology:	Pioneer P48A60X RR2X
Planting Date:	4/18/2020
Previous Crops:	Corn, soy, corn
Soil Type:	Calhoun Silt Loam
Fertilizer:	Mes10 (200 lb), Potash (125 lb), Aspire (100 lb) on 4/10/2020
Planter/Row Width:	Harvester International, 30"
Seeding Rate/Depth:	130000, 1"
Seed Treatment:	Equity VP, Consensus
Pest Control	
	Preplant –
Weed Management:	Preemerg – Boundary 65EC (32 oz on 4/18/2020 Post-emergent -Prefix (32 oz), Makaze Yield Pro (40 oz) on 6/4/2020
Insect Management:	
Disease Management:	Miravis Top (13.7 oz) on 7/3/2020
Other Foliar Apps:	
Water Management:	Furrow – 5 times (6/20, 7/7, 7/20, 8/1,8/10)
Harvest Aids:	
Harvest Date:	9/21/2020

<b>Producer:</b>	<b>David Petter</b>
Variety/Technology:	Pioneer P42A96X (RR2X)
Planting Date:	5/2/20
Previous Crops:	Rice, soy, soy
Soil Type:	Calhoun silt loam
Fertilizer:	6-19-32-5(s) (425 lb) on 4/30/2020
Planter/Row Width:	JD MaxEmerge (16 row), 30"
Seeding Rate/Depth:	140,000, 1.25"
Seed Treatment:	Equity Vip (3 oz/cwt)
Pest Control	

Weed Management: Preplant –  
 Preemergence – Zidua SC (3.25 oz), Metribuzin (5 oz) on 5/2/2020  
 Post-emergent – Roundup PowerMax (28 oz) Outlook (12.8 oz) on 6/6)

Insect Management:  
 Disease Management: Priaxor (4 oz) on 7/2

Other Foliar Apps:  
 Water Management: Furrow Four times

Harvest Aids:  
 Harvest Date: 9/16/2020

**Producer: David Strohl**  
 Variety/Technology: Pioneer P47A76L LL  
 Planting Date: 5/14/2020  
 Previous Crops: Corn, soybean, rice  
 Soil Type: Loring Silt loam  
 Fertilizer: MES10(200 lb), Potash (125 lb), Aspire (100 lb) on 5/14/2020  
 Planter/Row Width: JD Max Emerge 2, 30"  
 Seeding Rate/Depth: 155,000 1"  
 Seed Treatment: Equity VIP (3 oz/cwt), Consensus (.4 oz/cwt)  
 Pest Control

Weed Management: Preplant –  
 Preemergence – Intimidator (40 oz) 5/15/2020  
 Post-emergent – Liberty (32 oz), Outlook (12.8 oz), Radiate (2 oz) on 6/6/2020

Insect Management:  
 Disease Management: Miravis top (13.7 oz) on 7/17/2020  
 Other Foliar Apps: NutiSync-D (10 oz) on 7/17/2020  
 Water Management: Furrow  
 Harvest Aids:  
 Harvest Date: 10/5/2020

### 5-East Central Delta

Producer	County	Variety	Herb. Tech.	Yield (bu/ac)
Neil Culp	Phillips	Asgrow AG45X8	RR2X	97.480
Chris Carnathan	Phillips	Asgrow AG46X6	RR2X	89.751
Jeff Carnathan	Phillips	Asgrow AG46X6	RR2X	87.073
John Bryant	Phillips	Asgrow AG46X6	RR2X	86.697
Terry Tolar	Phillips	Asgrow AG48X9	RR2X	81.033

**Producer: Neil Culp**  
 Variety/Technology: Asgrow AG 45X8 (RR2X)  
 Planting Date: 5/2/2020  
 Previous Crops: Corn, soy, soy  
 Soil Type: Calloway silt loam  
 Fertilizer: Potassium 150 lb fall 2019

Planter/Row Width:	JD 1725, 30"
Seeding Rate/Depth:	125,000, 1.5"
Seed Treatment:	Cruiser Max
Pest Control	
Weed Management:	Preplant – Preemerge – Sencor (4 oz) Dual (1 pt) on 5/2/2020 Post-emergent – Extend Max on 5/20
Insect Management:	
Disease Management:	Miravis Top (13/7 ox) at R3
Other Foliar Apps:	
Water Management:	Furrow 3 inches on 6/24, 7/19, 7/31
Harvest Aids:	Paraquat (1 pt) 8/14/2020
Harvest Date:	10/1/2020

<b>Producer:</b>	<b>Chris Carnathan</b>
Variety/Technology:	Asgrow AG46X6 (RR2X)
Planting Date:	5/14/2020
Previous Crops:	Corn, soybeans, soybeans
Soil Type:	Foley silt loam
Fertilizer:	Potassium 150 units fall 2019
Planter/Row Width:	30"
Seeding Rate/Depth:	140,000,
Seed Treatment:	Cruiser Max
Pest Control	
Weed Management:	Preplant – Glyphosate (1 qt), 2-4D (1.5 pt) in Feb Preemerge –Fierce (3 oz) on 5/4/2020 Post-emergent –
Insect Management:	
Disease Management:	
Other Foliar Apps:	
Water Management:	Furrow 3 times (6/26, 7/20, 8/3)
Harvest Aids:	
Harvest Date:	10/9/2020

<b>Producer:</b>	<b>Jeff Carnathan</b>
Variety/Technology:	Asgrow AG 46X6 (RR2X)
Planting Date:	5/3/2020
Previous Crops:	Corn, soybeans, corn
Soil Type:	Dundee silt loam
Fertilizer:	Potassium 200 lb fall 2019
Planter/Row Width:	JD 1725, 20"
Seeding Rate/Depth:	140,000, 1.5 inch
Seed Treatment:	Cruiser Max
Pest Control	
Weed Management:	Preplant – Glyphosate (1 qt), 2-4D (1 qt) March Preemerge – Fierce (3 oz), Paraquat (30 oz) May Post-emergent -Prefix, Glyphosate Dual
Insect Management:	Beseige (8 oz)
Disease Management:	Miravis Top (14 oz) at R3
Other Foliar Apps:	

Water Management: Furrow 3 inches each (6/25,7/17, 8/3)  
 Harvest Aids: Paraquat (8 oz) on 9/16/2020  
 Harvest Date: 10/13/2020

**Producer:** John Bryant  
 Variety/Technology: Asgrow Ag46X6 (RR2X)  
 Planting Date: 5/2/2020  
 Previous Crops: Corn, soybeans, soybeans  
 Soil Type: Foley silt loam  
 Fertilizer: Potassium 150 units fall 2019  
 Planter/Row Width:  
 Seeding Rate/Depth: 1.5 inch  
 Seed Treatment: Cruiser Max  
 Pest Control  
 Weed Management: Preplant – Roundup (1 qt), 2-4D (1.5 pt) in Feb  
 Preemerg -Fierce  
 Post-emergent –  
 Insect Management: Beseige (8 oz), July  
 Disease Management: Miravis top (13.7 oz) July  
 Other Foliar Apps:  
 Water Management: Furrow 3 inches each (6/26, 7/20, 8/3)  
 Harvest Aids:  
 Harvest Date: 10/7/2020

**Producer:** Terry Tolar  
 Variety/Technology: Asgrow Ag48X9 (RR2X)  
 Planting Date: 5/10/2020  
 Previous Crops: Soy, soy, corn  
 Soil Type: Calloway silt loam  
 Fertilizer: Potassium 150 units fall 2019  
 Planter/Row Width:  
 Seeding Rate/Depth: 150,000 1.5 inch  
 Seed Treatment: Cruiser Max  
 Pest Control  
 Weed Management: Preplant -Glyphosate (1 qt), 2-4D (1.5 pt) in Feb  
 Preemerg -Fierce (3.5 oz)  
 Post-emergent – Roundup (1 qt), Zidua (2 oz)  
 Insect Management: Beseige (8 oz), July  
 Disease Management: Miravis top (13.7 oz), Bifrin  
 Other Foliar Apps:  
 Water Management: Furrow 3 inches each (7/23,8/3)  
 Harvest Aids: Paraquat (1 pt) on 9/23/2020  
 Harvest Date: 10/8/2020

## 6-Southeast Delta

Producer	County	Variety	Herb. Tech.	Yield (bu/ac)
Kenneth Robertson	Desha	Pioneer P46A86X	RR2X	92.075
Caper Robertson	Desha	Aarmor 48D25	RR2X	91.431

**Producer:**

Variety/Technology:

Planting Date:

Previous Crops:

Soil Type:

Fertilizer:

Planter/Row Width:

Seeding Rate/Depth:

Seed Treatment:

Pest Control

**Kenneth Robertson**

Pioneer P48A86X (RR2X)

4/10/2020

Corn, soy, soy

Coushatta complex, sandy clay loam

Chicken litter (2 tons) Sept 2019

Great Plains 2020, 38"

145000,

Cruiser Max

Weed Management:

Preplant – Roundup PowerMax II (1.5 pt), 2,4-D (1.5 pt),

Flumioxazin (2 oz) - Feb

Preemergence – Gramoxone (1 qt), Boundary (1.5 pt), Prowl

H2O (1 pt) April

Post-emergent -Roundup (1.5 pt), Prefix (1 qt) in May,

Roundup (1.5 pt), Metolachlor (1.42 pt) in June

Insect Management:

Brigade (1 gal/35) July 1, 2020

Disease Management:

Quadris Top SBX (7 oz) July 1, 2020

Other Foliar Apps:

Water Management:

Furrow 5 times, 2 inch each, (6/18, 7/15, 7/22, 7/29, 8/19)

Harvest Aids:

Harvest Date:

9/14/2020

**Producer:**

Variety/Technology:

Planting Date:

Previous Crops:

Soil Type:

Fertilizer:

Planter/Row Width:

Seeding Rate/Depth:

Seed Treatment:

Pest Control

**Caper Robertson**

Armor 48D25 (RR2X)

4/26/2020

Rice, soy, soy

Sharkey Clay, silty clay

Chicken litter (2 tons) Sept 2019

Great plains 2020p, 38"

145000,

Cruiser Max,

Weed Management:

Preplant Roundup PowerMax II (1.5 pt), 2,4-D (1 qt),

Flumioxazin (2 oz) - Feb

Preemergence – Gramoxone (1 qt), Boundary (1.5 pt), Prowl

H2O (1 pt) April

Post-emergent – Roundup (1.5 pt), Permit Plus (.6 oz),

Metolachlor (1.42 pt) June

Insect Management:

Beseige (8 oz) on 7/14/2020, Brigade (1 gal/25 a) &amp;

Acephate (3/4 lb) on 9/1/2020

Disease Management:

Quadris Top SBX (7 oz) on 7/11/2020

Other Foliar Apps:

Water Management:

Furrow – 2 inch each (7/15, 7/25, 8/19, 9/1)

Harvest Aids:

Harvest Date:

10/2/2020

<b>Producer</b>	<b>County</b>	<b>Variety</b>	<b>Herb. Tech.</b>	<b>Yield (bu/ac)</b>
Greg Hart	Conway	Pioneer P49A41L	LL	77.149
Jeremy Kitchens	Lafayette	Orlando 2047E	E3	61.644

**Producer:**

**Greg Hart**

Variety/Technology: Pioneer P49A41L LL  
Planting Date: 6/13/2020  
Previous Crops: Corn, soy, soy  
Soil Type: Silt loam  
Fertilizer: Poultry litter (3 tons) 3/15/2020  
Planter/Row Width: JD 1730 Max Emerge, 30"  
Seeding Rate/Depth: 170,000, 1"  
Seed Treatment: PPST, Graph EX-SA (Inoculant)  
Pest Control

Weed Management: Preplant – Roundup PowerMax (1 qt), 2,4-D Ester (1 pt) 4/10/2020  
Preemerg – Valor (2 oz), Canopy (4 oz), Sencor (4 oz), Paraquat (1 at) 6/15/2020  
Post-emergent -Shaden Star (1 pt), Liberty (36 oz) 7/10/2020

Insect Management: Prevathon (14 oz) at R3 – 8/10/2020

Disease Management: Stratego YLD (4.5 oz) at R3

Other Foliar Apps: Radiate (2 oz), Quick Ultra (32 oz) 7/10/2020

Water Management: Row 1.5", 4 times

Harvest Aids: Paraquat (16 oz)

Harvest Date: 10/23/2020

**Producer:**

**Jeremy Kitchens**

Variety/Technology: Orlando 2047E Enlist 3  
Planting Date: 6/5/2020  
Previous Crops: Corn, corn, soy  
Soil Type: Clay loam  
Fertilizer: Chicken litter  
Planter/Row Width: 12 row Kinzie Planter, 20"  
Seeding Rate/Depth: 140000, .5 inch  
Seed Treatment: Ipconazole, Thiabendazole, Metalaxyl, Imidacloprid, TripidityST  
Pest Control

Weed Management: Preplant –  
Preemerg – Gramoxone (32 oz), Dual Magnum (16 oz) 6/8/2020  
Post-emergent – Enlist One (32 oz), Dual (16 oz) 6/22/2020

Insect Management: Tundra (42 oz) & Bracket (1/2 lb) on 8/4/2020 and 9/2/2020

Disease Management: Lucento (8 oz) on 9/2/2020

Other Foliar Apps:

Water Management: nonirrigated

Harvest Aids:

Harvest Date: 10/19/2020

## 8 - Conventional

Producer	County	Variety	Herb. Tech.	Yield (bu/ac)
Brandon Stephens	Cross	Virtue 4720S	Conv	82.013
Laura Stephens	Cross	Virtue 4720S	Conv	76.109
Hunter Stephens	Cross	Virtue 4720 S	Conv	66.308
Jon Carroll	Monroe	Ellis	Conv	63.478

### Producer:

### Brandon Stephens

Variety/Technology:

Virtue 4720S

Planting Date:

4/15/2020

Previous Crops:

Corn, soy, corn

Soil Type:

Henry silt loam

Fertilizer:

0-20-60 (200lb) 4/15/2020

Planter/Row Width:

JD Air Drill, 7.5"

Seeding Rate/Depth:

150,000,

Seed Treatment:

Cruiser Bean Pack

Pest Control

Preplant –

Weed Management:

Preemerg – Boundary (1.5 pt) 4/16/2020

Post-emergent -Prefix (32 oz) & Select (8 oz) 5/2/2020,

Storm (1.5 pt) & Select (8 oz) on 5/27/2020

Insect Management:

Beseige (7 oz) 9/10/2020

Disease Management:

Miravis Top (13.7 oz) 7/28/2020

Other Foliar Apps:

Water Management:

Furrow on 6/30, 7/17, 8/12

Harvest Aids:

Harvest Date:

10/20/2020

### Producer:

### Laura Stephens

Variety/Technology:

Virtue 4720S

Planting Date:

4/15/2020

Previous Crops:

Corn, soy, corn

Soil Type:

Henry silt loam

Fertilizer:

0-20-60 (200lb) 4/15/2020

Planter/Row Width:

JD Air Drill, 7.5"

Seeding Rate/Depth:

150,000,

Seed Treatment:

Cruiser Bean Pack

Pest Control

Preplant –

Weed Management:

Preemerg – Boundary (1.5 pt) 4/16/2020

Post-emergent -Prefix (32 oz) & Select (8 oz) 5/2/2020,

Storm (1.5 pt) & Select (8 oz) on 5/27/2020

Insect Management:

Beseige (7 oz) 9/10/2020

Disease Management:

Miravis Top (13.7 oz) 7/28/2020

Other Foliar Apps:

Water Management:

Furrow on 6/30, 7/17, 8/12

Harvest Aids:

Harvest Date:

10/20/2020



**Producer:**

Variety/Technology:

Planting Date:

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:

**Hunter Stephens**

Virtue 4720S

4/15/2020

Corn, soy, corn

Calloway silt loam

Poultry Litter (1 ton) 4/8/2020

JD 1720 30"

140,000,

Cruiser Max Vibrance

Preplant – Roundup (1 qt), First Shot (1/2 oz) on 3/23/2020

Preemerg – Intimidator (40 oz), Gramoxone (32 oz)

4/18/2020

Post-emergent -Classic (1/2 oz), Zidua (1.75 oz) 5/21/2020

Beseige (8 oz) 7/6/2020

Miravis Top (13.7 oz) 7/6/2020

Furrow 3 inch each (6/28, 7/25, 8/20)

10/20/2020

**Producer:**

Variety/Technology:

Planting Date:

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:

**Jon Carroll**

Ellis

4/10/2020

Corn, soy, soy

Silty clay loam

Potassium (125 lb), Phosphorus (125 lb) 4/10/2020

Case planter 30"

140,000, 3"

Vitamax

Preplant – Glyphosate (2 pt), 2,4-D (2 pt) 3/20/2020

Preemerg – Dual (1 pt), Glyphosate (2 pt) 4/10/2020

Post-emergent -Prefix (2 pt) 4/24/2020

Furrow 4 times 3 inch each

10/16/2020

**Champion of Champions**

<b>Producer</b>	<b>County</b>	<b>Variety</b>	<b>Herb. Tech.</b>	<b>Yield (bu/ac)</b>
Matt Miles	Desha	Pioneer P47A64X	RR2X	116.858
Jason Berry	Arkansas	Pioneer P47A61X	RR2X	90.015
Michael Taylor Jr	Phillips	Asgrow AG46X6	RR2X	63.478

**Producer:**

Variety/Technology:

Planting Date:

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:

**Matt Miles**

Pioneer P47A64X RR2x

4/10/2020

Cotton, soy, cotton

Hebert Silt Loam

Chicken litter (1.62 t on 9/23/19), potash (64lb on 6/15/2020), AMS (100 lb on 6/15/2020), Pell Lime (130 lb on 5/18/2020)

Monosem Twin Row, 38"

155,000

Pioneer Seed Treatment

Preplant – Elevore (1 oz), Clethodim (12.8 oz), Glyphosate (32 oz), Firezone (6 oz) on 2/7/2020

Preemerg-Metribuzin (5 oz), Metolachlor (10 oz), Para Shot (32 oz) on 4/6/2020

Post-emergent- Prefix (32 oz), Glyphosate (32 oz) on 5/19/2020

Lambda cy (3.5 oz on 6/15/2020), Acephate (.9lb on 8/7/2020), Acephate (.8 lb) &amp; Bifen (5 oz) on 8/24/2020

Priaxor (4 oz on 5/19/2020), Revytek (8 oz) on 6/15/2020 &amp; 7/20/2020

Solubor (1 lb), Foliar K (64 oz), Complex PGR (4 oz) on 5/19/2020

Furrow 2 inches each on 6/5, 6/17, 7/2, 8/7

Defol 5 (4 qt) &amp; Sharpen (1 oz) on 9/3/2020

9/15/2020

**Producer:**

Variety/Technology:

Planting Date:

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:

**Jason Berry**

Pioneer P47A64X RR2X

4/10/2020

Rice, soy, soy

Silt loam

0-23-30 (400 lb) 4/1/20

GP twin row 38"

140,000,

Pioneer PST

Preplant – Generic Dual (1 pt), Generic Sencor (5 oz) 4/15/2020

Preemerg –

Post-emergent -Generic dual (1 pt) &amp; Generic Roundup (1.5 pt) on 5/2/2020, Generic Roundup (1.5 pt) 5/18/2020

Priaxor (4 oz) twice

Perc Plus (1 pt) Sulfur plus (1 qt), Crop Karb (1 qt), Urea 1 lb)

Furrow 5 times

Harvest Date: 10/1/2020

**Producer:**

**Michael Taylor Jr**

Variety/Technology:

Asgrow AG46X6 RR2X

Planting Date:

4/23/2020

Previous Crops:

Cotton, soy, corn

Soil Type:

Commercial silt loam

Fertilizer:

Potassium (150 lb), Phosphorus (100 lb) fall 2019

Planter/Row Width:

30"

Seeding Rate/Depth:

150,000,

Seed Treatment:

Cruiser Max

Pest Control

Preplant – Fierce

Weed Management:

Preemergence – Glyphosate, Dual

Post-emergent -Glyphosate, Dual

Insect Management:

Beseige -July

Disease Management:

Miravis Top (13/7 oz)

Other Foliar Apps:

Water Management:

Furrow 3 inch on 7/21

Harvest Aids:

Harvest Date:

9/11/2020



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

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