2018
Grow for the Green
Soybean Yield Challenge

Harvest Results
and
Production Information

ARKANSAS Soybean Association

U of A DIVISION OF AGRICULTURE RESEARCH & EXTENSION University of Arkansas System

ARKANSAS SOYBEAN PROMOTION BOARD HARVESTING THE POTENTIAL

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. This makes him the newest member of the 100 Bushel Club. To date, the Arkansas 100 Bushel Club has 18 members.

The current contest, the 2018 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.

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2018 Race for 100 & Grow for the Green Yield Contest Facts:

89 entries
40 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 – 100.8 bu/ac
Matt Miles – 107.6 bu/ac
Eddie Tackett – 104.8 bu/ac

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

Matt Miles – 100.6 bu/ac (2nd year in a row)
Sherrie Kay Miles – 106.5 bu/ac
David Bennett – 112.0 bu/ac

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

Perry Galloway – 108.8 bu/ac
Matt Miles – 108.7 bu/ac (3rd year in a row)
Charles Galloway – 100.9 bu/ac

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

Eddie Wray – 118.8 bu/ac
James Wray, Jr. – 109.7 bu/ac
Michael Taylor, Jr. – 101.3 bu/ac
Barbara Annette Wray – 109.8 bu/ac
Martin Henry – 113.9 bu/ac
Layne Miles – 101.0 bu/ac

In 2017, 9 producers achieved the 100 bu/ac level with 4 new members of the 100 Bushel Club:

Matt Miles – 105.0 bu/ac
Layne Miles – 108.1 bu/ac
James Elton Wray – 105.9 bu/ac
James E Wray, Jr. – 103.8 bu/ac
Billy Wayne Tripp – 100.5 bu/ac
John Newkirk – 104.0 bu/ac
Perry Galloway – 108.9 bu/ac
Mary Galloway – 107.6 bu/ac
Jason Berry – 102.9 bu/ac

In 2018, one producer reached the 100 bu/ac mark, and was the 18th producer to record over 100 bu/ac in the contest:

William Palsa – 107.4 bu/ac

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

Prizes awarded 2018
$130,000 available in the Grow for the Green Soybean Yield Contest.
Additional $5000 available to 100 bu/a winners (new club members only).
$20,000 available for any producers achieving 120 bu/ac.

2018 100 Bushel Winner – William Palsa – 107.394 bu/ac – Local Seed 4565

Here is my six-year-old son, that helps me take care of my crops. He knows the art behind irrigation here in the delta. I am a fourth-generation farmer that started on my own in 2001. We farmed around 8000 acres last year and have already picked up another 6000 acres for next year so we have expanded our acres to around 14,000 acres. There have been tough times and good times but through faith and hard work we have been able make a living. Hope to have many years of great crops and great experiences with my family on the farm. Thanks to them I keep my head up and strive forward!

An Overview of Production Practices used by Producers Obtaining Top Soybean Yields in the 2018 Arkansas Grow for the Green Yield Contest.

Dr. Jeremy Ross

Introduction

Again in 2018, 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 2018 GFTG program consisted of 89 registered producers, with 37 of the entries qualifying for prize consideration by obtaining yields of 60 bu/ac or better form their GFTG entry fields. In addition, 5 of the 40 producers (20%) 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, but only one producer reached this mark in 2018. William Palsa recorded a soybean grain yield of 107.394 bu/ac in 2018 joining the previous 17 soybean producers in the Arkansas Soybean 100 Bushel Club that have obtained certified soybean grain yields within the GFTG contest guidelines.

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 2018 GFTG fields were planted relatively later when compared to previous years. The average planting date for 2018 was April 23, with the range of planting dates from April 5 to May 18.

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 2015, 2016, and 2017 the range in seeding rates by the GFTG participants was from 120,000 to 180,000 with an approximate average of 150,000 seed/ac. During 2018, this trend in seeding rate continued with the seeding rate for the 40 entries ranging from 120,000 to 190,000 seed/ac with the average seeding rate of 147,500 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 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 to 2018. In 2018, only 17 (42.5%) 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 75% of the 2018 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. As in the past, the vast majority of the GFTG fields were furrow irrigated, but there were also some flood and center pivot irrigated fields in the 2018 program.

Harvest Aids

For the last few years, there were a few GFTG producers that applied a desiccant to facilitate the harvest operation. Fourteen producers (35%) in the 2018 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 2018 cropping season started out slower than normal due to the cool and wet conditions early in the season. During May, June, and July, the lack of appreciable rainfall and warmer than normal temperatures reduced disease pressure and caused an increase in the number of irrigations events compared to 2017. Wetter and warmer conditions observed during August and September caused seed quality problems not seen in over 10 years. Even despite the poor soybean seed quality, 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)
Marty White	Poinsett	Asgrow AG 46X6	RR2X	95.194
Annette Wray	Poinsett	Progeny P4816RX	RR2X	90.670
Mike Hook	Craighead	Pioneer P48A60X	RR2X	90.214
Casey Hook	Craighead	Pioneer P48A60X	RR2X	89.615
Paul Bingham	Poinsett	Pioneer P45A23X	RR2X	86.751

Producer:	**Marty White – Marty & Patsy White Farms**
Variety/Technology:	Asgrow AG 46X6 (RR2X)
Planting Date:	4/12/18
Previous Crops:	Soybeans/rice/rice
Soil Type:	
Fertilizer:	Average was 0-46-60 but used variable rate grid
Planter/Row Width:	38” Twin Row, JD1720 max emerge single row
Seeding Rate/Depth:	127,000 1.5 inches
Seed Treatment:	Cruiser Max Inoculant
Pest Control	
Weed Management:	Preplant – Preemerge – Helmquat (32 oz/acre) Intimidator (40 oz/acre) – 10 gallon water Post-emergent – Roundup (32 oz/acre), Warrant (48 oz/acre), Interlock (4 oz/acre) on 5/7/18 – 10 gallon water Pigweed late, chopped field once
Insect Management:	
Disease Management:	Max-N Sulfur (16 oz), Priaxor (4 oz), Topaz (4 oz) 13.5 gal water
Other Foliar Apps:	
Water Management:	Irrigated every 7-10 days
Harvest Aids:	Helmquat (12 oz/acre) 10 gallons water
Harvest Date:	9/17/18

Producer:	**Annette Wray – Wray Ridge Fields**
Variety/Technology:	Progeny P4816RX (RR2X)
Planting Date:	4/18/18
Previous Crops:	Cotton/soy/cotton
Soil Type:	Silt loam
Fertilizer:	80 bu variable rate fall 2017
Planter/Row Width:	Great Plains, 38” Twin Row
Seeding Rate/Depth:	130,000, 1 inch
Seed Treatment:	Seedshield, Kickstand, and Firstup
Pest Control	
Weed Management:	Preplant – Dicamba, Roundup Preemerge – Boundary, Gramoxone Post-emergent – Roundup, Zidua
Insect Management:	Besiege
Disease Management:	Priaxor, Domark
Other Foliar Apps:	
Water Management:	Irrigated 6 times

Harvest Aids:	Gramoxone
Harvest Date:	10/30/18

Producer:	**Mike Hook – MKH Farms LLC**
Variety/Technology:	Pioneer P48A60X (RR2X)
Planting Date:	4/10/2018
Previous Crops:	Soybeans/rice/corn
Soil Type:	Sandy loam
Fertilizer:	10-60-100 + 10 sulfur
Planter/Row Width:	Great Plains 12 Row Twin Row, 38” Twin Row
Seeding Rate/Depth:	130,000
Seed Treatment:	Yes
Pest Control	
Weed Management:	Preplant – Dual Preemerge – Post-emergent – Roundup, Dual
Insect Management:	
Disease Management:	2 Applications
Other Foliar Apps:	
Water Management:	Irrigated 7 times every 7-8 days
Harvest Aids:	Gramoxone
Harvest Date:	9/21/18

Producer:	**Casey Hook-Casey Hook Farms LLC**
Variety/Technology:	Pioneer P48A60X (RR2X)
Planting Date:	4/12/18
Previous Crops:	Soybeans/rice/cotton
Soil Type:	Sandy loam
Fertilizer:	10-75-120 with 10# sulfur
Planter/Row Width:	38” Twin Row, Great Plains 12 Row
Seeding Rate/Depth:	140,000
Seed Treatment:	
Pest Control	
Weed Management:	Preplant – Dual Preemerge – Post-emergent – Round-up
Insect Management:	2 applications
Disease Management:	2 applications
Other Foliar Apps:	
Water Management:	6 irrigations
Harvest Aids:	Gramoxone
Harvest Date:	10/5/18

Producer:	**Paul Bingham – Paul Bingham Farms Ptr**
Variety/Technology:	Pioneer P45A23X (RR2X)
Planting Date:	4/5/18
Previous Crops:	Corn/soybean/corn
Soil Type:	Sandy loam
Fertilizer:	0-60-140 fall applied
Planter/Row Width:	Monosem twin row, 38” beds
Seeding Rate/Depth:	135,000, 1 inch

Seed Treatment:	Pioneer PPST
Pest Control	
Weed Management:	Preplant – Metribuzin (1/3 oz), Liquid Zidua (3.25 oz) Preemerge – Prefix (40 oz) & Roundup (1 qt) Dry Zidua (1 oz) & Roundup (1 qt) Post-emergent – Generic Dual (1 pt) & Round up
Insect Management:	
Disease Management:	Approach Prima (6 oz)
Other Foliar Apps:	
Water Management:	Irrigated 11 times starting 5/5/18 ending 8/16/18)
Harvest Aids:	Helmquat (16 oz) by airplane
Harvest Date:	10/1/18

2-Northeast

Producer	County	Variety	Herb. Tech.	Yield (bu/ac)
Brad French	Randolph	Credenz CZ 4222 LL	LL	94.416
Judd Cunningham	Poinsett	Asgrow AG 46X7	RR2X	89.957
Brian Mack	Poinsett	Asgrow AG 46X6	RR2X	88.579
Garrett Burgess	Greene	Asgrow AG 46X6	RR2X	88.092
Kyle Schlenker	Cross	Asgrow AG 46X6	RR2X	86.831
Blake Goodman	Clay	Pioneer P47A76L	LL	85.197
Doin Bowers	Clay	Pioneer P48A60X	RR2X	83.565
Bruce Catt	Clay	Pioneer P48A60X	RR2X	81.241
Mark Ahrent	Clay	Armor 48-D24	RR2X	80.646
Trey Scott	Poinsett	Armor 46-D08	RR2X	79.029
Joey Massey	Greene	Credenz CZ 5147 LL	LL	76.439
Byron Lindsey	Poinsett	Armor 46-D08	RR2X	74.050
Angie Walker	Clay	Pioneer P45T39L	LL	57.598
Wade Walker	Clay	Pioneer P45T39L	LL	56.988
Jody Walker	Clay	Pioneer P45T39L	LL	56.926

Producer: **Brad French**
Variety/Technology: Credenz CZ 4222 LL (LL)
Planting Date: 4/20/18
Previous Crops: Corn/soybean/rice
Soil Type: Silt loam
Fertilizer: 200 lbs potash, 150 lbs MESZ
Planter/Row Width: Case, 30”
Seeding Rate/Depth: 155,000 – ½ “
Seed Treatment: Dynastart & Concensus
Pest Control
Weed Management: Pre-plant –
Pre-emergent – Intimidator (2 pts)
Post-Emerge – Liberty (36 oz)
Insect Management:
Disease Management: Stratego Xld
Other Foliar Apps:
Water Management: Weekly row watered
Harvest Aids: Gramoxone
Harvest Date: 9/20/18

Producer: **Judd Cunningham – 3 Mile Farms**
Variety/Technology: Asgrow AG46X7 (RR2X)
Planting Date: 4/19/18
Previous Crops: Rice/soybeans/rice
Soil Type: Clay Loam
Fertilizer: 120 lb of Aspire 4/15/18
Planter/Row Width: JD 1990 ccs, 7.5 “
Seeding Rate/Depth: 164,000, 1.25”
Seed Treatment: Apron Max
Pest Control

Weed Management:	Preplant – Preemerge – Boundary (1.5 pt) & Roundup (32 oz) Post-emergent – Roundup (32 oz/acre)
Insect Management:	
Disease Management:	
Other Foliar Apps:	
Water Management:	Levee water 6/5 & 7/20 – 2” each
Harvest Aids:	
Harvest Date:	10/3/18

Producer:	**Brian Mack – Brian & Kelly Mack Farm**
Variety/Technology:	Asgrow AG46X6 (RR2X)
Planting Date:	4/21/18
Previous Crops:	Soybeans/rice/soybeans
Soil Type:	Silt loam
Fertilizer:	0-60-90 on 4/19/18
Planter/Row Width:	Monosem twin row 38”
Seeding Rate/Depth:	150,000, 1/2 inch
Seed Treatment:	Apron Maxim
Pest Control	
Weed Management:	Preplant – Preemerge – Boundary (1.5 pt) Post-emergent – Roundup (1 qt) Roundup (1 qt) & Select (6 oz)
Insect Management:	Mustang Max (32 oz) & Acephate (1/2 lb)
Disease Management:	Quadris Top SBX (7 oz)
Other Foliar Apps:	
Water Management:	June & July 2”
Harvest Aids:	Gramoxone (1 pt)
Harvest Date:	10/22/18

Producer:	**Garrett Burgess – Garrett & Brittany Burgess Farms**
Variety/Technology:	Asgrow AG46X6 (RR2X)
Planting Date:	4/11/2018
Previous Crops:	Soybeans/rice/?
Soil Type:	Askew Silt loam (44%), Foley Bonn Complex (56%)
Fertilizer:	170 lb 0-46-0, 125 lb 0-0-60 on 3/23/18, 100 lb Urea & 50 lb Aspire OT
Planter/Row Width:	Case IH 1230, 30”
Seeding Rate/Depth:	145,000, 1.5 “
Seed Treatment:	NSMG
Pest Control	
Weed Management:	Preplant – Preemerge – Warrant (48 oz) & Roundup Powermax (32 oz) Post-emergent – Roundup Powermax (32 oz) & Storm (24 oz) & Ascent (3.4 oz)
Insect Management:	Dimlin (2 oz) ox 6/19
Disease Management:	Priaxor (7 oz on 6/19), Quadris Top SBX (7.5 oz on 7/6)
Other Foliar Apps:	
Water Management:	Furrow 9 times
Harvest Aids:	Sodium Chlorate (1 gal)

Harvest Date:	10/8/18
Producer:	**Kyle Schlenker**
Variety/Technology:	Asgrow AG 46X6 (RR2X)
Planting Date:	5/7/2018
Previous Crops:	Rice/soybeans/rice
Soil Type:	Silt loam
Fertilizer:	0-60-120 plus boron
Planter/Row Width:	JD 12 Row, 30”
Seeding Rate/Depth:	140,000, 1.5”
Seed Treatment:	Intego
Pest Control	
Weed Management:	Preplant – Preemerge – Post-emergent – Roundup (1 qt) & Prefix (1 qt), Roundup on 6/8
Insect Management:	Mustang Max & Acephate on 8/10
Disease Management:	Priaxor D (8 oz) on 7/18
Other Foliar Apps:	
Water Management:	Furrow 4 times (6/13,7/4, 7/24,8/5
Harvest Aids:	Gramoxone & Super B
Harvest Date:	10/30/18
Producer:	**Blake Goodman – Goodman Farms Joint Venture**
Variety/Technology:	Pioneer P47A76L (LL)
Planting Date:	5/1/18
Previous Crops:	Rice, corn, soybeans
Soil Type:	Benlah fine sandy loam
Fertilizer:	0-60-120
Planter/Row Width:	30”
Seeding Rate/Depth:	170,000
Seed Treatment:	Pioneer seed treatment
Pest Control	
Weed Management:	Preplant – Metribuzin (.25 lb) & Anthem MAXX Preemerge – Post-emergent – Liberty (32 oz) & Class Act – twice
Insect Management:	Besiege (8 oz)
Disease Management:	Priaxor (4 oz)
Other Foliar Apps:	
Water Management:	Irrigated 5 times
Harvest Aids:	
Harvest Date:	10/30/18
Producer:	**Doin Bowers – Bowers Farms**
Variety/Technology:	Pioneer P48A60X (RR2X)
Planting Date:	4/15/18
Previous Crops:	Rice/corn/soybeans
Soil Type:	Crowley silt loam
Fertilizer:	0-55-120
Planter/Row Width:	38” Twin Row
Seeding Rate/Depth:	146,000

Seed Treatment:	Pioneer seed treatment
Pest Control	
	Preplant – Roundup (1 qt)
Weed Management:	Preemerge – Warrant (3 pts) & Metribuzin (.4 lb)
	Post-emergent – Roundup (1 qt) & Warrant Ultra
Insect Management:	
Disease Management:	Quadris (6 oz)
Other Foliar Apps:	
Water Management:	Irrigated 7 times
Harvest Aids:	
Harvest Date:	10/18/18

Producer:	**Bruce Catt – Catt Farms**
Variety/Technology:	Pioneer P48A60X (RR2X)
Planting Date:	5/6/2018
Previous Crops:	Rice/soybeans/rice
Soil Type:	Foley Silt Loam
Fertilizer:	0-60-100
Planter/Row Width:	30”
Seeding Rate/Depth:	145,000
Seed Treatment:	Pioneer seed treatment
Pest Control	
	Preplant – Envive & Valor
Weed Management:	Preemerge – Roundup
	Post-emergent – Roundup
Insect Management:	Prevathon
Disease Management:	Quadris Top
Other Foliar Apps:	
Water Management:	Irrigated 7 times
Harvest Aids:	
Harvest Date:	10/12/18

Producer:	**Mark Ahrent – Martin Ahrent & Sons**
Variety/Technology:	Armor 48-D24 (RR2X)
Planting Date:	5/7/18
Previous Crops:	Rice/soybeans/rice
Soil Type:	
Fertilizer:	
Planter/Row Width:	Row planter 30” on 60” beds
Seeding Rate/Depth:	150,000
Seed Treatment:	Pioneer seed treatment
Pest Control	
	Pre-plant
Weed Management:	Pre-emergent – Intimidator
	Post-Emerge – Roundup & Classic
Insect Management:	
Disease Management:	
Other Foliar Apps:	
Water Management:	8 times
Harvest Aids:	
Harvest Date:	11/10/18

Producer:	**Trey Scott – Scott Brothers**
Variety/Technology:	Armor 46-D08 (RR2X)
Planting Date:	4/20/18
Previous Crops:	
Soil Type:	
Fertilizer:	
Planter/Row Width:	
Seeding Rate/Depth:	
Seed Treatment:	
Pest Control	
Weed Management:	Preplant – Preemerge – Post-emergent –
Insect Management:	
Disease Management:	
Other Foliar Apps:	
Water Management:	
Harvest Aids:	
Harvest Date:	10/8/18

Producer:	**Joey Massey – Joey Massey Farm**
Variety/Technology:	Credenz CZ 5147 LL (LL)
Planting Date:	5/10/18
Previous Crops:	Soybeans/corn/soybeans
Soil Type:	Calloway silt loam, oaklimeter silt loam
Fertilizer:	200 lb – Impact PK on 5/5, 64 oz delivered Kplus & 3-0-20 & 15 oz Nutriplant on 7/21, 100 lb 0-0-60 & 50 lb 18-46-0 on 7/23
Planter/Row Width:	1235 IH Planter, 30”
Seeding Rate/Depth:	140,000m 1.25”
Seed Treatment:	
Pest Control	
Weed Management:	Preplant – Envy Intense (32 oz) & Verimax AMS (8 oz) on 4/30 Preemerge – Galvan (24 oz) on 5/10 Post-emergent – Liberty (32 oz) & Verimax AMS (8 oz) & Vison S-MOC (1pt) on 6/4 Liberty (4o oz) & Verimax AMS (8 oz) on 6/16
Insect Management:	
Disease Management:	Priaxor-D (8 oz) on 7/21 & 8/5
Other Foliar Apps:	
Water Management:	
Harvest Aids:	Gramoxone 2SL (1 pt) &
Harvest Date:	10/5/18

Producer:	**Byron Lindsey – Byron Lindsey Farms Inc**
Variety/Technology:	Armor 46-D08 (RR2X)
Planting Date:	
Previous Crops:	
Soil Type:	
Fertilizer:	

Planter/Row Width:
Seeding Rate/Depth:
Seed Treatment:
Pest Control
Preplant –
Weed Management: Preemerge –
Post-emergent –
Insect Management:
Disease Management:
Other Foliar Apps:
Water Management:
Harvest Aids:
Harvest Date: 10/29/18

Producer: **Angie Walker – Walker Farms**
Variety/Technology: Pioneer P45T39L (LL)
Planting Date: 4/30/2018
Previous Crops: Soybeans/soybeans/?
Soil Type: Kobel
Fertilizer: 0-25-60
Planter/Row Width: Grain Drill, 7.5”
Seeding Rate/Depth: 190,000
Seed Treatment: None
Pest Control
Preplant – Roundup Power Max (32 oz), Presidua (2.25 pts), Crop oil (1 pt)
Weed Management: Preemerge –
Post-emergent – 5/25 – Liberty (32 oz) & Class Act (1.25%), 6/11 – Liberty (32 oz) & Class Act (1.25%)
Insect Management:
Disease Management: Stratego Yield, Mustang Max
Other Foliar Apps:
Water Management: 6 times
Harvest Aids:
Harvest Date: 10/9/18

Producer: **Wade Walker – Wade Walker Farms**
Variety/Technology: Pioneer P45T39L (LL)
Planting Date: 4/30/18
Previous Crops: Soybeans/soybeans/?
Soil Type: Kobel
Fertilizer: 0-25-60
Planter/Row Width: Grain drill – 7.5”
Seeding Rate/Depth: 190,000
Seed Treatment: None
Pest Control
Preplant – Roundup PowerMax (32 oz), Presidua (2.25 pt) & Crop oil
Weed Management: Preemerge –
Post-emergent – Liberty (32 oz) & Class Act twice (5/25 & 6/11)

Insect Management:	
Disease Management:	Stratego Yield
Other Foliar Apps:	
Water Management:	Irrigated 6 times
Harvest Aids:	
Harvest Date:	10/9/18

Producer:	**Jody Walker – Jody Walker Farms**
Variety/Technology:	Pioneer P45T39L (LL)
Planting Date:	4/30/18
Previous Crops:	Soybeans/soybeans
Soil Type:	Kobel
Fertilizer:	0-25-60
Planter/Row Width:	Grain drill – 7.5”
Seeding Rate/Depth:	190,000
Seed Treatment:	None
Pest Control	
	Preplant – Roundup PowerMax (32 oz), Presidua (2.25 pt) & Crop oil
Weed Management:	Preemerge – Post-emergent – Liberty (32 oz) & Class Act twice (5/25 & 6/11)
Insect Management:	
Disease Management:	Stratego Yield (4.64 oz), Master Lock (6.4 oz)
Other Foliar Apps:	
Water Management:	Irrigated 6 times
Harvest Aids:	
Harvest Date:	10/9/18

3-White River Basin

Producer	County	Variety	Herb. Tech.	Yield (bu/ac)
Terry Fuller	Monroe	Pioneer P47T36	RR	83.513
Justin Earls	Jackson	Progeny P4851RX	RR2X	79.575
Bill Rushing	Woodruff	Armor 440	LL	70.713

Producer:	**Terry Fuller – Terry Fuller Farms**
Variety/Technology:	Pioneer P47T36 (RR)
Planting Date:	5/4/2018
Previous Crops:	Corn/soybeans/soybeans
Soil Type:	
Fertilizer:	0-40-90
Planter/Row Width:	JD 1890, 7.5” on 30” bed
Seeding Rate/Depth:	150,000
Seed Treatment:	Cruiser Max
Pest Control	
Weed Management:	Preplant – Glyphosate & Dicamba Preemerge – Fierce & Glyphosate Post-emergent – Glyphosate & Prefix, Glyphosate & Dual
Insect Management:	Besiege
Disease Management:	Quadris Top
Other Foliar Apps:	
Water Management:	Row watered 7 times
Harvest Aids:	
Harvest Date:	10/6/18

Producer:	**Justin Earls – J & C Earls Farm**
Variety/Technology:	Progeny P4851RX (RR2X)
Planting Date:	4/8/2018
Previous Crops:	Soybeans/soybeans/rice
Soil Type:	
Fertilizer:	1-ton chicken litter in fall followed by 100lb potash
Planter/Row Width:	John Deere 1590, 7.5
Seeding Rate/Depth:	165,000
Seed Treatment:	Cruiser Max
Pest Control	
Weed Management:	Preplant – Preemerge – Zidua (2 oz), Metribuzin (5 oz) Post-emergent –Power Max (1 qt), Prefix (36 oz)
Insect Management:	
Disease Management:	Priaxor
Other Foliar Apps:	
Water Management:	Row water 6/20, 7/10, 8/5
Harvest Aids:	
Harvest Date:	10/9/18

Producer:	**Bill Rushing – Bill & Ann Rushing Farm**
Variety/Technology:	Armor 440 (LL)
Planting Date:	4/27/18
Previous Crops:	Corn/soybean/soybeans
Soil Type:	Sandy
Fertilizer:	0-40-60
Planter/Row Width:	JD 1730, 30”
Seeding Rate/Depth:	150,000, 1.25”
Seed Treatment:	Apron Max
Pest Control	
Weed Management:	Preplant – Zidua (1 oz), Liberty (30 oz) - twice Preemerge – Zidua Post-emergent – Liberty (30 oz) twice
Insect Management:	
Disease Management:	
Other Foliar Apps:	
Water Management:	6 times (5/14,5/28,6/11,6/25,7/9,7/23)
Harvest Aids:	Paraquat (1 pt)
Harvest Date:	10/2/18

4-Central & Grand Prairie

Producer	County	Variety	Herb. Tech.	Yield (bu/ac)
Taylor Burdett	Arkansas	Asgrow AG 47X6	RR2X	93.088
Drew Counce	Arkansas	Pioneer P46A16R	RR	90.321
David Strohl	Prairie	Asgrow AG 46X6	RR2X	90.234
David Petter	Prairie	Pioneer P46A16R	RR	85.762

Producer: **Taylor Burdett-Burdett Farming Partnership**
Variety/Technology: Asgrow AG 47X6 (RR2X)
Planting Date: 4/30/2018
Previous Crops: Soybeans/Rice/Soybeans
Soil Type:
Fertilizer: Variable rate – 2 acre grow samples
Planter/Row Width: JD 1700, 30”
Seeding Rate/Depth: 130,000
Seed Treatment: Revise
Pest Control
Preplant – Envy Intense (32 oz), 2-4D (24 oz), AMS (1/4%) – 3/15/18
Weed Management: Preemerge – Zidua (1.5 oz) 4/30/18
Post-emergent – Envy Intense (32 oz), Vice (32 oz), AMS (1/4%) 5/18/18
Insect Management:
Disease Management:
Other Foliar Apps: 1 gal K-plus
Water Management: 5 total watering – every 10 days 6/8 and ending 8/18
Harvest Aids:
Harvest Date: 9/21/18

Producer: **Drew Counce -Drew Counce Farms**
Variety/Technology: Pioneer P46A16R (RR)
Planting Date: 4/22/2018
Previous Crops: Rice/soybeans/soybeans
Soil Type: Silt loam
Fertilizer: 0-56-160
Planter/Row Width: JD 1725, 30”
Seeding Rate/Depth: 140,000, 2”
Seed Treatment: Cruiser Max
Pest Control
Preplant – Dual, Scepter
Weed Management: Preemerge –
Post-emergent – Prefix, Roundup
Insect Management: Besiege (8 oz)
Disease Management: Priaxor (4 oz) & Tilt (4 oz) at R3 and R5
Other Foliar Apps:
Water Management: Furrow on 6/10, 6/20, 6/30,7/15,7/30
Harvest Aids:
Harvest Date: 10/3/18

Producer:	**David Strohl – D & C Farms**
Variety/Technology:	Asgrow AG 46X6 (RR2X)
Planting Date:	5/2/18
Previous Crops:	Rice/soybean/soybean
Soil Type:	Crowley Silt Loam
Fertilizer:	0-60-140 (5/1/18) 21-0-0-24 (later)
Planter/Row Width:	JD 455 Grain Drill fb, Dickeyvator on 40” centers, 7.5”
Seeding Rate/Depth:	160,000, 1.5”
Seed Treatment:	Equity VIP(3 oz), Consensus (.4 oz), Mertect 340F
Pest Control	
Weed Management:	Preplant – Preemerge – Intimidator (2 pt) on 5/4/18 Post-emergent – Makaze Yield Pro (40 oz), Prefix (28 oz), Medalec (7 oz) on 5/30/18
Insect Management:	
Disease Management:	Priaxor (4 oz) and Fitness (6 oz)
Other Foliar Apps:	Nutrisync D – 10 0z
Water Management:	Furrow 5 times starting 6/20
Harvest Aids:	Gramoxone (16 oz) & Defol 5(1 qt)
Harvest Date:	10/4/18

Producer:	**David Petter – Petter Farms**
Variety/Technology:	Pioneer P46A16R (RR)
Planting Date:	4/18/2018
Previous Crops:	Rice/soybeans/rice
Soil Type:	Crowley Silt Loam
Fertilizer:	24-80-148-20(S)-.5(B) on 4/18/18
Planter/Row Width:	JD 1720 MaxEmerge XP 16 row, 30”
Seeding Rate/Depth:	145000,1.25”
Seed Treatment:	Equity VIP(3 oz), consensus (.4 oz), Mertect 340F (.64 oz), Awakens (4 oz)
Pest Control	
Weed Management:	Preplant – Preemerge – Zidua (1.5 oz) Post-emergent – Roundup Power Max II(32 oz), BASF Outlook (14 oz)
Insect Management:	
Disease Management:	Priaxor (4 oz) on 6/19 & 7/10
Other Foliar Apps:	QuickUltra (32 oz) with Awaken, Radiate (2 oz) 2 with post herbicide, Nutrisync D (10 oz), ReNforce K (1.5 gal) with fungicide
Water Management:	
Harvest Aids:	Gramoxone (16 oz)
Harvest Date:	10/3/18

5-East Central Delta

Producer	County	Variety	Herb. Tech.	Yield (bu/ac)
Michael Taylor, Jr.	Phillips	Asgrow AG 47X6	RR2X	87.809
Neil Culp	Phillips	Asgrow AG 46X6	RR2X	87.394
Blake Culp	Phillips	Asgrow AG 46X6	RR2X	86.624
Mike Taylor	Phillips	Asgrow AG 46X6	RR2X	84.236

Producer:	**Michael Taylor, Jr. – Phoenix Farms**
Variety/Technology:	Asgrow AG 47X6 (RR2X)
Planting Date:	4/21/2018
Previous Crops:	Soybeans/corn/soybeans
Soil Type:	
Fertilizer:	0-60-120
Planter/Row Width:	7.5”
Seeding Rate/Depth:	150,000, 1.5”
Seed Treatment:	Cruiser Max
Pest Control	
Weed Management:	Preplant – Preemerge – Boundary, Glyphosate Post-emergent – Zidua, Glyphosate
Insect Management:	Bifin at R3
Disease Management:	Fungicide at R3
Other Foliar Apps:	
Water Management:	No irrigation
Harvest Aids:	
Harvest Date:	9/21/18

Producer:	**Neil Culp – Double A Farms**
Variety/Technology:	Asgrow AG 46X6 (RR2X)
Planting Date:	4/15/18
Previous Crops:	Soybean/soybean/soybean
Soil Type:	Memphis Silt Loam
Fertilizer:	0-60-90
Planter/Row Width:	JD 1725, 30”
Seeding Rate/Depth:	140,000, 1.25”
Seed Treatment:	Cruiser Max
Pest Control	
Weed Management:	Preplant – Paraquat Preemerge – Intimidator Post-emergent – Zidua, Glyphosate
Insect Management:	Bifinthrin @ R3
Disease Management:	Priaxor
Other Foliar Apps:	
Water Management:	Furrow 5 times
Harvest Aids:	Gramoxone
Harvest Date:	10/2/18

Producer:	**Blake Culp – B & L Farms**
Variety/Technology:	Asgrow AG 46X6 (RR2X)
Planting Date:	4/15/2018
Previous Crops:	Soybeans/soybeans/soybeans
Soil Type:	Memphis Silt Loam
Fertilizer:	0-60-90
Planter/Row Width:	JD 1725, 30”
Seeding Rate/Depth:	140,000, 1”
Seed Treatment:	Cruiser Max
Pest Control	
	Preplant – Paraquat
Weed Management:	Preemerge – Intimidator, Glyphosate
	Post-emergent -Zidua, Glyphosate
Insect Management:	Bifin at R3
Disease Management:	Priaxor
Other Foliar Apps:	
Water Management:	Furrow 5 times
Harvest Aids:	
Harvest Date:	10/2/18

Producer:	**Mike Taylor – Long Lake Plantation**
Variety/Technology:	Asgrow AG 46X6 (RR2X)
Planting Date:	4/22/18
Previous Crops:	Soybean/corn/soybean
Soil Type:	Commerce Silt Loam
Fertilizer:	0-60-120
Planter/Row Width:	7.5”
Seeding Rate/Depth:	150,000, 1.5”
Seed Treatment:	Cruiser Max
Pest Control	
	Preplant –
Weed Management:	Preemerge -Boundary, Glyphosate
	Post-emergent – Prefix, Glyphosate
Insect Management:	Insecticide@ R3
Disease Management:	Fungicide @ R3
Other Foliar Apps:	
Water Management:	Furrow 3 times
Harvest Aids:	
Harvest Date:	10/4/18

6-Southeast Delta

Producer	County	Variety	Herb. Tech.	Yield (bu/ac)
William Palsa	Desha	Local Seed LS4565XS	RR2X	107.394
Caper Robertson	Desha	Asgrow AG 4632	RR2Y	87.403
Kenneth Robertson	Desha	Asgrow AG 46X6	RR2X	83.402

Producer:	**William Palsa – Palsa Plantation**
Variety/Technology:	Local Seed LS4565XS (RR2X)
Planting Date:	4/21/2018
Previous Crops:	Soybeans/corn/soybeans
Soil Type:	
Fertilizer:	0-60-120
Planter/Row Width:	7.5”
Seeding Rate/Depth:	150,000, 1.5”
Seed Treatment:	Cruiser Max
Pest Control	
Weed Management:	Preplant – Preemerge – Boundary, Glyphosate Post-emergent -Zidua, Glyphosate
Insect Management:	Bifin at R3
Disease Management:	Fungicide at R3
Other Foliar Apps:	
Water Management:	No irrigation
Harvest Aids:	
Harvest Date:	9/4/18

Producer:	**Caper Robertson – K & C Farms Inc**
Variety/Technology:	Asgrow AG 4632 (RR2Y)
Planting Date:	5/1/18
Previous Crops:	soybean/soybean/soybean
Soil Type:	Sharkey Clay
Fertilizer:	1.5 Tons/acre litter fall 2017
Planter/Row Width:	Great Plains Twin Row, 38”
Seeding Rate/Depth:	140,000, 2”
Seed Treatment:	Cruiser Max
Pest Control	
Weed Management:	Preplant – Preemerge – Gramoxone & Trivence Post-emergent – Roundup & Warrant Ultra, Roundup & Metolachlor
Insect Management:	Besiege , Besiege & Acephate
Disease Management:	Quadris Top SBX
Other Foliar Apps:	
Water Management:	Furrow 2 inches (6/5, 6/18, 7/5, 7/17, 8/6)
Harvest Aids:	
Harvest Date:	9/19/18

Producer:	**Kenneth Robertson-Kenneth Robertson Farms Partnership**
Variety/Technology:	Asgrow AG 46X6 (RR2X)
Planting Date:	4/18/2018
Previous Crops:	Soybeans/soybeans/soybeans
Soil Type:	Caushatta complex/sharkey clay
Fertilizer:	1 ton/acre litter, 100 lb 0-0-60
Planter/Row Width:	Great Plains Twin Row, 38”
Seeding Rate/Depth:	140,000, 1.5”
Seed Treatment:	Cruiser Max
Pest Control	
Weed Management:	Preplant – Preemerge – Gramoxone & Trivence Post-emergent - Roundup & Warrant Ultra, Roundup & Metolachlor
Insect Management:	Besiege , Besiege & Acephate
Disease Management:	Quadris Top SBX
Other Foliar Apps:	
Water Management:	Row 2 in each (6/5, 6/15, 7/2, 7/17, 8/6)
Harvest Aids:	
Harvest Date:	9/19/18

7 - Western

Producer	County	Variety	Herb. Tech.	Yield (bu/ac)
Greg Hart	Conway	Terral REV 48A76	RR	77.067
James Gregory	Conway	Pioneer P47T36R	RR	72.269
Lewis Moore	Conway	Beck 494	LL	65.51

Producer:	**Greg Hart – Hart & Sons Farm**
Variety/Technology:	Terral Rev 48A76 (RR)
Planting Date:	5/10/2018
Previous Crops:	Soybeans/wheat/fallow
Soil Type:	
Fertilizer:	200 lb 0-46-0 fall 2017
Planter/Row Width:	JD 1730 Max Emerge, 15”
Seeding Rate/Depth:	130,000, 1”
Seed Treatment:	Seed Shield, Graph-EX SA
Pest Control	
Weed Management:	Preplant – Preemerge – Paraquat (1 qt), Valor (2 oz), Sencor (4 oz), Cloak (4 oz) Post-emergent -PowerMax (1 qt), Warrant Ultra (3 pt), Percplus (16 oz)
Insect Management:	
Disease Management:	Stratego Yield (4 oz) @ R3
Other Foliar Apps:	Crop -Carb (32 oz) Boron Plus (6 oz) @R3/4
Water Management:	Pivot – 9 turns- weekly as needed .75” each turn
Harvest Aids:	
Harvest Date:	10/23/18

Producer:	**James Gregory – Gregory Brothers Farm LLC**
Variety/Technology:	Pioneer P47T36R (RR)
Planting Date:	5/8/18
Previous Crops:	soybean/soybean/soybean
Soil Type:	
Fertilizer:	none
Planter/Row Width:	JD 1770, 15”
Seeding Rate/Depth:	155,000, 1”
Seed Treatment:	Pioneer Fungicide & Insecticide
Pest Control	
Weed Management:	Preplant – Roundup (1 qt) & 2,4-D (1 qt) Preemerge – Gramoxone (36 oz) & Trivence (12 oz) Post-emergent – Roundup PowerMax (1 qt) & Prefix (1 qt)
Insect Management:	
Disease Management:	
Other Foliar Apps:	
Water Management:	No irrigation
Harvest Aids:	
Harvest Date:	10/24/18

Producer:	**Lewis Moore**
Variety/Technology:	Beck 494 (LL)
Planting Date:	5/12/2018
Previous Crops:	Corn/soybean/soybean
Soil Type:	Roxanna Silt Loam
Fertilizer:	P-55 lb, K20-100 lb
Planter/Row Width:	White 6100 15 Row, 19”
Seeding Rate/Depth:	129,000, 1.5”
Seed Treatment:	Escalate
Pest Control	
Weed Management:	Preplant – Preemerge – Gramoxone (1 qt) Post-emergent – Liberty (1 qt) & Dual (1 pt), Twice
Insect Management:	
Disease Management:	Fungicide @ R-1
Other Foliar Apps:	
Water Management:	Pivot ½ per app – 6/28, 7/7-9, 7/12-13, 7/16-17, 7/23, 7/25, 7/27, 8/3-4)
Harvest Aids:	
Harvest Date:	10/30/18

Conventional

Producer	County	Variety	Herb. Tech.	Yield (bu/ac)
Jon Carroll	Monroe	USG Ellis	Conv	70.764
Laura Stephens	Cross	Progeny P4910	Conv	70.309
Brandon Stephens	Cross	Progeny P4910	Conv	67.701

Producer:	**Jon Carroll**
Variety/Technology:	USG Ellis (Conv)
Planting Date:	5/18/2018
Previous Crops:	corn/soybeans/soybeans
Soil Type:	Calhoun Silt Loam
Fertilizer:	0-30-60
Planter/Row Width:	JD 1720, 30”
Seeding Rate/Depth:	120,000, 1”
Seed Treatment:	Cruiser Max
Pest Control	
Weed Management:	Preplant – Gramoxone Preemerge – Dual Post-emergent -Prefix
Insect Management:	1 app for stinkbugs
Disease Management:	
Other Foliar Apps:	
Water Management:	Twice – 7/6 & 7/28
Harvest Aids:	
Harvest Date:	10/25/18

Producer:	**Laura Stephens – Little Gen 3 Farms**
Variety/Technology:	Progeny P4910
Planting Date:	4/9/18
Previous Crops:	corn/soybean/corn
Soil Type:	Silt Loam
Fertilizer:	0-50-90 4/8/18
Planter/Row Width:	JD 750 – 30’, 15”
Seeding Rate/Depth:	150,000, 1”
Seed Treatment:	Cruiser -Apron Max
Pest Control	
Weed Management:	Preplant – Boundary Preemerge – Zidua Post-emergent – Select, Warrant Ultra, Basagran
Insect Management:	
Disease Management:	Quadris Top
Other Foliar Apps:	
Water Management:	7/9, 7/23
Harvest Aids:	
Harvest Date:	10/30/18

Producer:	**Brandon Stephens – Stephens Farm Ptr**
Variety/Technology:	Progeny P4910
Planting Date:	4/9/2018
Previous Crops:	Corn/soybean/corn
Soil Type:	Silt loam
Fertilizer:	0-50-90 4/8/18
Planter/Row Width:	JD 750 – 30’ , 15”
Seeding Rate/Depth:	150,000, 1”
Seed Treatment:	Cruiser-Apron Max
Pest Control	
Weed Management:	Preplant – Boundary Preemerge – Zidua Post-emergent – Select, Warrant Ultra, Basagran
Insect Management:	
Disease Management:	Quadris Top
Other Foliar Apps:	
Water Management:	7/9, 7/23
Harvest Aids:	
Harvest Date:	10/30/18

ARKANSAS SOYBEAN PROMOTION BOARD
HARVESTING THE POTENTIAL

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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