

2016 Arkansas Corn Standardized County Hybrid Trials



DIVISION OF AGRICULTURE
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Arkansas Corn Standardized County Hybrid Trials, 2016

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County	District	County Agent	Cooperator
Ashley	Southeast	Kevin Norton	Keith Ladd
Chicot	Southeast	Gus Wilson	SMAC Farms
Conway	River Valley	Kevin VanPelt	3 Brothers Farm
Craighead	Northeast	Branon Thiesse	John Johnson
Crittenden	Northeast	Russ Parker	Phil Pirani
Cross	Northeast	Rick Wimberley	Karl Garner
Desha	Southeast	Chuck Capps	Eddie Palsa
Faulkner	River Valley	Rebecca Thomas	Jill Evans
Greene	Northeast	Allen Davis & Dave Freeze	Derek Boling
Lafayette	Southwest	Amanda Greer	Clarence Brent
Lawrence/Randolph	Northeast	Herb Ginn & Mike Andrews	Craig Williams
Lee	Central	Stan Baker	Aaron Traylor
Lincoln	Southeast	Steven Stone	John Freeman
Logan	River Valley	Bob Harper	Kenny Schluterman
Lonoke	Central	Keith Perkins & Jenny Ross	Scott Mitchell
Mississippi	Northeast	Jason Osborn	Ron Holthouse
Monroe	Central	Van Banks	Chris Hodge
Phillips	Southeast	Robert Goodson & Shawn Payne	David Gregory
Poinsett	Northeast	Craig Allen & Justin Chlapecka	James Wray
Prairie	Central	Brent Griffin & Amy Carroll	Greenwalt Company
White	Central	Brett Gordon	Keith Feather
Woodruff	Central	Richard Klerk	Perry Galloway
Yell	River Valley	Bob Powell	Chris Mans

Special thanks to the Industry Representatives that supplied seed:

Company	Representative
AgriGold Hybrids	Chad Coleman
Armor	Jeff Pangle
DeKalb	Chet Chaney
Delta Grow	Lee Hughes
Crop Production Services (Dyna-Gro)	Stacey Bruff
Terral Seed Inc.	Paul Sumner

INTRODUCTION

The 2016 growing season was the ninth year for the Corn Standardized County Hybrid Trial Program. The program's goal is to increase knowledge on selected hybrids that are being evaluated in the University of Arkansas Corn Hybrid testing program (www.arkansasvarietytesting.com). The trials were a collaborative effort between growers, County Extension agents, Extension specialists, and industry representatives. In the trials, producers followed their normal production practices they use on their farms. The cooperation of all producers mentioned in this publication is appreciated. Producers donate time, equipment and hired labor to make these trials possible.

Trials were separated into five districts and within each district hybrids entered were consistent. Districts included the Northeast, Central, Southeast, River Valley and Southwest, representing the major corn producing areas of Arkansas. A map on page 4 shows the counties in each district. Industry representatives and Extension specialists choose hybrids to be entered, and hybrids were required to be commercially available and have been tested/or being tested in the University of Arkansas Corn Hybrid testing program. All hybrid trials were irrigated with the exception of Logan County in the River Valley and all hybrids were glyphosate tolerant. Relative maturity of hybrids entered ranged from 113 to 118 days. A full list of hybrids entered along with relative maturity and traits can be found on page 32. Trials were strip trials and were not replicated, but multiple locations within a district do provide useful information on yield potential and agronomic considerations.

Information collected in each trial included; soil type, planting date, agronomic production practices utilized by each producer, final plant population, test weight, grain moisture at harvest, plant lodging and yield. Plots were planted with producer equipment and typically were eight rows wide by the length of field (500-1500 ft). Grain moisture and test weights were recorded by commercial or hand held grain analysis equipment. Grain yields were adjusted to 15.5% moisture. When lodging occurred visual ratings were taken by County Extension agents, Extension specialists and/or producers. Lodging in 2016 was greater than in previous years and in some trials greatly impacted yields.

In 2016, 23 trials were harvested and results reported. Planting dates ranged from March 3 to April 26 with an average planting date of April 4. Planting rates ranged from 28,000 to 40,000 seeds per acre with an average of 34,000. Harvest dates ranged from August 29 to September 21 with an average harvest date of September 7.

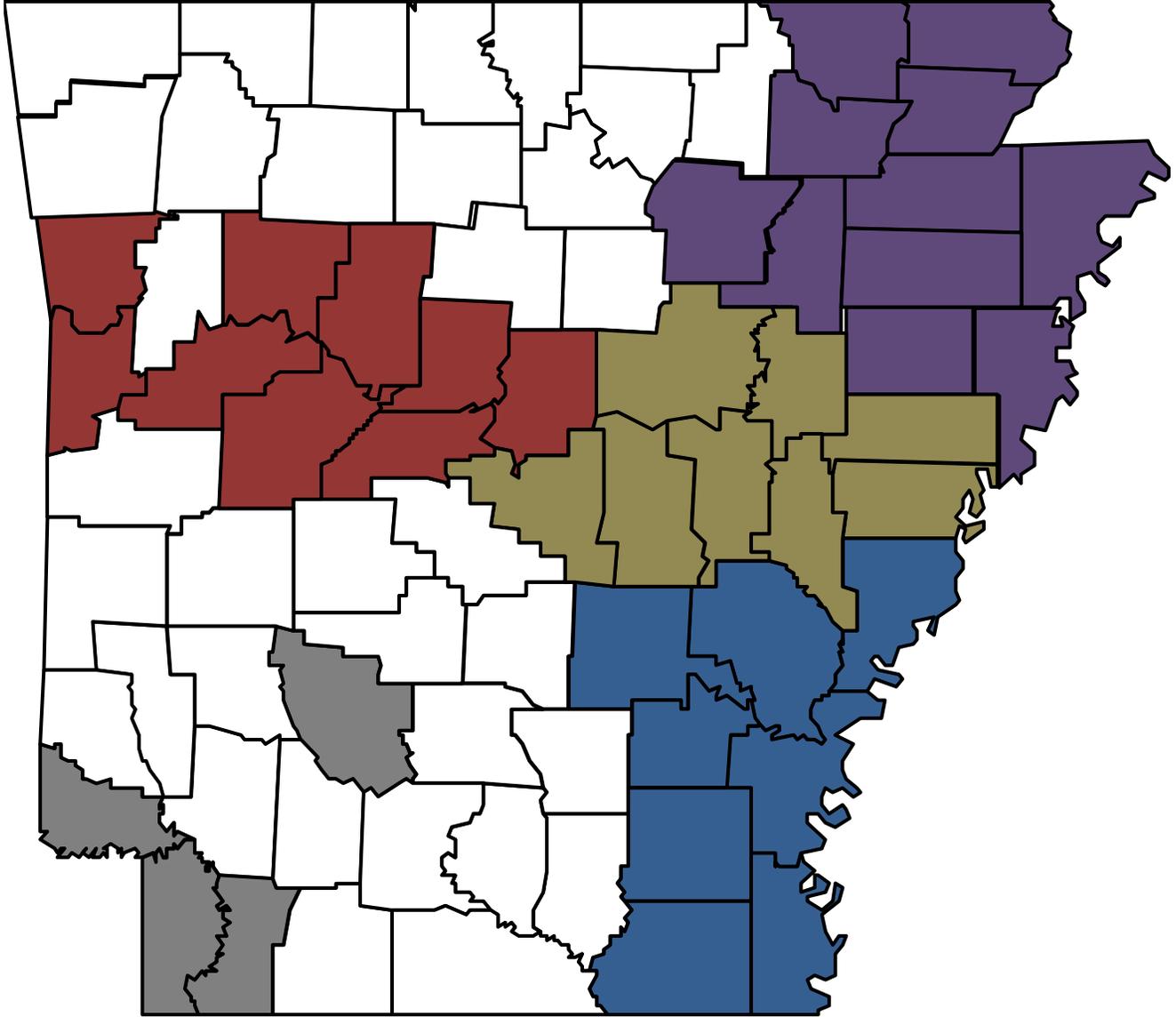
The authors would like to express their gratitude to the producers, County Agents, and industry representatives that made these trials possible.

An electronic copy of this publication can be found at the following web addresses:

Cooperative Extension Service Corn Webpage - www.uaex.edu/corn

Cooperative Extension Service Corn & Grain Sorghum Verification Webpage - www.uaex.edu/cgsrvp

Arkansas Corn Standardized County Hybrid Trials District Map

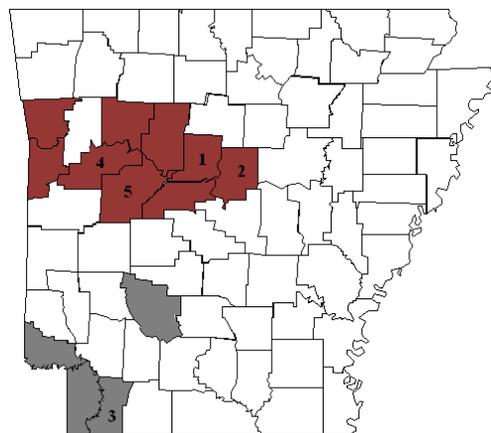


Southwest	Grey
River Valley	Red
Central	Olive Green
Southeast	Blue
Northeast	Purple

River Valley and Southwest Districts Summary

The River Valley District had four trials and the Southwest had one trial. The following table is a yield summary of the hybrids across these districts.

Hybrid	----- bushels per acre -----					Hybrid Average
	Conway	Faulkner	Lafayette	Logan*	Yell	
Armor 1500 PRO	190.8	149.2	201.7	170.0	198.6	182.1
Armor 1717 PRO	189.4	172.1	205.6	156.4	165.0	177.7
DeKalb 67-14GENVT2P	182.2	185.4	212.8	---	124.8	176.3
DeKalb 67-72GENVT2P	208.1	171.6	211.9	---	203.2	198.7
Dyna-Gro D57VP51	202.3	168.2	223.0	182.3	197.0	194.6
Dyna-Gro D58VC37	198.4	173.3	205.3	158.5	202.0	187.5
Terral REV 23BHR55	192.1	---	195.9	134.5	119.3	160.5
Terral REV 25BHR26	175.3	174.4	215.6	166.1	123.7	171.0
County Average	192.3	170.6	209.0	161.3	166.7	
Note:	*Trial was non irrigated.					



1 – Conway County

2 – Faulkner County

3 – Lafayette County

4 – Logan County

5 – Yell County

Conway County

Grower: 3 Brothers Farms

County Agent: Kevin VanPelt

Location of Field: South of Plummerville

GPS: N 35° 07.383 W 92° 38.167

Soil Type: Roxana Silt Loam

Previous Crop: Soybeans

Row Width: 30 inches

Planting Population: 33,000

Planting Date: April 8, 2016

Harvest Date: September 13, 2016



Irrigation Type and Frequency: Pivot irrigated 11 times

Fertility (lb/ac)	N	P	K	S	Zn
--- Preplant	44	0	60	24	0
--- Sidedress	126	0	0	0	0
--- Pretassel	70	0	0	0	0
Total Fertility	240	0	60	24	0

Hybrid	Adjusted Yield bu/ac ¹	Harvest Moisture	Final Plant Population ²	Lodging Score ³	Test Wt lb/bu
Armor 1500 PRO	190.8	12.5%	32,000	1	59.6
Armor 1717 PRO	189.4	12.6%	31,500	3	61.1
DeKalb 67-14GENVT2P	182.2	12.6%	34,500	3	60.4
DeKalb 67-72GENVT2P	208.1	12.7%	32,000	1	57.6
Dyna-Gro D57VP51	202.3	12.3%	31,500	1	60.6
Dyna-Gro D58VC37	198.4	12.9%	31,500	1	60.9
Terral REV 23BHR55	192.1	12.7%	32,500	3	59.0
Terral REV 25BHR26	175.3	12.9%	32,000	2	59.4
County Average	192.3	12.7%	32,000	2	59.8

¹ Yield is adjusted to 15.5% moisture.

² Final Plant Population is given as plants per acre.

³ Lodging Score – 1 is no lodging, 10 is completely lodged.

Faulkner County

Grower: Jill Evans

County Agent: Rebecca Thomas

Location of Field: Lollie Bottoms

GPS: N 34° 57.665 W 92° 32.936

Soil Type: Moreland Silty Clay

Previous Crop: Soybeans

Row Width: 30 inches

Planting Population: 28,000

Planting Date: March 29, 2016

Harvest Date: August 31, 2016



Irrigation Type and Frequency: Pivot irrigated 11 times

Fertility (lb/ac)	N	P	K	S	Zn
--- Preplant	57	57	57	0	0
--- Sidedress	115	0	0	0	0
--- Pretassel	46	0	0	0	0
Total Fertility	218	57	57	0	0

Hybrid	Adjusted Yield bu/ac ¹	Harvest Moisture	Final Plant Population ²	Lodging Score ³	Test Wt lb/bu
Armor 1500 PRO	149.2	16.1%	19,500	---	58.0
Armor 1717 PRO	172.1	16.2%	23,500	---	54.0
DeKalb 67-14GENVT2P	185.4	15.1%	22,000	---	57.0
DeKalb 67-72GENVT2P	171.6	15.2%	27,000	---	58.0
Dyna-Gro D57VP51	168.2	16.0%	22,500	---	58.0
Dyna-Gro D58VC37	173.3	15.6%	22,500	---	58.0
Terral REV 23BHR55*	---	---	---	---	---
Terral REV 25BHR26	174.4	15.3%	28,000	---	57.0
County Average	170.6	15.6%	23,500	---	57.1
Note:	*Hybrid not reported due to harvest error. Final plant populations were low due to cool wet weather after planting.				

¹ Yield is adjusted to 15.5% moisture.

² Plant Stand is given as plants per acre.

³ Lodging Score – 1 is no lodging, 10 is completely lodged.

Lafayette County

Grower: Clarence Brent

County Agent: Amanda Greer

Location of Field: Spirit Lake

GPS: N 33° 18.093 W 93° 39.583

Soil Type: Rilla Silt Loam

Previous Crop: Corn

Row Width: 30 inches

Planting Population: 34,000

Planting Date: April 8, 2016

Harvest Date: September 21, 2016



Irrigation Type and Frequency: Furrow irrigated 2 times

Fertility (lb/ac)	N	P	K	S	Zn
--- Preplant	7	22	90	0	1
--- Sidedress	168	0	0	0	0
--- Pretassel	0	0	0	0	0
Total Fertility	175	22	90	0	1

Hybrid	Adjusted Yield bu/ac ¹	Harvest Moisture	Final Plant Population ²	Lodging Score ³	Test Wt lb/bu
Armor 1500 PRO	201.7	13.5%	30,500	1	59.0
Armor 1717 PRO	205.6	13.5%	34,500	1	59.4
DeKalb 67-14GENVT2P	212.8	13.6%	32,000	1	58.3
DeKalb 67-72GENVT2P	211.9	14.0%	33,000	1	58.2
Dyna-Gro D57VP51	223.0	13.8%	31,000	1	57.9
Dyna-Gro D58VC37	205.3	13.7%	32,500	1	59.1
Terral REV 23BHR55	195.9	13.5%	35,500	1	64.4
Terral REV 25BHR26	215.6	13.5%	32,500	1	60.0
County Average	209.0	13.6%	32,500	1	59.5

¹ Yield is adjusted to 15.5% moisture.

² Final Plant Population is given as plants per acre.

³ Lodging Score – 1 is no lodging, 10 is completely lodged.

Logan County

Grower: Mike & Kenny Schluterman

County Agent: Bob Harper

Location of Field: Paris

GPS: N 35° 22.431 W 93° 38.9130

Soil Type: Roxana Silt Loam

Previous Crop: Soybeans

Row Width: 38 inches

Planting Population: 28,000

Planting Date: April 4, 2016

Harvest Date: September 14, 2016



Irrigation Type and Frequency: Non irrigated

Fertility (lb/ac)	N	P	K	S	Zn
--- Preplant	69	120	120	0	0
--- Sidedress	69	0	0	0	0
--- Pretassel	0	0	0	0	0
Total Fertility	138	120	120	0	0

Hybrid	Adjusted Yield bu/ac ¹	Harvest Moisture	Final Plant Population ²	Lodging Score ³	Test Wt lb/bu
Armor 1500 PRO	170.0	13.6%	26,000	1	57.0
Armor 1717 PRO	156.4	13.5%	27,000	6	56.0
DeKalb 67-14GENVT2P*	---	---	27,000	---	---
DeKalb 67-72GENVT2P*	---	---	28,000	---	---
Dyna-Gro D57VP51	182.3	13.7%	26,000	3	57.0
Dyna-Gro D58VC37	158.5	13.6%	27,000	7	56.0
Terral REV 23BHR55	134.5	13.7%	27,000	8	56.0
Terral REV 25BHR26	166.1	13.8%	27,000	7	56.0
County Average	161.3	13.7%	27,000	5	56.3
Note:	* Hybrids not reported due to harvesting error. High levels of stalk lodging likely reduced yields of some hybrids.				

¹ Yield is adjusted to 15.5% moisture.

² Final Plant Population is given as plants per acre.

³ Lodging Score – 1 is no lodging, 10 is completely lodged.

Yell County

Grower: Chris Mans

County Agent: Bob Powell

Location of Field: Cotton Town

GPS: N 35° 07.164 W 93° 01.991

Soil Type: Dardanelle Silt Loam

Previous Crop: Soybeans

Row Width: 30 inches

Planting Population: 32,000

Planting Date: March 29, 2016

Harvest Date: September 13, 2016



Irrigation Type and Frequency: Furrow irrigated 5 times

Fertility (lb/ac)	N	P	K	S	Zn
--- Preplant	65	93	93	0	0
--- Sidedress	92	0	0	0	0
--- Pretassel	0	0	0	0	0
Total Fertility	157	93	93	0	0

Hybrid	Adjusted Yield bu/ac ¹	Harvest Moisture	Final Plant Population ²	Lodging Score ³	Test Wt lb/bu
Armor 1500 PRO	198.6	13.0%	30,000	1	60.5
Armor 1717 PRO	165.0	12.8%	31,000	4	59.8
DeKalb 67-14GENVT2P	124.8	13.1%	33,500	6	59.1
DeKalb 67-72GENVT2P	203.2	13.3%	33,000	1	56.2
Dyna-Gro D57VP51	197.0	12.5%	31,500	1	61.0
Dyna-Gro D58VC37	202.0	12.9%	30,500	1	60.3
Terral REV 23BHR55	119.3	12.6%	32,500	6	56.9
Terral REV 25BHR26	123.7	12.8%	34,000	6	60.4
County Average	166.7	12.9%	32,000	3	59.3
Note:	High levels of stalk lodging likely reduced yields of some hybrids.				

¹ Yield is adjusted to 15.5% moisture.

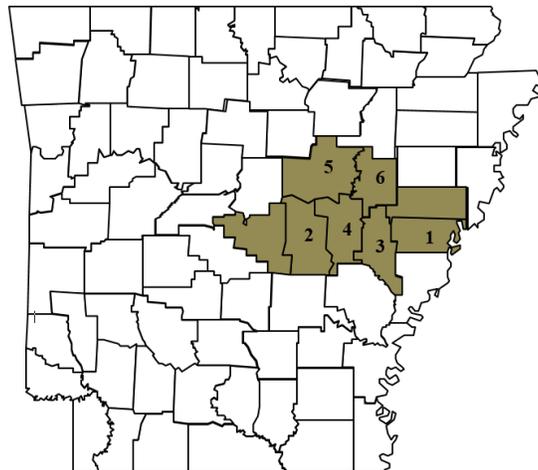
² Final Plant Population is given as plants per acre.

³ Lodging Score – 1 is no lodging, 10 is completely lodged.

Central District Summary

The Central District had six trials. The following table is a yield summary of the hybrids across this district.

Hybrid	----- bushels per acre -----						Hybrid Average
	Lee	Lonoke	Monroe	Prairie	White	Woodruff	
Armor 1500 PRO	210.6	224.5	202.9	191.8	229.2	236.6	215.9
Armor 1717 PRO	236.2	227.9	184.5	209.4	232.7	252.2	223.8
DeKalb 67-14GENVT2P	233.6	214.0	171.1	228.7	233.8	254.5	222.6
DeKalb 67-72GENVT2P	190.8	239.0	168.9	215.5	234.1	253.0	216.9
Delta Grow 2688	177.5	189.4	164.4	167.5	202.0	217.6	186.4
Delta Grow 2888	179.8	203.2	181.9	212.1	225.2	228.0	205.0
Dyna-Gro D57VP51	215.5	216.0	184.9	235.7	233.8	263.8	225.0
Dyna-Gro D58VC37	224.4	242.6	154.3	---	227.4	265.8	222.9
Terral REV 23BHR55	195.3	215.5	192.3	199.7	197.5	239.9	206.7
Terral REV 25BHR26	198.6	211.1	179.1	232.1	219.2	241.1	213.5
County Average	206.2	218.3	178.4	210.3	223.5	245.3	



- 1 – Lee County 2 – Lonoke County 3 – Monroe County 4 – Prairie County
 5 – White County 6 – Woodruff County

Lee County

Grower: Aaron Traylor

Location of Field: Moro

Soil Type: Henry Silt Loam

Row Width: 38 inches

Planting Date: March 22, 2016

County Agent: Stan Baker

GPS: N 34° 50.067 W 90° 57.667

Previous Crop: Soybeans

Planting Population: 33,000

Harvest Date: September 1, 2016



Irrigation Type and Frequency: Furrow irrigated 8 times

Fertility (lb/ac)	N	P	K	S	Zn
--- Preplant	60	63	90	10	1
--- Sidedress	115	0	0	0	0
--- Pretassel	46	0	0	0	0
Total Fertility	221	83	90	10	1

Hybrid	Adjusted Yield bu/ac ¹	Harvest Moisture	Final Plant Population ²	Lodging Score ³	Test Wt lb/bu
Armor 1500 PRO	210.6	15.4%	31,500	1	60.0
Armor 1717 PRO	236.2	15.0%	33,000	1	63.1
DeKalb 67-14GENVT2P	233.6	16.1%	36,000	1	53.0
DeKalb 67-72GENVT2P	190.8	14.0%	35,000	1	61.0
Delta Grow 2688	177.5	14.2%	35,000	1	61.2
Delta Grow 2888	179.8	14.6%	35,000	1	65.7
Dyna-Gro D57VP51	215.5	13.7%	32,500	1	66.3
Dyna-Gro D58VC37	224.4	13.6%	36,000	1	67.1
Terral REV 23BHR55	195.3	13.5%	35,000	1	64.3
Terral REV 25BHR26	198.6	13.0%	32,500	1	68.5
County Average	206.2	14.3%	34,000	1	63.0

¹ Yield is adjusted to 15.5% moisture.

² Final Plant Population is given as plants per acre.

³ Lodging Score – 1 is no lodging, 10 is completely lodged.

Lonoke County

Grower: Scott Mitchell

Location of Field: Lonoke

Soil Type: Stuttgart Silt Loam

Row Width: 30 inches

Planting Date: March 24, 2016

County Agent: Keith Perkins & Jenny Ross

GPS: N 34° 51.058 W 91° 53.753

Previous Crop: Soybeans

Planting Population: 35,000

Harvest Date: September 18, 2016



Irrigation Type and Frequency: Furrow irrigated 6 times

Fertility (lb/ac)	N	P	K	S	Zn
--- Preplant	75	60	100	0	0
--- Sidedress	124	0	0	0	0
--- Pretassel	46	0	0	0	0
Total Fertility	245	60	100	0	0

Hybrid	Adjusted Yield bu/ac ¹	Harvest Moisture	Final Plant Population ²	Lodging Score ³	Test Wt lb/bu
Armor 1500 PRO	224.5	14.4%	29,000	1	61.4
Armor 1717 PRO	227.9	15.8%	32,000	1	56.0
DeKalb 67-14GENVT2P	214.0	17.6%	34,000	1	57.8
DeKalb 67-72GENVT2P	239.0	14.8%	34,000	1	57.1
Delta Grow 2688	189.4	14.5%	34,000	2	56.0
Delta Grow 2888	203.2	19.4%	33,000	1	55.5
Dyna-Gro D57VP51	216.0	16.0%	34,000	1	53.3
Dyna-Gro D58VC37	242.6	13.9%	33,500	1	65.6
Terral REV 23BHR55	215.5	14.2%	32,500	1	57.0
Terral REV 25BHR26	211.1	15.4%	33,000	1	56.3
County Average	218.3	15.6%	33,000	1	55.6

¹ Yield is adjusted to 15.5% moisture.

² Final Plant Population is given as plants per acre.

³ Lodging Score – 1 is no lodging, 10 is completely lodged.

Monroe County

Grower: Chris Hodge

Location of Field: Brinkley

Soil Type: Dubbs Silt Loam

Row Width: 30 inches

Planting Date: March 23, 2016

Irrigation Type and Frequency: Furrow irrigated 8 times

County Agent: Van Banks

GPS: N 34° 45.813 W 91° 13.631

Previous Crops: Soybeans

Planting Population: 30,000

Harvest Date: September 6, 2016



Fertility (lb/ac)	N	P	K	S	Zn
--- Preplant	78	69	0	0	0
--- Sidedress	150	0	0	0	0
--- Pretassel	0	0	0	0	0
Total Fertility	228	69	0	0	0

Hybrid	Adjusted Yield bu/ac ¹	Harvest Moisture	Final Plant Population ²	Lodging Score ³	Test Wt lb/bu
Armor 1500 PRO	202.9	14.6%	31,000	1	---
Armor 1717 PRO	184.5	14.7%	33,000	1	---
DeKalb 67-14GENVT2P	171.1	13.8%	27,500	1	---
DeKalb 67-72GENVT2P	168.9	14.0%	32,000	1	---
Delta Grow 2688	164.4	13.8%	31,000	1	---
Delta Grow 2888	181.9	14.5%	30,000	1	---
Dyna-Gro D57VP51	184.9	14.1%	33,000	1	---
Dyna-Gro D58VC37	154.3	14.3%	33,000	1	---
Terral REV 23BHR55	192.3	13.8%	33,500	1	---
Terral REV 25BHR26	179.1	13.8%	33,000	1	---
County Average	178.4	14.1%	32,000	1	---

¹ Yield is adjusted to 15.5% moisture.

² Final Plant Population is given as plants per acre.

³ Lodging Score – 1 is no lodging, 10 is completely lodged.

Prairie County

Grower: Greenwalt Company

Location of Field: Hazen

Soil Type: Immanuel Silt Loam

Row Width: 30 inches

Planting Date: March 29, 2016

County Agent: Brent Griffin & Amy Carroll

GPS: N 34° 46.881 W 91° 37.482

Previous Crops: Soybeans

Planting Population: 34,000

Harvest Date: September 7, 2016



Irrigation Type and Frequency: Furrow irrigated 5 times

Fertility (lb/ac)	N	P	K	S	Zn
--- Preplant	220	60	90	48	0
--- Sidedress	0	0	0	0	0
--- Pretassel	0	0	0	0	0
Total Fertility	220	60	90	48	0

Hybrid	Adjusted Yield bu/ac ¹	Harvest Moisture	Final Plant Population ²	Lodging Score ³	Test Wt lb/bu
Armor 1500 PRO	191.8	13.7%	21,000	1	56.0
Armor 1717 PRO	209.4	14.1%	31,000	6	58.0
DeKalb 67-14GENVT2P	228.7	13.9%	25,000	1	59.0
DeKalb 67-72GENVT2P	215.5	13.4%	27,000	2	60.0
Delta Grow 2688	167.5	13.4%	24,000	7	54.0
Delta Grow 2888	212.1	14.2%	24,000	1	58.0
Dyna-Gro D57VP51	235.7	13.8%	28,000	2	58.0
Dyna-Gro D58VC37*	---	---	---	---	---
Terral REV 23BHR55	199.7	14.2%	25,000	4	55.0
Terral REV 25BHR26	232.1	13.4%	30,000	2	59.0
County Average	210.3	13.8%	26,000	3	57.4

Note: *Hybrid not reported due to planting error.
Plant Populations were low due to cool wet weather and bird damage after planting.
High levels of stalk lodging likely reduced yields of some hybrids.

¹ Yield is adjusted to 15.5% moisture.

² Final Plant Population is given as plants per acre.

³ Lodging Score – 1 is no lodging, 10 is completely lodged.

White County

Grower: Keith Feather

County Agent: Brett Gordon

Location of Field: Griffithville

GPS: N 35° 05.973 W 91° 38.049

Soil Type: Calhoun Silt Loam

Previous Crop: Soybeans

Row Width: 30 inches

Planting Population: 36,000

Planting Date: April 7, 2016

Harvest Date: August 29, 2016



Irrigation Type and Frequency: Furrow irrigated 7 times

Fertility (lb/ac)	N	P	K	S	Zn
--- Preplant	70	0	120	10	3
--- Sidedress	131	0	0	0	0
--- Pretassel	46	0	0	0	0
Total Fertility	247	0	120	10	3

Hybrid	Adjusted Yield bu/ac ¹	Harvest Moisture	Final Plant Population ²	Lodging Score ³	Test Wt lb/bu
Armor 1500 PRO	229.2	17.8%	34,500	1	57.1
Armor 1717 PRO	232.7	18.9%	34,500	4	57.1
DeKalb 67-14GENVT2P	233.8	18.2%	36,000	3	57.8
DeKalb 67-72GENVT2P	234.1	18.3%	36,500	1	56.3
Delta Grow 2688	202.0	18.7%	34,000	2	56.0
Delta Grow 2888	225.2	17.4%	34,500	3	54.8
Dyna-Gro D57VP51	233.8	17.7%	36,000	1	57.7
Dyna-Gro D58VC37	227.4	18.0%	36,500	4	58.2
Terral REV 23BHR55	197.5	18.5%	35,500	3	55.6
Terral REV 25BHR26	219.2	17.3%	36,000	3	60.5
County Average	223.5	18.1%	35,500	3	57.1

¹ Yield is adjusted to 15.5% moisture.

² Final Plant Population is given as plants per acre.

³ Lodging Score – 1 is no lodging, 10 is completely lodged.

Woodruff County

Grower: Perry Galloway

County Agent: Richard Klerk

Location of Field: Gregory

GPS: N 35° 10.867 W 91° 20.567

Soil Type: Wiville Fine Sandy Loam

Previous Crop: Soybeans

Row Width: 38 inch twin

Planting Population: 34,500

Planting Date: April 18, 2016

Harvest Date: September 16, 2016



Irrigation Type and Frequency: Pivot irrigated 12 times

Fertility (lb/ac)	N	P	K	S	Zn
--- Preplant	110	150	120	0	10
--- Sidedress	170	0	0	36	0
--- Pretassel	56	0	0	12	0
Total Fertility	336	150	120	48	10

Hybrid	Adjusted Yield bu/ac ¹	Harvest Moisture	Final Plant Population ²	Lodging Score ³	Test Wt lb/bu
Armor 1500 PRO	236.6	13.5%	35,000	1	60.3
Armor 1717 PRO	252.2	13.6%	32,500	1	61.9
DeKalb 67-14GENVT2P	254.5	13.9%	34,500	1	62.5
DeKalb 67-72GENVT2P	253.0	13.8%	33,000	1	57.9
Delta Grow 2688	217.6	14.2%	34,000	1	57.7
Delta Grow 2888	228.0	13.9%	33,500	1	60.4
Dyna-Gro D57VP51	263.8	13.8%	34,500	1	61.0
Dyna-Gro D58VC37	265.8	13.8%	36,000	1	59.6
Terral REV 23BHR55	239.9	13.7%	35,000	1	60.0
Terral REV 25BHR26	241.1	13.8%	34,000	1	61.9
County Average	245.3	13.8%	34,000	1	60.3

¹ Yield is adjusted to 15.5% moisture.

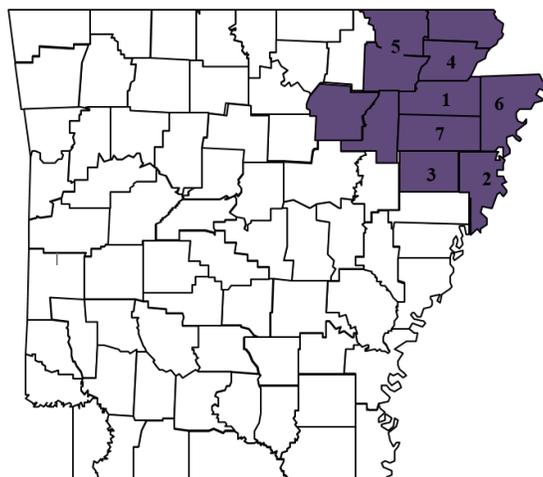
² Final Plant Population is given as plants per acre.

³ Lodging Score – 1 is no lodging, 10 is completely lodged.

Northeast District Summary

The Northeast District had seven trials. The following table is a yield summary of the hybrids across this district.

Hybrid	----- bushels per acre -----							Hybrid Average
	Craighead	Crittenden	Cross	Greene	Lawrence/ Randolph	Mississippi	Poinsett	
AgriGold 6659VT2RIB	181.4	251.2	247.2	172.9	224.0	226.8	261.0	223.5
AgriGold 6711VT2PRO	170.4	243.1	255.8	188.9	223.9	229.0	271.1	226.0
Armor 1500 PRO	164.4	223.5	234.9	179.1	226.5	219.0	230.8	211.2
Armor 1717 PRO	164.4	249.0	236.3	190.8	209.4	225.5	261.7	219.6
DeKalb 67-14GENVT2P	161.8	229.2	217.4	187.1	148.9	216.3	250.7	201.6
DeKalb 67-72GENVT2P	180.1	240.5	---	174.7	186.2	222.1	265.4	211.5
Dyna-Gro D57VP51	184.5	250.8	261.0	206.6	233.5	222.0	262.3	231.5
Dyna-Gro D58VC37	174.1	254.6	253.5	195.7	225.1	232.8	268.7	229.2
Terral REV 23BHR55	188.3	243.1	119.4	140.8	178.7	227.7	228.7	189.5
Terral REV 25BHR26	159.5	229.2	---	146.0	205.3	218.0	232.4	198.4
County Average	172.9	241.4	228.2	178.3	206.2	223.9	253.3	



- 1 – Craighead County 2 – Crittenden County 3 – Cross County 4 – Greene County
 5 – Lawrence/Randolph 6 – Mississippi County 7 – Poinsett County

Craighead County

Grower: John Johnson

County Agent: Branon Thiesse

Location of Field: Jonesboro

GPS: N 35° 50.160 W 90° 33.420

Soil Type: Fountain Silt Loam

Previous Crop: Soybeans

Row Width: 38 inches

Planting Population: 33,000

Planting Date: April 16, 2016

Harvest Date: September 15, 2016



Irrigation Type and Frequency: Furrow irrigated 10 times

Fertility (lb/ac)	N	P	K	S	Zn
--- Preplant	30	70	90	0	0
--- Sidedress	138	0	0	0	0
--- Pretassel	46	0	0	0	0
Total Fertility	214	70	90	0	0

Hybrid	Adjusted Yield bu/ac ¹	Harvest Moisture	Final Plant Population ²	Lodging Score ³	Test Wt lb/bu
AgriGold 6659VT2RIB	181.4	13.7%	38,500	1	60.3
AgriGold 6711VT2PRO	170.4	13.4%	34,500	1	60.2
Armor 1500 PRO	164.4	13.3%	34,000	1	61.0
Armor 1717 PRO	164.4	13.1%	34,500	1	62.3
DeKalb 67-14GENVT2P	161.8	13.3%	34,000	1	59.9
DeKalb 67-72GENVT2P	180.1	12.6%	36,500	1	61.6
Dyna-Gro D57VP51	184.5	13.6%	31,500	1	59.5
Dyna-Gro D58VC37	174.1	13.9%	34,500	1	58.6
Terral REV 23BHR55	188.3	14.6%	34,500	1	57.5
Terral REV 25BHR26	159.5	13.8%	35,500	1	59.7
County Average	172.9	13.5%	35,000	1	60.1

¹ Yield is adjusted to 15.5% moisture.

² Final Plant Population is given as plants per acre.

³ Lodging Score – 1 is no lodging, 10 is completely lodged.

Crittenden County

Grower: Phil Pirani

County Agent: Russ Parker

Location of Field: James Mill

GPS: N 35° 15.562 W 90° 14.961

Soil Type: Dundee Silt Loam

Previous Crop: Corn

Row Width: 38 inch twin

Planting Population: 34,500

Planting Date: April 10, 2016

Harvest Date: September 10, 2016



Irrigation Type and Frequency: Furrow irrigated 5 times

Fertility (lb/ac)	N	P	K	S	Zn
--- Preplant	0	40	40	0	0
--- Sidedress	200	0	0	0	0
--- Pretassel	0	0	0	0	0
Total Fertility	200	40	40	0	0

Hybrid	Adjusted Yield bu/ac ¹	Harvest Moisture	Final Plant Population ²	Lodging Score ³	Test Wt lb/bu
AgriGold 6659VT2RIB	251.2	15.3%	34,500	1	56.8
AgriGold 6711VT2PRO	243.1	15.2%	33,000	1	59.0
Armor 1500 PRO	223.5	14.5%	33,500	1	61.7
Armor 1717 PRO	249.0	15.1%	38,500	1	59.7
DeKalb 67-14GENVT2P	229.2	14.8%	37,500	1	59.8
DeKalb 67-72GENVT2P	240.5	14.9%	39,500	1	57.1
Dyna-Gro D57VP51	250.8	15.1%	34,500	1	57.7
Dyna-Gro D58VC37	254.6	14.8%	37,000	1	59.8
Terral REV 23BHR55	243.1	14.8%	39,500	1	57.8
Terral REV 25BHR26	229.2	14.6%	40,500	1	59.3
County Average	241.4	14.9%	37,000	1	58.9

¹ Yield is adjusted to 15.5% moisture.

² Plant Stand is given as plants per acre.

³ Lodging Score – 1 is no lodging, 10 is completely lodged.

Cross County

Grower: Karl Garner

County Agent: Rick Wimberley

Location of Field: Wynne

GPS: N 35° 14.233 W 90° 49.035

Soil Type: Henry Silt Loam

Previous Crop: Soybeans

Row Width: 38 inch twin

Planting Population: 36,000

Planting Date: April 16, 2016

Harvest Date: September 3, 2016



Irrigation Type and Frequency: Furrow irrigated 8 times

Fertility (lb/ac)	N	P	K	S	Zn
--- Preplant	45	46	60	0	0
--- Sidedress	141	0	0	5	0
--- Pretassel	21	0	0	23	0
Total Fertility	207	46	60	28	0

Hybrid	Adjusted Yield bu/ac ¹	Harvest Moisture	Final Plant Population ²	Lodging Score ³	Test Wt lb/bu
AgriGold 6659VT2RIB	247.2	18.8%	36,000	1	54.3
AgriGold 6711VT2PRO	255.8	17.3%	35,000	1	60.5
Armor 1500 PRO	234.9	19.6%	35,000	2	51.8
Armor 1717 PRO	236.3	19.0%	36,000	3	55.6
DeKalb 67-14GENVT2P	217.4	18.8%	35,000	3	54.6
DeKalb 67-72GENVT2P*	---	---	36,000	---	---
Dyna-Gro D57VP51	261.0	18.8%	35,500	2	55.7
Dyna-Gro D58VC37	253.5	19.2%	36,000	1	54.7
Terral REV 23BHR55	119.4	18.1%	35,000	6	55.1
Terral REV 25BHR26*	---	---	34,000	---	---
County Average	228.2	18.7%	35,500	2	55.3
Note:	*Yields not reported due to harvest errors. High levels of stalk lodging likely reduced yields of some hybrids.				

¹ Yield is adjusted to 15.5% moisture.

² Final Plant Population is given as plants per acre.

³ Lodging Score – 1 is no lodging, 10 is completely lodged.

Greene County

Grower: Derek Boling

Location of Field: Paragould

Soil Type: Calhoun Silt Loam

Row Width: 30 inches

Planting Date: April 9, 2016

County Agent: Dave Freeze & Allen Davis

GPS: N 36° 00.472 W 90° 28.512

Previous Crop: Rice

Planting Population: 35,000

Harvest Date: September 6, 2016



Irrigation Type and Frequency: Furrow irrigated 5 times

Fertility (lb/ac)	N	P	K	S	Zn
--- Preplant	80	50	110	12	0
--- Sidedress	143	0	0	18	0
--- Pretassel	46	0	0	0	0
Total Fertility	269	50	110	30	0

Hybrid	Adjusted Yield bu/ac ¹	Harvest Moisture	Final Plant Population ²	Lodging Score ³	Test Wt lb/bu
AgriGold 6659VT2RIB	172.9	17.8%	32,000	1	---
AgriGold 6711VT2PRO	188.9	19.0%	35,000	1	---
Armor 1500 PRO	179.1	18.0%	34,000	1	---
Armor 1717 PRO	190.8	19.1%	33,000	1	---
DeKalb 67-14GENVT2P	187.1	17.5%	34,000	1	---
DeKalb 67-72GENVT2P	174.7	17.5%	32,000	1	---
Dyna-Gro D57VP51	206.6	18.6%	34,000	1	---
Dyna-Gro D58VC37	195.7	18.8%	34,000	1	---
Terral REV 23BHR55	140.8	17.5%	33,000	1	---
Terral REV 25BHR26	146.0	17.3%	35,000	1	---
County Average	178.3	18.1%	33,500	1	---

¹ Yield is adjusted to 15.5% moisture.

² Final Plant Population is given as plants per acre.

³ Lodging Score – 1 is no lodging, 10 is completely lodged.

Lawrence/Randolph County

Grower: Craig Williams

County Agent: Herb Ginn &
Mike Andrews

Location of Field: Walnut Ridge

GPS: N 36° 06.854 W 91° 01.018

Soil Type: Sharkey Silty Clay

Previous Crop: Soybeans

Row Width: 30 inches

Planting Population: 34,000

Planting Date: April 13, 2016

Harvest Date: September 9, 2016



Irrigation Type and Frequency: Furrow irrigated 8 times

Fertility (lb/ac)	N	P	K	S	Zn
--- Preplant	40	60	90	0	2
--- Sidedress	120	0	0	0	0
--- Pretassel	45	0	0	0	0
Total Fertility	205	60	90	0	2

Hybrid	Adjusted Yield bu/ac ¹	Harvest Moisture	Final Plant Population ²	Lodging Score ³	Test Wt lb/bu
AgriGold 6659VT2RIB	224.0	13.9%	37,000	1	59.3
AgriGold 6711VT2PRO	223.9	13.6%	32,000	1	59.5
Armor 1500 PRO	226.5	13.5%	34,000	1	59.4
Armor 1717 PRO	209.4	13.8%	36,000	4	60.6
DeKalb 67-14GENVT2P	148.9	13.2%	37,000	8	56.9
DeKalb 67-72GENVT2P	186.2	13.7%	37,000	1	56.8
Dyna-Gro D57VP51	233.5	13.5%	38,000	1	59.2
Dyna-Gro D58VC37	225.1	13.5%	38,000	1	57.3
Terral REV 23BHR55	178.7	13.4%	32,000	3	55.6
Terral REV 25BHR26	205.3	13.4%	36,000	1	59.3
County Average	206.2	13.6%	35,500	2	58.4
Note:	High levels of stalk lodging likely reduced yields of some hybrids.				

¹ Yield is adjusted to 15.5% moisture.

² Final Plant Population is given as plants per acre.

³ Lodging Score – 1 is no lodging, 10 is completely lodged.

Mississippi County

Grower: Ron Holthouse

County Agent: Jason Osborn

Location of Field: Athelstan

GPS: N 35° 41.756 W 90° 13.472

Soil Type: Dundee Silt Loam

Previous Crop: Cotton

Row Width: 38 inches

Planting Population: 33,500

Planting Date: March 25, 2016

Harvest Date: August 30, 2016



Irrigation Type and Frequency: Furrow irrigated 9 times

Fertility (lb/ac)	N	P	K	S	Zn
--- Preplant	132	0	0	18	0
--- Sidedress	147	0	0	0	0
--- Pretassel	46	0	0	0	0
Total Fertility	325	0	0	18	0

Hybrid	Adjusted Yield bu/ac ¹	Harvest Moisture	Final Plant Population ²	Lodging Score ³	Test Wt lb/bu
AgriGold 6659VT2RIB	226.8	14.9%	33,000	1	63.0
AgriGold 6711VT2PRO	229.0	15.4%	34,500	1	61.0
Armor 1500 PRO	219.0	16.4%	28,500	1	60.0
Armor 1717 PRO	225.5	16.2%	33,000	1	63.0
DeKalb 67-14GENVT2P	216.3	15.3%	33,000	1	64.0
DeKalb 67-72GENVT2P	222.1	16.0%	33,500	1	60.0
Dyna-Gro D57VP51	222.0	16.0%	32,500	1	59.0
Dyna-Gro D58VC37	232.8	15.4%	34,000	1	63.0
Terral REV 23BHR55	227.7	15.2%	31,500	1	61.0
Terral REV 25BHR26	218.0	15.9%	33,500	1	63.0
County Average	223.9	15.7%	32,500	1	61.7

¹ Yield is adjusted to 15.5% moisture.

² Final Plant Population is given as plants per acre.

³ Lodging Score – 1 is no lodging, 10 is completely lodged.

Poinsett County

Grower: James Wray

Location of Field: Bay Village

Soil Type: Falaya Silt Loam

Row Width: 38 inches

Planting Date: March 25, 2016

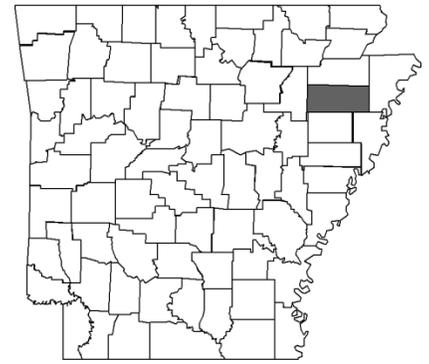
County Agent: Craig Allen &
Justin Chlapecka

GPS: N 35° 28.375 W 90° 39.545

Previous Crop: Soybeans

Planting Population: 38,000

Harvest Date: September 2, 2016



Irrigation Type and Frequency: Furrow irrigated 6 times

Fertility (lb/ac)	N	P	K	S	Zn
--- Preplant	101	0	0	12	0
--- Sidedress	139	0	10	15	0
--- Pretassel	69	0	0	0	0
Total Fertility	309	0	10	27	0

Hybrid	Adjusted Yield bu/ac ¹	Harvest Moisture	Final Plant Population ²	Lodging Score ³	Test Wt lb/bu
AgriGold 6659VT2RIB	261.0	17.7%	37,000	1	60.1
AgriGold 6711VT2PRO	271.1	17.7%	34,500	1	61.0
Armor 1500 PRO	230.8	17.1%	34,500	1	59.9
Armor 1717 PRO	261.7	17.6%	37,500	1	59.5
DeKalb 67-14GENVT2P	250.7	17.1%	36,500	1	61.9
DeKalb 67-72GENVT2P	265.4	17.0%	38,500	1	57.3
Dyna-Gro D57VP51	262.3	17.2%	35,500	1	60.8
Dyna-Gro D58VC37	268.7	18.6%	36,500	1	57.8
Terral REV 23BHR55	228.7	17.6%	38,500	1	60.3
Terral REV 25BHR26	232.4	17.6%	36,500	1	61.0
County Average	253.3	17.5%	36,500	1	60.0

¹ Yield is adjusted to 15.5% moisture.

² Final Plant Population is given as plants per acre.

³ Lodging Score – 1 is no lodging, 10 is completely lodged.

Southeast District Summary

The Southeast District had five trials. The following table is a yield summary of the hybrids across this district.

Hybrid	----- bushels per acre -----					Hybrid Average
	Ashley	Chicot	Desha	Lincoln	Phillips	
AgriGold 6659VT2RIB	205.8	200.4	229.8	232.1	168.6	207.3
AgriGold 6711VT2PRO	206.2	196.2	231.9	238.2	169.1	208.3
Armor 1500 PRO	184.5	179.6	208.3	205.6	172.6	190.1
Armor 1717 PRO	202.8	185.3	181.6	215.6	166.9	190.5
DeKalb 67-14GENVT2P	133.1	168.9	195.4	221.8	174.3	178.7
DeKalb 67-72GENVT2P	184.3	185.8	213.6	234.8	---	204.6
Delta Grow 2888	147.2	163.2	194.4	199.5	143.2	169.5
Delta Grow 3660	183.8	176.1	200.0	206.7	144.6	182.2
Dyna-Gro D57VP51	168.2	187.4	231.8	236.7	144.6	193.7
Dyna-Gro D58VC37	204.6	181.4	244.6	236.8	170.8	207.6
Terral REV 23BHR55	151.4	190.8	196.9	205.5	143.7	177.7
Terral REV 25BHR26	198.1	178.5	201.8	219.8	---	199.6
County Average	180.8	182.8	210.8	221.1	159.8	



1 – Ashley County

2 – Chicot County

3 – Desha County

4 – Lincoln County

5 – Phillips County

Ashley County

Grower: Keith Ladd

County Agent: Kevin Norton

Location of Field: Mist

GPS: N 33° 16.832 W 91° 41.203

Soil Type: Calhoun Silt Loam

Previous Crop: Soybeans

Row Width: 38 inches

Planting Population: 37,000

Planting Date: March 29, 2016

Harvest Date: August 29, 2016



Irrigation Type and Frequency: Furrow irrigated 6 times

Fertility (lb/ac)	N	P	K	S	Zn
--- Preplant	90	60	90	15	5
--- Sidedress	90	0	0	0	0
--- Pretassel	45	0	0	0	0
Total Fertility	225	60	90	15	5

Hybrid	Adjusted Yield bu/ac ¹	Harvest Moisture	Final Plant Population ²	Lodging Score ³	Test Wt lb/bu
AgriGold 6659VT2RIB	205.8	16.7%	33,500	2	57.2
AgriGold 6711VT2PRO	206.2	16.6%	34,500	2	58.5
Armor 1500 PRO	184.5	14.8%	32,000	2	58.6
Armor 1717 PRO	202.8	16.5%	33,500	2	58.9
DeKalb 67-14GENVT2P	133.1	16.1%	35,500	4	56.9
DeKalb 67-72GENVT2P	184.3	15.7%	32,500	3	57.4
Delta Grow 2888	147.2	17.2%	32,500	4	56.4
Delta Grow 3660	183.8	17.1%	33,500	2	58.7
Dyna-Gro D57VP51	168.2	15.2%	33,000	3	57.1
Dyna-Gro D58VC37	204.6	16.2%	35,500	2	57.7
Terral REV 23BHR55	151.4	15.6%	34,500	4	55.8
Terral REV 25BHR26	198.1	16.1%	34,000	2	59.6
County Average	180.8	16.2%	33,500	3	57.7
Note:	High levels of stalk lodging likely reduced yields of some hybrids.				

¹ Yield is adjusted to 15.5% moisture.

² Final Plant Population is given as plants per acre.

³ Lodging Score – 1 is no lodging, 10 is completely lodged.

Chicot County

Grower: SMAC Farm

Location of Field: Lake Village

Soil Type: Sharkey Clay

Row Width: 38 inches

Planting Date: March 3, 2016

County Agent: Gus Wilson

GPS: N 33° 12.200 W 91° 14.783

Previous Crop: Soybeans

Planting Population: 33,000

Harvest Date: September 7, 2016



Irrigation Type and Frequency: Furrow irrigated 3 times

Fertility (lb/ac)	N	P	K	S	Zn
--- Preplant	0	30	90	23	1
--- Sidedress	225	0	0	0	0
--- Pretassel	100	0	0	0	0
Total Fertility	325	30	90	23	1

Hybrid	Adjusted Yield bu/ac ¹	Harvest Moisture	Final Plant Population ²	Lodging Score ³	Test Wt lb/bu
AgriGold 6659VT2RIB	200.4	14.6%	29,000	1	56.0
AgriGold 6711VT2PRO	196.2	13.2%	31,000	1	59.0
Armor 1500 PRO	179.6	11.7%	31,000	2	58.0
Armor 1717 PRO	185.3	12.5%	30,000	1	57.0
DeKalb 67-14GENVT2P	168.9	13.9%	31,000	1	57.0
DeKalb 67-72GENVT2P	185.8	13.6%	32,000	2	58.0
Delta Grow 2888	163.2	13.0%	29,000	1	58.0
Delta Grow 3660	176.1	13.2%	30,000	2	59.0
Dyna-Gro D57VP51	187.4	14.0%	29,000	1	59.0
Dyna-Gro D58VC37	181.4	13.4%	28,000	1	58.0
Terral REV 23BHR55	190.8	12.8%	30,000	1	58.0
Terral REV 25BHR26	178.5	14.2%	31,000	1	59.0
County Average	182.8	13.3%	30,000	1	58.0

¹ Yield is adjusted to 15.5% moisture.

² Plant Stand is given as plants per acre.

³ Lodging Score – 1 is no lodging, 10 is completely lodged.

Desha County

Grower: Eddie Palsa

County Agent: Chuck Capps

Location of Field: Cutoff

GPS: N 33° 48.162 W 91° 23.574

Soil Type: McGehee Silt Loam

Previous Crop: Soybeans

Row Width: 38 inches

Planting Population: 36,000

Planting Date: April 9, 2016

Harvest Date: September 13, 2016



Irrigation Type and Frequency: Furrow irrigated 6 times

Fertility (lb/ac)	N	P	K	S	Zn
--- Preplant	75	60	100	0	0
--- Sidedress	124	0	0	0	0
--- Pretassel	46	0	0	0	0
Total Fertility	245	60	100	0	0

Hybrid	Adjusted Yield bu/ac ¹	Harvest Moisture	Final Plant Population ²	Lodging Score ³	Test Wt lb/bu
AgriGold 6659VT2RIB	229.8	12.5%	32,000	1	60.0
AgriGold 6711VT2PRO	231.9	12.8%	33,000	1	62.0
Armor 1500 PRO	208.3	12.8%	32,000	2	61.0
Armor 1717 PRO	181.6	12.2%	32,000	4	60.0
DeKalb 67-14GENVT2P	195.4	13.6%	32,500	3	61.0
DeKalb 67-72GENVT2P	213.6	12.6%	34,000	2	60.0
Delta Grow 2888	194.4	12.8%	31,500	3	61.0
Delta Grow 3660	200.0	12.6%	31,500	4	61.0
Dyna-Gro D57VP51	231.8	12.9%	33,500	1	61.0
Dyna-Gro D58VC37	244.6	11.5%	32,500	1	61.0
Terral REV 23BHR55	196.9	12.5%	34,000	2	60.0
Terral REV 25BHR26	201.8	12.5%	31,500	2	61.0
County Average	210.8	12.6%	32,500	2	60.8
Note:	High levels of stalk lodging likely reduced yields of some hybrids.				

¹ Yield is adjusted to 15.5% moisture.

² Plant Stand is given as plants per acre.

³ Lodging Score – 1 is no lodging, 10 is completely lodged.

Lincoln County

Grower: John Freeman

County Agent: Steven Stone

Location of Field: Avery

GPS: N 33° 54.750 W 91° 42.687

Soil Type: Perry Clay

Previous Crop: Corn

Row Width: 30 inches

Planting Population: 34,000

Planting Date: March 30, 2016

Harvest Date: August 31, 2016



Irrigation Type and Frequency: Furrow irrigated 6 times

Fertility (lb/ac)	N	P	K	S	Zn
--- Preplant	60	50	140	0	10
--- Sidedress	156	0	0	21	0
--- Pretassel	45	0	0	0	0
Total Fertility	261	50	140	21	10

Hybrid	Adjusted Yield bu/ac ¹	Harvest Moisture	Final Plant Population ²	Lodging Score ³	Test Wt lb/bu
AgriGold 6659VT2RIB	232.1	13.2%	29,500	3	58.6
AgriGold 6711VT2PRO	238.2	14.4%	32,000	4	58.1
Armor 1500 PRO	205.6	15.0%	31,500	3	58.2
Armor 1717 PRO	215.6	13.6%	30,000	6	59.1
DeKalb 67-14GENVT2P	221.8	13.9%	34,000	3	58.8
DeKalb 67-72GENVT2P	234.8	14.6%	32,500	2	56.5
Delta Grow 2888	199.5	14.1%	33,000	4	59.1
Delta Grow 3660	206.7	15.5%	32,500	3	57.1
Dyna-Gro D57VP51	236.7	13.4%	28,000	2	58.4
Dyna-Gro D58VC37	236.8	14.2%	32,500	2	58.6
Terral REV 23BHR55	205.5	12.9%	30,500	3	54.5
Terral REV 25BHR26	219.8	13.1%	29,500	4	59.7
County Average	221.1	14.0%	31,500	3	58.1

¹ Yield is adjusted to 15.5% moisture.

² Plant Stand is given as plants per acre.

³ Lodging Score – 1 is no lodging, 10 is completely lodged.

Phillips County

Grower: David Gregory

Location of Field: Barton

Soil Type: Memphis Silt Loam

Row Width: 38 inches

Planting Date: April 7, 2016

County Agent: Robert Goodson & Shawn Payne

GPS: N 34° 32.228 W 90° 43.624

Previous Crop: Soybeans

Planting Population: 35,000

Harvest Date: September 1, 2016



Irrigation Type and Frequency: Furrow irrigated 6 times

Fertility (lb/ac)	N	P	K	S	Zn
--- Preplant	0	30	60	0	0
--- Sidedress	140	0	0	0	0
--- Pretassel	100	0	0	0	0
Total Fertility	240	30	60	0	0

Hybrid	Adjusted Yield bu/ac ¹	Harvest Moisture	Final Plant Population ²	Lodging Score ³	Test Wt lb/bu
AgriGold 6659VT2RIB	168.6	16.3%	34,000	1	58.6
AgriGold 6711VT2PRO	169.1	15.4%	34,500	1	60.4
Armor 1500 PRO	172.6	16.4%	31,500	1	58.8
Armor 1717 PRO	166.9	16.3%	34,000	1	60.8
DeKalb 67-14GENVT2P	174.3	16.3%	35,000	1	59.2
DeKalb 67-72GENVT2P*	---	15.5%	34,000	1	58.9
Delta Grow 2888	143.2	16.8%	33,500	1	59.2
Delta Grow 3660	144.6	17.6%	34,000	1	58.5
Dyna-Gro D57VP51	144.6	15.6%	34,500	1	58.9
Dyna-Gro D58VC37	170.8	16.1%	35,000	1	60.2
Terral REV 23BHR55	143.7	15.0%	36,500	1	58.4
Terral REV 25BHR26*	---	14.7%	33,000	1	60.8
County Average	159.8	16.0%	34,000	1	59.4
Note:	*Yields not reported due to irrigation problems.				

¹ Yield is adjusted to 15.5% moisture.

² Final Plant Population is given as plants per acre.

³ Lodging Score – 1 is no lodging, 10 is completely lodged.

Appendix A. Corn Hybrid Relative Maturity and Traits

Hybrid	Relative Maturity	Trait
AgriGold 6659VT2RIB	116	Genuity VT Double Pro
AgriGold 6711VT2PRO	118	Genuity VT Double Pro
Armor 1500 PRO	115	Genuity VT Double Pro
Armor 1717 PRO	117	Genuity VT Double Pro
DeKalb 67-14GENVT2P	117	Genuity VT Double Pro
DeKalb 67-72GENVT2P	117	Genuity VT Double Pro
Delta Grow 2888	115	Roundup Ready, Liberty Link, YieldGard Corn Borer, Viptera
Delta Grow 2688	118	Roundup Ready, Liberty Link, YieldGard Corn Borer
Delta Grow 3660	118	Roundup Ready, Liberty Link, YieldGard Corn Borer, Viptera
Dyna-Gro D57VP51	117	Genuity VT Triple Pro
Dyna-Gro D58VC37	118	Genuity VT Double Pro
Terral REV 23BHR55	113	Herculex, Roundup Ready Corn 2, Liberty Link, YieldGard Corn Borer
Terral REV 25BHR26	115	Herculex, Roundup Ready Corn 2, Liberty Link, YieldGard Corn Borer

2016 Arkansas Corn Standardized Hybrid Trial Participants

Armor

Armor Seed
P.O. Box 178
Fisher, AR 72429

DeKalb

Monsanto Company
800 N. Lindbergh Blvd.
St. Louis, MO 63167

Dyna-Gro

Crop Production Services
1673 N. US Hwy 61
Portageville, MO 63873

AgriGold Hybrids

AgriGold Hybrids
5381 Akin Rd
St Francisville, IL 62460

Delta Grow

Delta Grow Seed
P.O. Box 219
England, AR 72046

Terral

Terral Seed Inc.
P.O. Box 826
Lake Providence, LA 71254



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