



**DIVISION OF AGRICULTURE
RESEARCH & EXTENSION**

University of Arkansas System

Faulkner County Agriculture News

River Valley Row Crop Production Meeting

The 2019 River Valley Row Crop Production Meeting will be held **Thursday January 17 at the Conway County Fairgrounds in Morrilton** (Multi-purpose Building, 308 Will Street Morrilton, AR 72110). The meeting will start with rice production updates at 8:00 am with corn and soybean production on the program later in the morning. See the agenda below for specific times and topics.

AM

8:00 – 8:15	Registration/Coffee and Donuts	
8:15 – 8:30	Provisia Rice Demonstration & DD50 Update	Lawson/Van Pelt
8:30 – 9:00	Rice Production Update	Jarrold Hardke
9:00 – 9:30	Commodities and Economics	Scott Stiles
9:30 – 9:45	River Valley Corn Hybrid Trial Results	Bob Harper
9:45 – 10:00	Corn Production Update	Jason Kelley
10:00 – 10:15	Break	
10:15 – 10:45	Irrigation Update	Mike Hamilton
10:45 – 11:15	Soybean and Rice Insect Update	Gus Lorenz
11:15 – 11:45	Soybean Weed Control Update	Tom Barber
11:45 – 12:15	Soybean Update	Jeremy Ross

LUNCH

MP Publications

The new MP publications for pest control are in the office and available for free to anyone that would like one. I will distribute a few around to agriculture businesses in the county. If you need one either stop by the office or let me know and I will get one to you. These publications include:

MP44 - Recommended Chemicals for Weed and Brush Control

MP144 - Insecticide Recommendations for Arkansas

MP154 - Arkansas Plant Disease Control Product Guide

Group IV Liberty Link Variety Demonstrations

In 2018, the River Valley participated in a standardized Group IV Liberty Link Variety Demonstration. Counties were given the same varieties to plant in grower variety trials. Due to the weather, not all of the demonstrations were harvested. Four counties did harvest the plots and the data is represented below. I have also attached a more detailed copy of the Faulkner County variety plot plus the data from our corn hybrid trial.

2018 Liberty Link Variety Demonstration Results					
Yield By County Bushel/A					
Variety	Conway	Faulkner	Logan*	Perry	Mean
Armor 501	47	48	60	42	49
Credenz 4308	57	53	37	70	54
Credenz 4918	--	61	66	57	61
Delta Grow 4587	--	52	48	44	48
Delta Grow 4967	--	59	40	45	48
Delta Grow 4977	--	57	61	43	54
Dynagro 44LS76	42	57	37	64	50
Dynagro 45LL97	58	56	56	49	55
Dynagro 49LL34	42	57	53	44	49
Go-Soy GS 4912 LL	55	57	48	50	53
Go-Soy GS 5115 LL	42	50	59	45	49
Progeny 4247 LL	50	58	36	52	49
Progeny 4930 LL	55	58	59	47	55
Terral 47L38	58	58	44	55	54
Terral 49L88	50	47	52	39	47
Mean	51	55	50	50	52

*Denotes Dryland fields seeded in 2018

Sincerely,



Kevin Lawson
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Faulkner County
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COUNTY VARIETY TRIAL

(Faulkner County)

Crop:	Soybeans	Producer:	Jill Edwards
Location:	Lollie Bottoms	GPS:	N 34.962 W -92.546
Soil Type:	Moreland Silty Clay	Row Width:	30 inches
Previous Crop:	Corn	Planting Rate:	140,000
Planting Date:	May 9, 2018	Harvest Date:	October 23, 2018

Fertilizer (N-P-K-S-Zn)	Irrigation Pivot Irrigated 8 Times
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Variety	Adjusted Yield (Bushels/Acre) ¹	% Moisture at Harvest	Plant Stand ²	Lodging Score ³	Test Weight
Ag Venture 47W3LL	66.7	14.6	113,000	1	53.6
Credenz 4918LL	60.6	13.9	103,000	1	54.2
Delta Grow 4967LL	59.0	14.3	100,000	1	56.4
Ag Venture 49W5LL	58.8	14.5	105,000	1	55.1
Terral REV 47L38	58.1	13.7	105,000	1	54.5
Progeny 4930LL	57.5	14.6	95,000	1	55.8
Go Soy 4912LL	57.4	15.1	110,000	3	57.1
Progeny 4247LL	57.1	13.9	98,000	1	53.8
Dyna Gro 44LS76	57.0	14.0	108,000	1	55.5
Delta Grow 4977 LL/STS	56.9	15.1	109,000	1	57.2
Dyna Gro 49LL34	56.7	14.2	106,000	1	58.0
Dyna Gro 45LL97	56.1	14.7	116,000	1	56.4
Credenz 4308LL	52.7	14.3	107,000	1	53.8
Delta Grow 4587 LL/STS	51.7	14.2	110,000	1	54.1
Go Soy 5115LL	49.8	14.4	112,000	1	57.6
Armor 501L	48.1	14.4	108,000	1	57.4
Terral REV 49L88	46.7	13.8	102,000	1	55.2

¹ Yield adjusted to 13% moisture	² Plant Stand – Plants per acre	³ 1 is no lodging, 10 is completely lodged
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*Note:	
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COUNTY VARIETY TRIAL
(Faulkner County)

Crop:	Corn	Producer:	Chris Schaefers
Location:	Lollie Bottoms	GPS:	N 34.995 W -92.582
Soil Type:	Gallion Silt Loam	Row Width:	30 inches
Previous Crop:	Soybeans	Planting Rate:	34,000 seeds per acre
Planting Date:	April 11, 2018	Harvest Date:	September 14, 2018

Fertilizer (N-P-K-S-Zn)		Irrigation
Pre-plant	1 ½ tons of chicken litter	Furrow Irrigated 5 Times
Pre-plant	50-38-38-35-0	
Sidedress	127-0-0-0-0	
Total Fertilizer	177-38-38-35-0	

Variety	Adjusted Yield (Bushels/Acre) ¹	% Moisture at Harvest	Plant Stand ²	Lodging Score ³	Test Weight
Terral REV 24BHR99	195.9	16.4	32,000	3	60.2
Terral REV 25BHR26	193.2	15.2	34,000	1	62.5
Terral REV 27BHR79	189.2	15.9	34,500	1	59.5
Croplan 5678VT2	186.4	16.2	32,500	1	60.8
Local 1577VT2P	185.6	16.3	32,000	1	58.8
Armor 1447 PRO2	185.2	15.9	31,000	1	58.8
Armor 1667SS	184.3	15.9	35,000	1	62.3
DynaGro 58VC65	182.8	15.7	35,000	1	60.7
Stine 9808	179.7	16.8	32,000	1	59.5
Terral REV 25BHR89	174.3	16.5	34,000	1	59.0
Terral REV E24Y26828	171.1	16.8	35,500	2	57.4
Terral REV 28BHR18	171.0	17.1	33,000	1	59.3
DynaGro 57VC51	169.9	16.0	35,000	1	59.9
Local 1349 VT2P	166.6	15.5	33,000	1	59.9
Terral REV 25BHR89	166.6	17.0	34,000	1	57.8
Croplan 5290DGV2	160.2	16.0	33,000	1	58.8
Great Heart 7778	150.6	16.7	34,000	1	58.7
Great Heart 7381	132.3	15.9	32,000	1	60.8

¹ Yield adjusted to 15.5% moisture	² Plant Stand – Plants per acre	³ 1 is no lodging, 10 is completely lodged
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