ARKANSAS RICE RESEARCH AND PROMOTION BOARD MEETING

Minutes

November 12, 2025
9:00 a.m.

The Arkansas Rice Research and Promotion Board meeting was held at the Arkansas Department of Agriculture, 1 Natural Resources Drive, Little Rock, AR.

Members present: Jay Coker, David Gairhan, Scott Matthews, Carl "Cap" Phillips, Jeff Rutledge, Paul Schwarz, Jim Whitaker

Members present via Zoom: Becton Bell, Charles Williams

Chair Jim Whitaker called the meeting to order and welcomed all members and guests.

The Rice Research and Promotion Board meeting minutes of July 31, 2025, were presented for review and approval.

Moved by Phillips, seconded by Coker to approve meeting minutes as presented.

Motion carried.

Inoussa Zaki, Chief Fiscal Officer, presented the financial report for the period ending October 31, 2025, shown as **Attachment 1**.

The reserve fund balance at the beginning of the fiscal year was $484,000. Between July 1 and the end of October, $1.8 million was collected in total receipts. $918,000, between producers and buyers, respectively. With a treasury reduction of 3 percent, total available revenue at the end of this reporting period totaled $2,266,611. Total expenditures total $729,483, finishing with an accumulated revenue of $1,537,000. Outstanding commitments are the October checkoff to be remitted in November to USA Rice totaling $490,509. As of October 31, 2025, the unallocated balance totals $1,046,619.

Also included in the report is the projection of collections as of October 31, 2025, based on the September 2025 USDA National Agricultural Statistics Service (NASS) forecast.

As of this reporting period, based on the revenues collected, we are at 32.8 percent of the mass gross collection.

As of today, the TRQ is at $10,059,993 available. Of that, $8.9 million is invested in CDs. Since the board began using the McGehee Bank, total generated interest is approximately $514,270.65.

Moved by Schwartz, seconded by Rutledge to approve the financial report as presented.

Motion carried.

Matthews opened discussion regarding the annual field day at the Northeast Rice Research and Extension Center in Harrisburg, AR. He emphasized the importance of increasing farmer participation and suggested the possibility of hosting a farmers-only field day. Extension Center staff engaged with Matthews to explore potential solutions and address his concerns.

Chair Whittaker stated that the board needs to establish a specific funding target amount for research and promotions for the 2026–27 cycle. A general discussion followed among members regarding potential approaches and considerations.

Moved by Coker, seconded by Matthews, to set the funding target amount at $2.4 million.

Motion carried.

Chair Whitaker proceeded to set funding meeting dates for 2026.

- January 29 and 30, 2026, in Little Rock, AR at 9:00 a.m.
- February 4, 2026, at the Northeast Rice Research and Extension Center, Harrisburg, AR, time to be determined.

All proposals are to be submitted no later than January 9, 2026.

Chair Whittaker requested that members share their areas of concern to provide the University of Arkansas with clear guidance on the board's priorities for research and promotion projects.

A question was raised about the status of Keenali. It was reported that a request for a Section 18 exemption has been submitted. Chair Whittaker noted that he had previously submitted a letter supporting approval of the Section 18 exemption. A question was raised regarding whether the board could also issue a letter of support. Chair Whittaker stated that it would be acceptable and that he will review the letter he submitted to determine whether it was sent in his personal capacity or in his role as chair of the board.

Moved by Gairhan, seconded by Phillips to send a letter of support for a Section 18 for the herbicide Keenali.

Motion carried.

Meeting dates for the rest of 2026 will be set at a later meeting.

The board discussed potential topics for future research and promotion projects. Suggestions included milling yield studies, drone technology applications, impregnation of herbicides on dry fertilizers, insect and disease management, alternative uses for rice straw, post-harvest research, and the possibility of linking quality insurance policies to individual plots, among other ideas.

Chair Whittaker noted that last year the board advanced up to $2 million to the University of Arkansas, with funds placed in an interest-bearing account. Dr. Nathan Slaton reported that the account has generated approximately $64,000 in interest. These earnings may be used by the University to purchase farm equipment and other needs, subject to board requests and approval.

Moved by Phillips, seconded by Schwarz to move up to $2 million, starting with unallocated funds to the University of Arkansas.

Motion carried.

Jarrod Hardke, Rice Extension Agronomist, University of Arkansas, Division of Agriculture, Rice Research and Extension, delivered a presentation reviewing the 2025 rice season. **Attachment 2.**

Dr. Nick Bateman, Rice Research and Extension Center – Stuttgart, delivered an update on Rice Delphacid. **Attachment 3**

Ronnie Helms, Ph.D., Research Agronomist, G & H Associates, delivered a rice milling quality study for 2025. **Attachment 4.**

Chair Whittaker addressed the United States Department of Agriculture (USDA) National Institute of Food and Agriculture (NIFA) co-funded agreement with the board. He noted that, due to the ongoing government shutdown affecting USDA operations, no projects will be reviewed until the shutdown concludes. As a result, the board was advised to reapply next year. Previously, the board voted to commit TRQ dollars in the amount of $150,000 to invest in the program.

Governor Sarah Huckabee Sanders and others have put together a pilot project to get Arkansas grown rice into Arkansas public schools. A video presentation was shared featuring Leslie Tell, Farm to School Coordinator with the Arkansas Department of Agriculture. In the video, she discussed the Arkansas Rice in Schools Program, highlighting its goals and initiatives to promote local rice in school meal programs. Tell stated, with the support of the Governor, the pilot program was launched in partnership with Arkansas Rice and USA Rice. The goal is to increase the use of Arkansas rice in public schools while helping students learn about agriculture, nutrition, and where their food comes from.

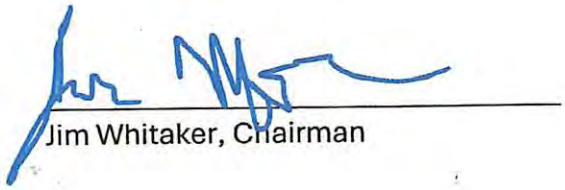
Feedback will be gathered from students on recipe ratings and participation data to identify the most popular recipes and prepare for statewide expansion. This program is about connecting students to Arkansas agriculture and supporting our local farmers.

Secretary Wes Ward of the Arkansas Department of Agriculture reported that the Governor has acknowledged both the current economic challenges and the issues surrounding carryover rice, based on feedback from the board and farmers across the state. In response, the Governor initiated the transfer of the nutrition program from the Department of Education to the Department of Agriculture. This transition is intended to leverage USDA programs more effectively and increase the use of Arkansas-grown products. At present, twenty-five schools have been identified to participate in the program. The board would like to use TRQ dollars to help fund this program to purchase commercial rice cookers to be used in the schools.

Moved by Matthews, seconded by Coker to approve funding in the amount of $15,000.

Motion carried.

Meeting adjourned.



Jim Whitaker, Chairman

Attachment 1

ARKANSAS RICE RESEARCH AND PROMOTION BOARD
INCOME, EXPENSES, AND ACCUMULATED REVENUE
JULY 1, 2025 THROUGH OCTOBER 31, 2025

REVENUE:		
Beginning Fund Balance	$	484,896
Gross Collections	$	1,836,571
Producer	$	918,285
Buyer	$	918,285
Audit penalties and interest	$	-
Other Revenue	$	240
DEDUCTIONS:		
Less Revenue and Treas. (3%)	$	55,097
TOTAL AVAILABLE REVENUE	$	2,266,611
EXPENDITURES:		
Board Expenses:		
Board Member Travel Lodging	$	-
Board Member Travel Mileage	$	368
Board Meeting Food Purchase	$	-
Postage	$	986
Website	$	-
Total Board Expenses	$	1,354
Program Expenses:		
USA Rice Council	$	563,129
University of Arkansas	$	10,000
Producer Information	$	-
G&H Associates, Rice Foundation	$	155,000
Coop. Ext. Service	$	-
Total Program	$	728,129
TOTAL EXPENDITURES	$	729,483
ACCUMULATED REVENUE:	$	1,537,128
Contingency Reserve	$	-
Payable to Rice Foundation	$	-
Payable to USA Rice Council	$	490,509
Payable to UofA	$	-
Unallocated Balance	$	1,046,619

Arkansas Rice Research and Promotion Board
Projection of Collections
As of October 31, 2025

	PROJECTED			
	@ 100% of Max. Gross Collections	@ 95% of Max. Gross Collections	@ 90% of Max. Gross Collections	Current Year Actual
Production, measured in bushels	207,110,000	196,754,500	186,399,000	68,021,146
Rate	$0.027	$0.027	$0.027	$0.027
Max. Gross Collections (MGC)	$5,591,970	$5,312,372	$5,032,773	$1,836,571
ACTUAL COLLECTIONS:				
Producer Collections	$2,795,985	$2,656,186	$2,516,387	$918,285
Buyer Collections	$2,795,985	$2,656,186	$2,516,387	$918,285
Audit Settlements (Penalties and Interest)	$0	$0	$0	$0
TOTAL COLLECTIONS	$5,591,970	$5,312,372	$5,032,773	$1,836,571
Percent of MGC Realized				32.84% †
Less:				
Revenue and Treasury (3%)	$167,759	$159,371	$150,983	$55,097
Board Expenses	$5,000	$5,000	$5,000	$1,354
Total	$172,759	$164,371	$155,983	$56,451
NET COLLECTIONS	$5,424,211	$5,153,000	$4,881,790	$1,781,474
Beginning Balance	$484,896	$484,896	$484,896	$484,896
Due USA Rice from Previous Year	$163,110	$163,110	$163,110	$163,110
Unallocated Beginning Balance (Research)	$321,787	$321,787	$321,787	$321,787
PROMOTION/MARKET DEVELOPMENT:				
AVAILABLE FUNDS	$2,872,715	$2,737,110	$2,601,505	$1,053,169
USA Rice Council	$2,872,715	$2,737,110	$2,601,505	($1,053,638)
U of A Rice Discovery Program				($5,000)
U of A Arkansas AG Leaders Tour				($5,000)
Unallocated Promotion Balance:	**$2,872,715**	**$2,737,110**	**$2,601,505**	**($10,468)**
RESEARCH:				
AVAILABLE FUNDS	$3,031,392	$2,895,787	$2,760,182	$1,211,847
25-26 Research-Rice Milling Quality Studies	$0	$0	$0	($120,000)
25-26 Research-Rice Foundation	$0	$0	$0	($35,000)
26-27 Research Funding Advance	$0	$0	$0	$0
26-27 Board Approved Projects	$0	$0	$0	$0
Contingency Reserve	$0	$0	$0	$0
Other Revenue	$0	$0	$0	$240
Unallocated Research Balance:	$3,031,392	$2,895,787	$2,760,182	$1,057,087
Total 26-27 Unallocated Research/Promotion	**$5,904,107**	**$5,632,897**	**$5,361,686**	**$1,046,619**

† Percent of the $5,591,970 (MGC) realized to date.

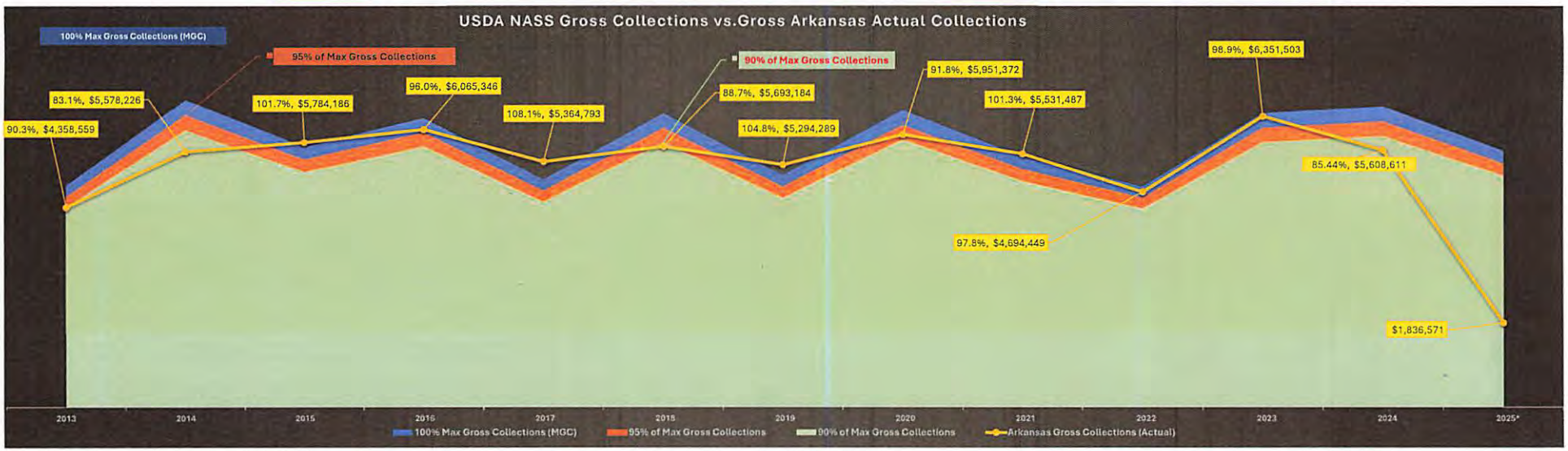
* 2025 Production est. based on September 2025 USDA/NASS Forecast. of 1,251,000 acres harvested @ 7,450 lbs/acre

† Percent of the $5,591,970 (MGC) realized to date.

USDA NASS Gross Collections vs Arkansas Actual Gross Collections

USDA NASS Arkansas acreage, yield, production, and price; check-off rate per bushel; USDA NASS estimated gross collections by fiscal year; and Arkansas actual gross collections by fiscal year for production years 2013 to 2025

Production Year	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025*
Fiscal Year, July 1 - June 30	FY-2014	FY-2015	FY-2016	FY-2017	FY-2018	FY-2019	FY-2020	FY-2021	FY-2022	FY-2023	FY-2024	FY-2025	FY-2026
Planted Acres	1,076,000	1,486,000	1,311,000	1,546,000	1,161,000	1,441,000	1,161,000	1,461,000	1,211,000	1,106,000	1,436,000	1,448,000	1,284,000
Harvested Acres	1,064,000	1,480,000	1,291,000	1,521,000	1,104,000	1,422,000	1,126,000	1,441,000	1,193,000	1,080,000	1,417,000	1,432,000	1,251,000
Yield, measured in pounds / acre	7,560	7,560	7,340	6,920	7,490	7,520	7,480	7,500	7,630	7,410	7,550	7,640	7,450
Yield, measured in bushels / acre	168	168	163	154	166	167	166	167	170	165	168	170	166
Production, measured in pounds	8,043,840,000	11,188,800,000	9,475,940,000	10,525,320,000	8,268,960,000	10,693,440,000	8,422,480,000	10,807,500,000	9,102,590,000	8,002,800,000	10,698,350,000	10,940,480,000	9,319,950,000
Production, measured in bushels	178,752,000	248,640,000	210,576,444	233,896,000	183,754,667	237,632,000	187,166,222	240,166,667	202,279,778	177,840,000	237,741,111	243,121,778	207,110,000
Price received, measured in $ / cwt	$ 15.20	$ 12.00	$ 10.90	$ 9.39	$ 11.10	$ 10.70	$ 11.90	$ 12.50	$ 13.50	$ 16.50	$ 15.70	$ 13.50	$ -
Price received, measured in $ / bushels	$ 6.84	$ 5.40	$ 4.91	$ 4.23	$ 5.00	$ 4.82	$ 5.36	$ 5.63	$ 6.08	$ 7.43	$ 7.07	$ 6.08	$ -
Rate	$0.0270	$0.0270	$0.0270	$0.0270	$0.0270	$0.0270	$0.0270	$0.0270	$0.0270	$0.0270	$0.0270	$0.0270	$0.0270
Rate - Arkansas rice farmers and handlers each pay $0.0135 per bushel sold for the Arkansas Rice Checkoff program.													
100% Max Gross Collections (MGC)	$ 4,826,304	$ 6,713,280	$ 5,685,564	$ 6,315,192	$ 4,961,376	$ 6,416,064	$ 5,053,488	$ 6,484,500	$ 5,461,554	$ 4,801,680	$ 6,419,010	$ 6,564,288	$ 5,591,970
95% of Max Gross Collections	$ 4,584,989	$ 6,377,616	$ 5,401,286	$ 5,999,432	$ 4,713,307	$ 6,095,261	$ 4,800,814	$ 6,160,275	$ 5,188,476	$ 4,561,596	$ 6,098,060	$ 6,236,074	$ 5,312,372
90% of Max Gross Collections	$ 4,343,674	$ 6,041,952	$ 5,117,008	$ 5,683,673	$ 4,465,238	$ 5,774,458	$ 4,548,139	$ 5,836,050	$ 4,915,399	$ 4,321,512	$ 5,777,109	$ 5,907,859	$ 5,032,773
Arkansas Gross Collections (Actual)	$ 4,358,559	$ 5,578,226	$ 5,784,186	$ 6,065,346	$ 5,364,793	$ 5,693,184	$ 5,294,289	$ 5,951,372	$ 5,531,487	$ 4,694,449	$ 6,351,503	$ 5,608,611	$ 1,836,571
Arkansas Gross Collections (Actual) % of MGC	90.3%	83.1%	101.7%	96.0%	108.1%	88.7%	104.8%	91.8%	101.3%	97.8%	98.9%	85.44%	32.84%



Attachment 2

Reviewing the 2025 Rice Season

Jarrod Hardke
Rice Extension Agronomist

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ARKANSAS RICE CHECK-OFF

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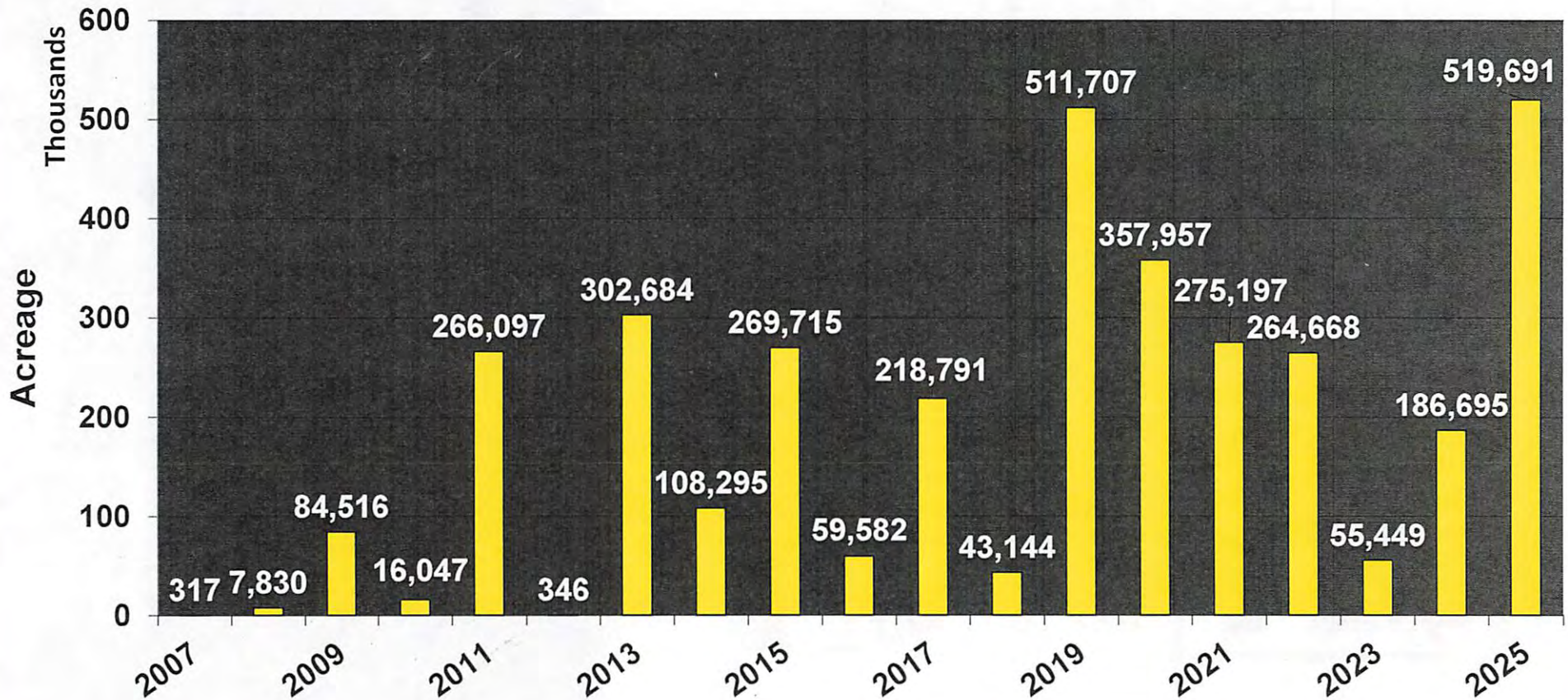
Prevented Planting, Rice

ARKANSAS RICE CHECK-OFF



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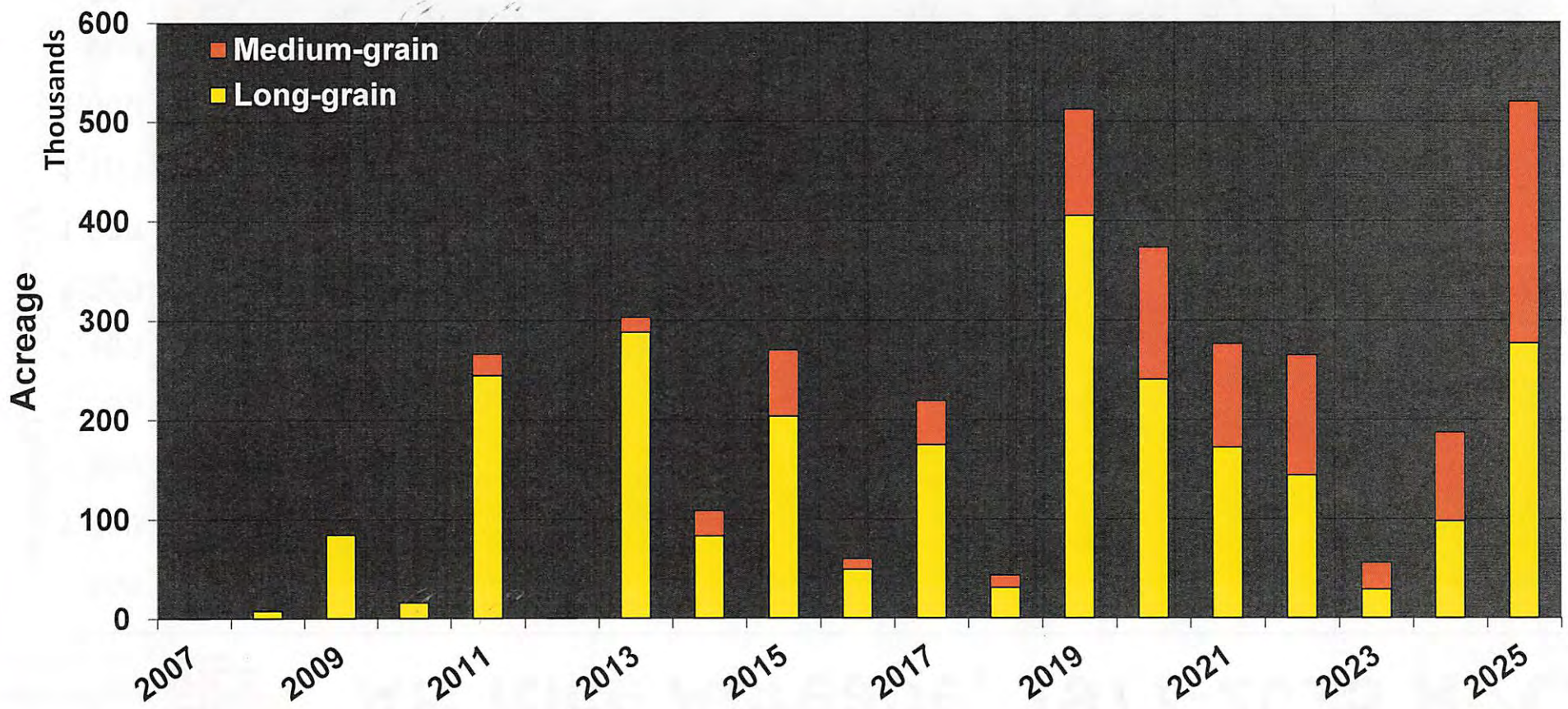
AR RICE

Prevented Planting, Rice LG + MG

ARKANSAS RICE CHECK-OFF



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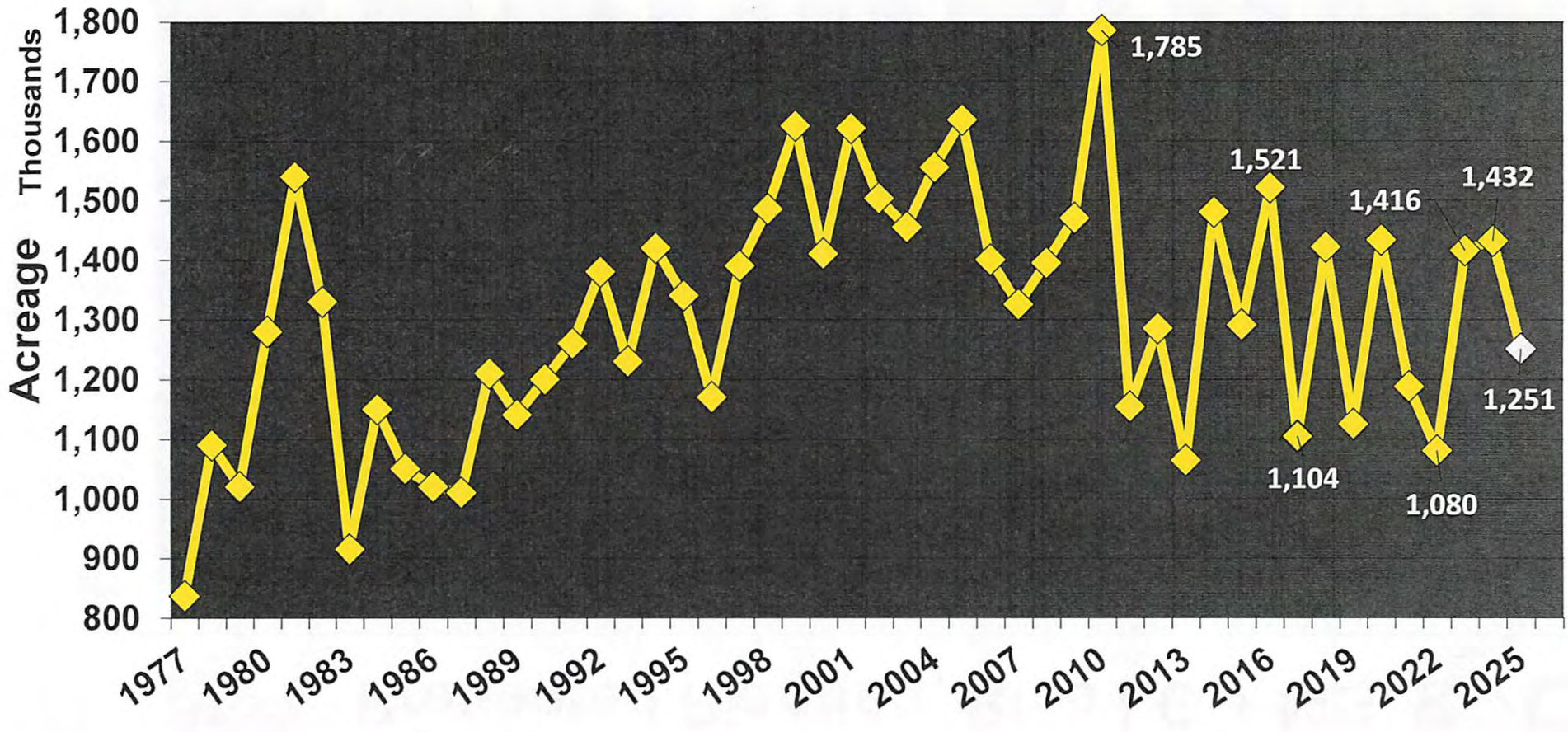
AR Rice Acreage, 1977-2025

ARKANSAS RICE CHECK-OFF



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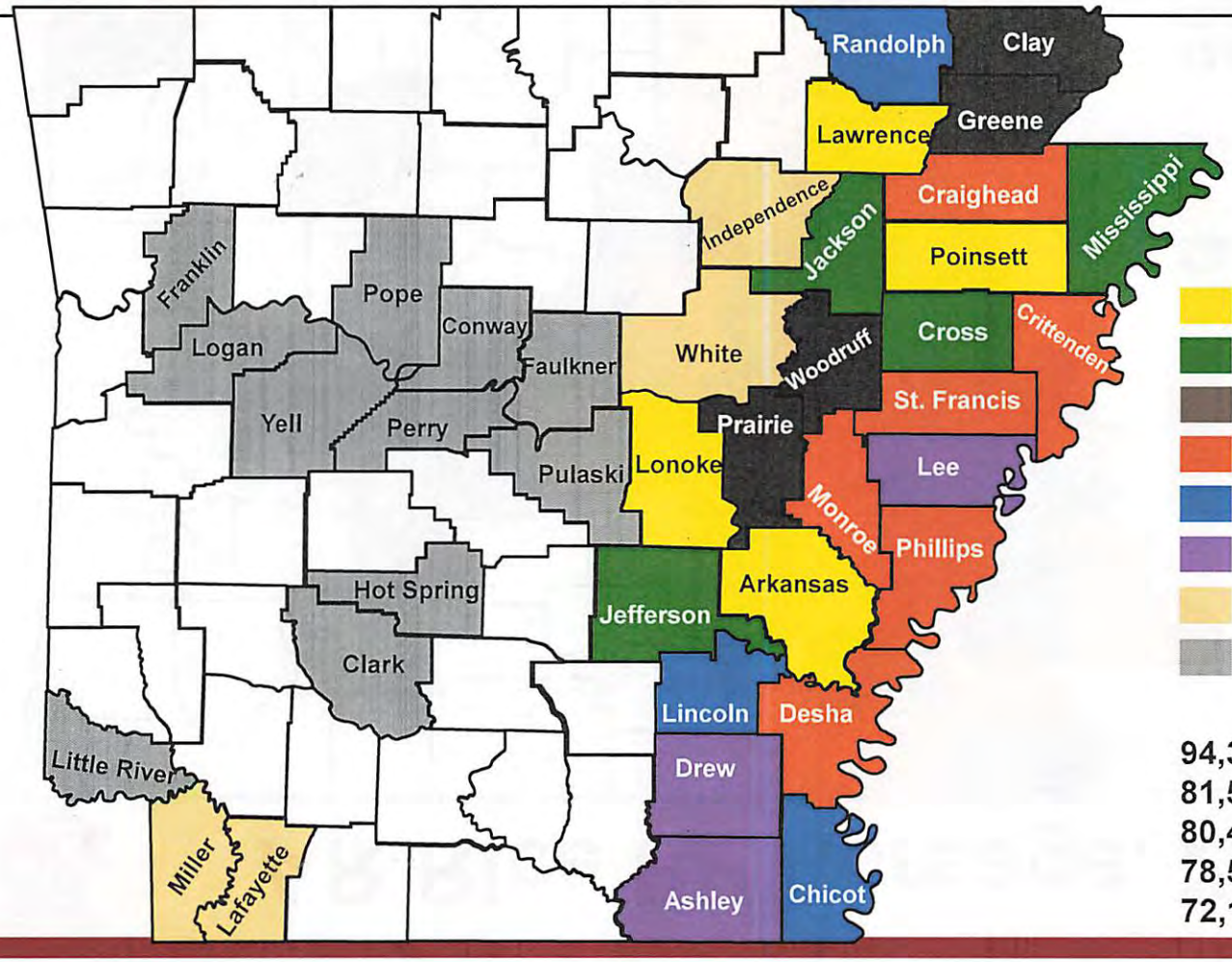
AR Rice Acreage, 2025

ARKANSAS RICE CHECK-OFF



Planted Acreage

- > 80,000 acres
- 65,000 to 80,000 acres
- 50,000 to 65,000 acres
- 30,000 to 50,000 acres
- 20,000 to 30,000 acres
- 10,000 to 20,000 acres
- 5,000 to 10,000 acres
- < 5,000 acres

94,309 ac – Poinsett
81,534 ac – Lawrence
80,445 ac – Arkansas
78,509 ac – Lonoke
72,183 ac – Jefferson

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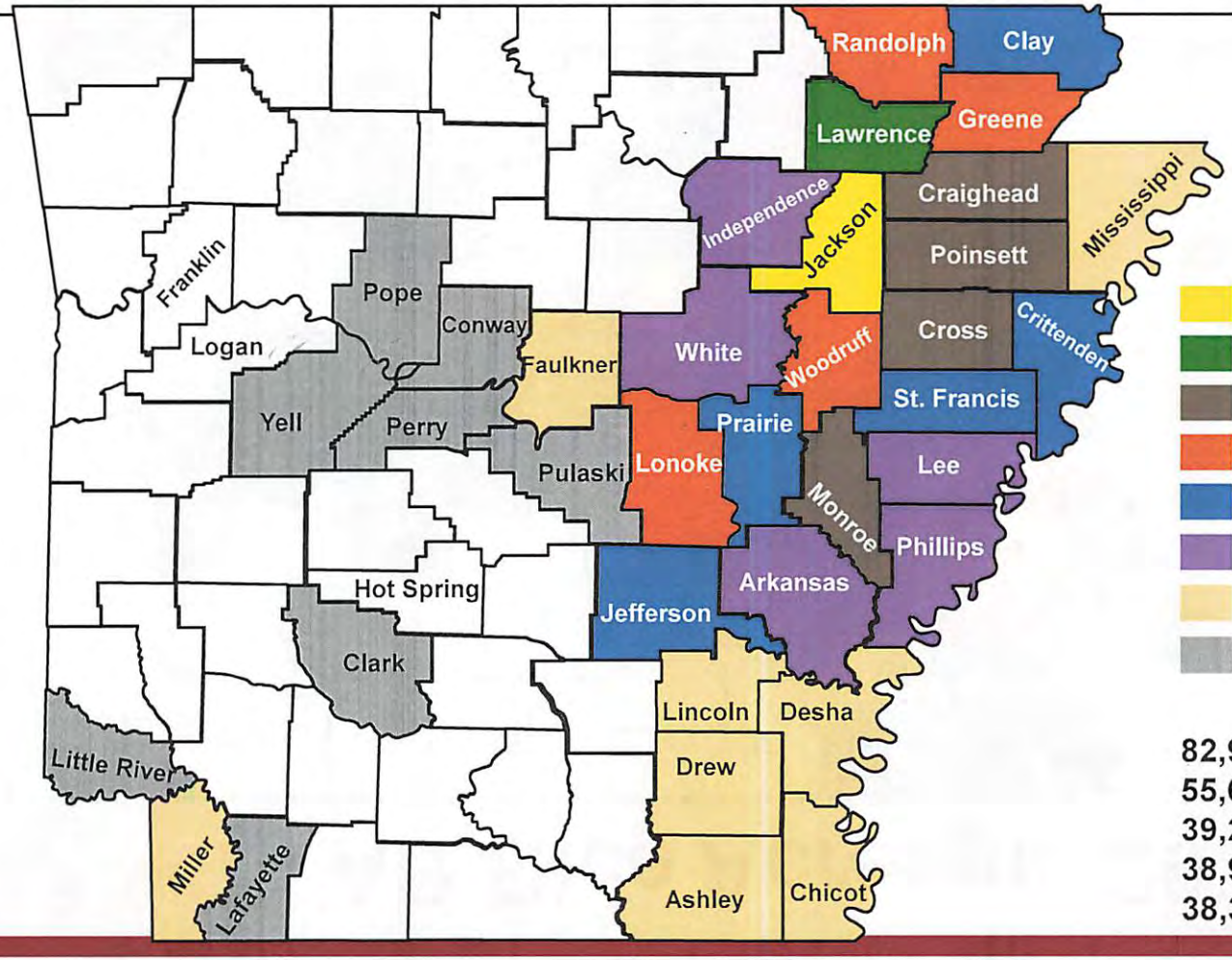
AR Rice PP Acreage, 2025

ARKANSAS RICE CHECK-OFF



Prevented Planting

- 82,000 acres
- 55,000 acres
- 30,000 to 40,000 acres
- 20,000 to 30,000 acres
- 10,000 to 20,000 acres
- 5,000 to 10,000 acres
- 1,000 to 5,000 acres
- < 1,000 acres

82,925 ac – Jackson
55,675 ac – Lawrence
39,273 ac – Cross
38,900 ac – Poinsett
38,344 ac – Craighead

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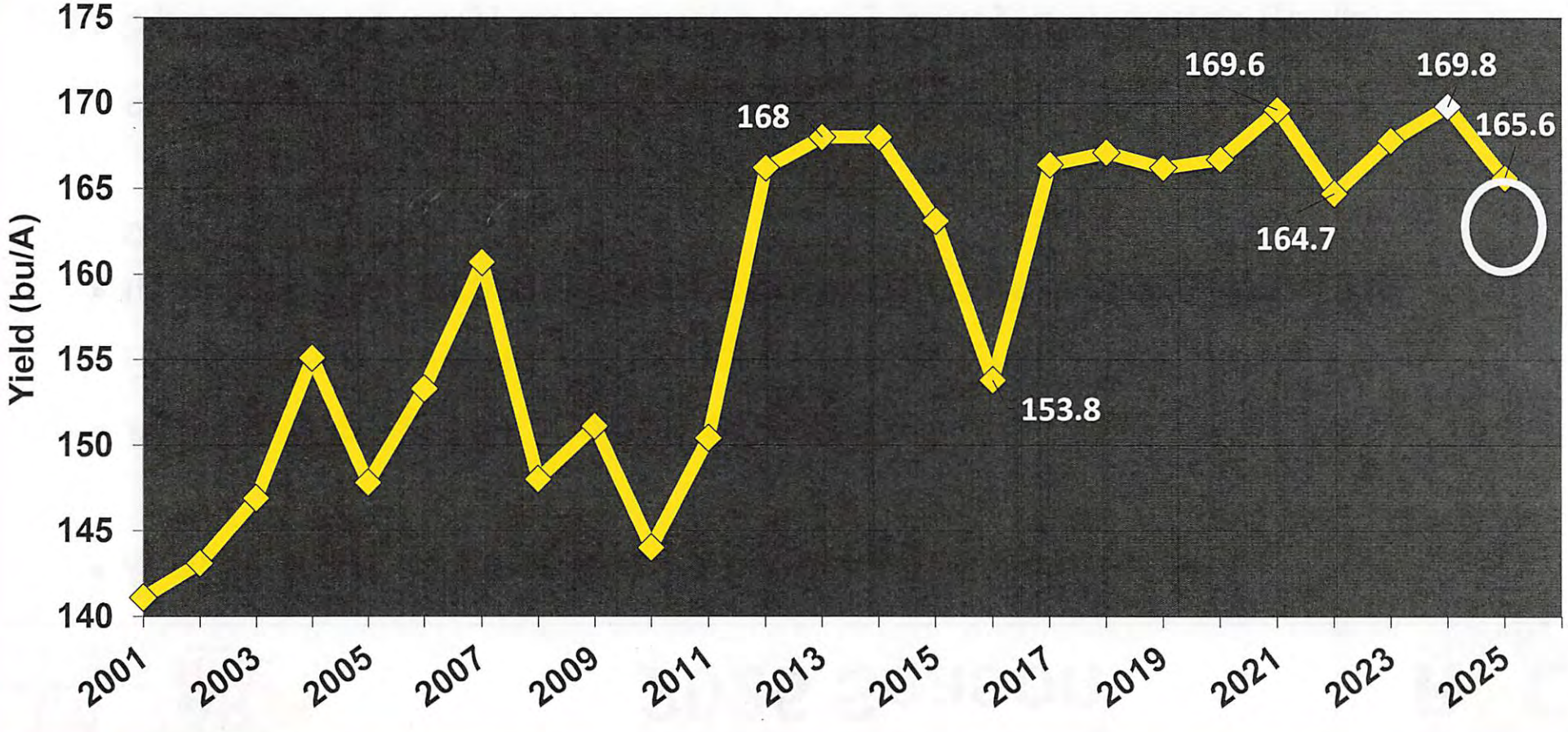
AR RICE

AR Avg. Rice Yield, 2001-2025

ARKANSAS RICE CHECK-OFF



2025 Season

- A nice start in March with favorable conditions

- April 2-5 = 12-15+ inches of rain
- Flooding prevents planting in areas until May
- In areas that drained well still 7-10 days before planting could resume

- Surge of planting last 2 weeks of April
- Sporadic in May, then end of May early June last gasp

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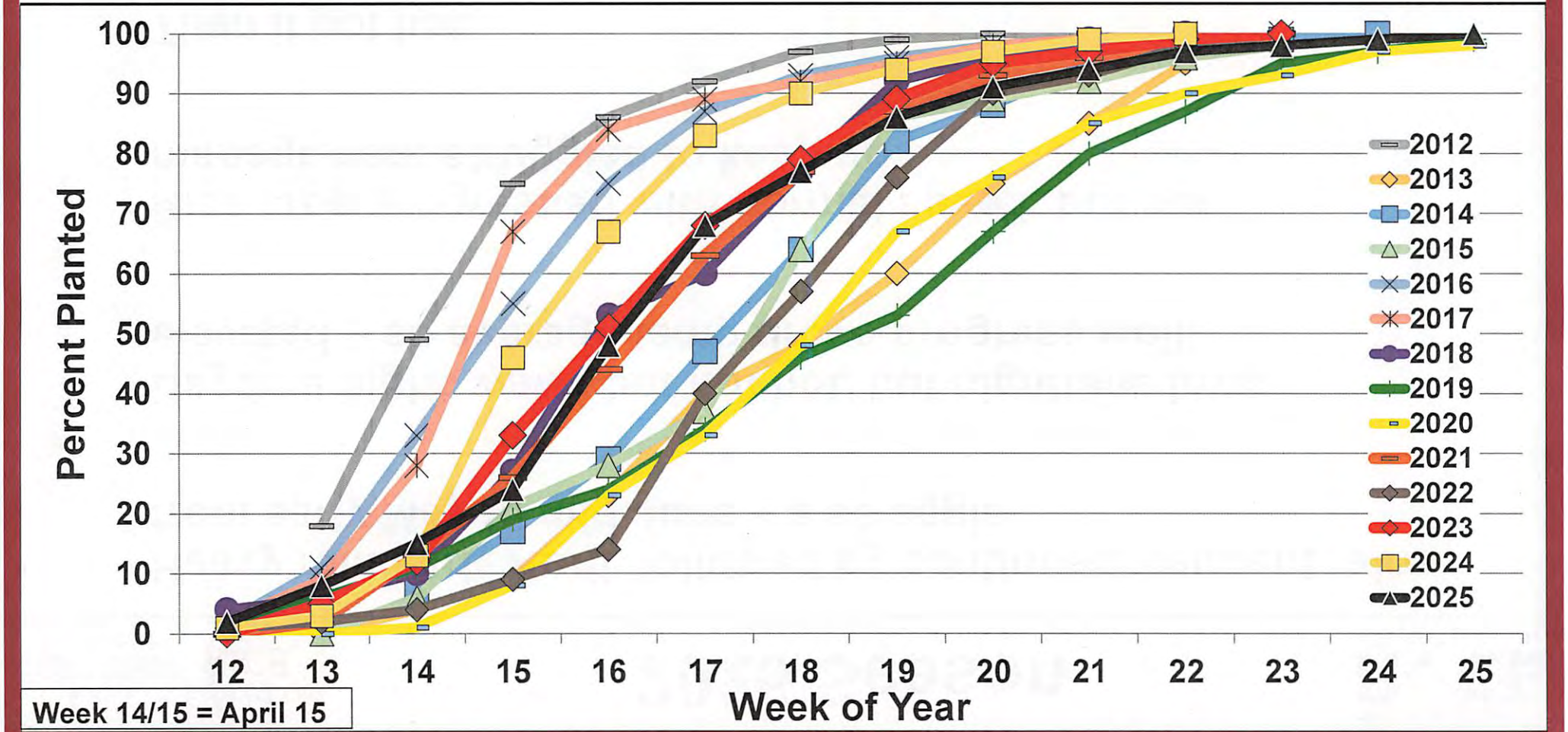
AR RICE

2012-2025 AR Rice Planting Progress

ARKANSAS RICE CHECK-OFF



Week 14/15 = April 15

2025 Season

- Heavy rain early April, followed by continued frequent rains from early May to mid June – a struggle
- Daytime highs warm but not hot, but nighttime lows elevated – so average temp drove progress well
- Rice crop progressed with normal speed, but our management struggled to keep up
- Then it got hot…
- And the rain stopped…

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2025 Season

ARKANSAS RICE CHECK-OFF

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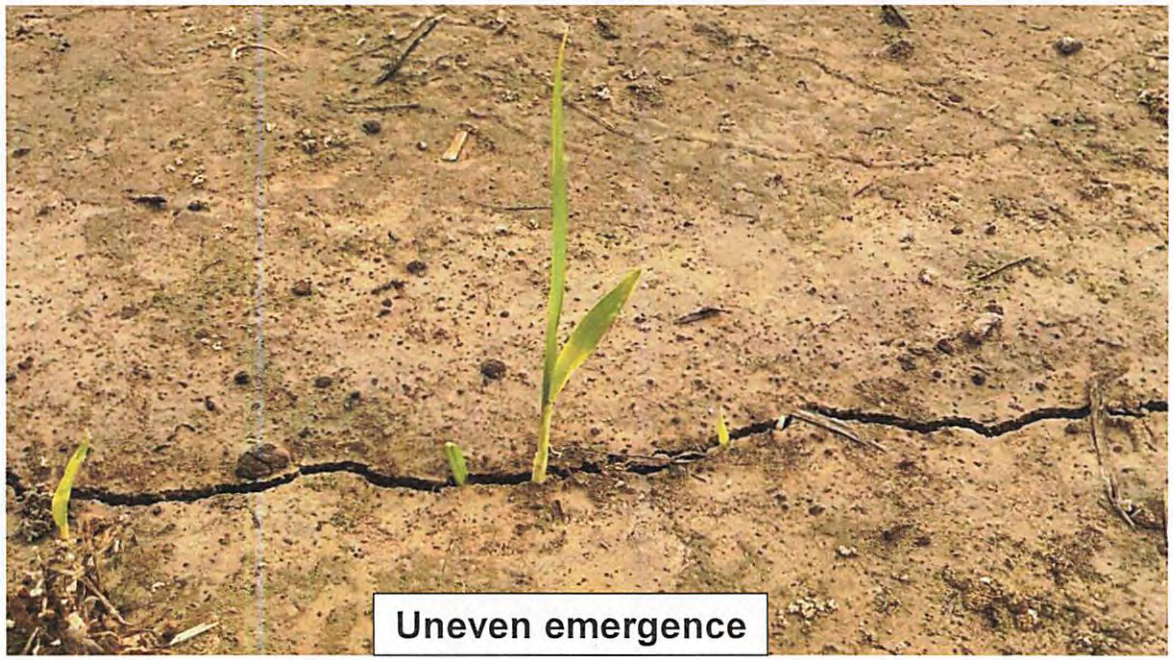
2025 Season

ARKANSAS RICE CHECK-OFF

Bird damage



Uneven emergence

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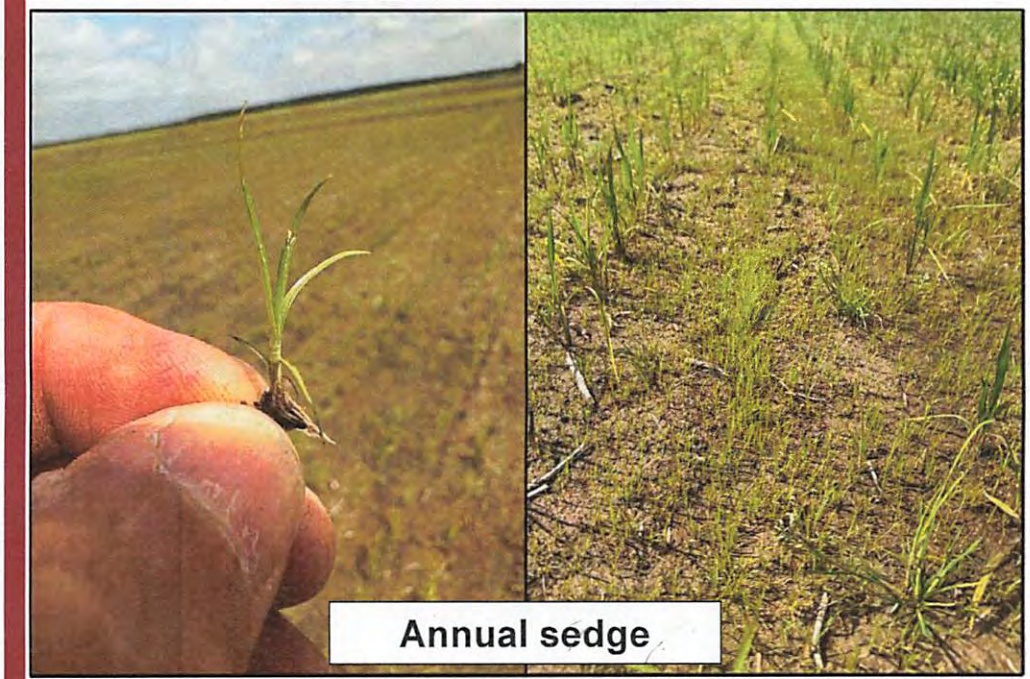
2025 Season

ARKANSAS RICE CHECK-OFF



Annual sedge

Heading BYG in Mid-May

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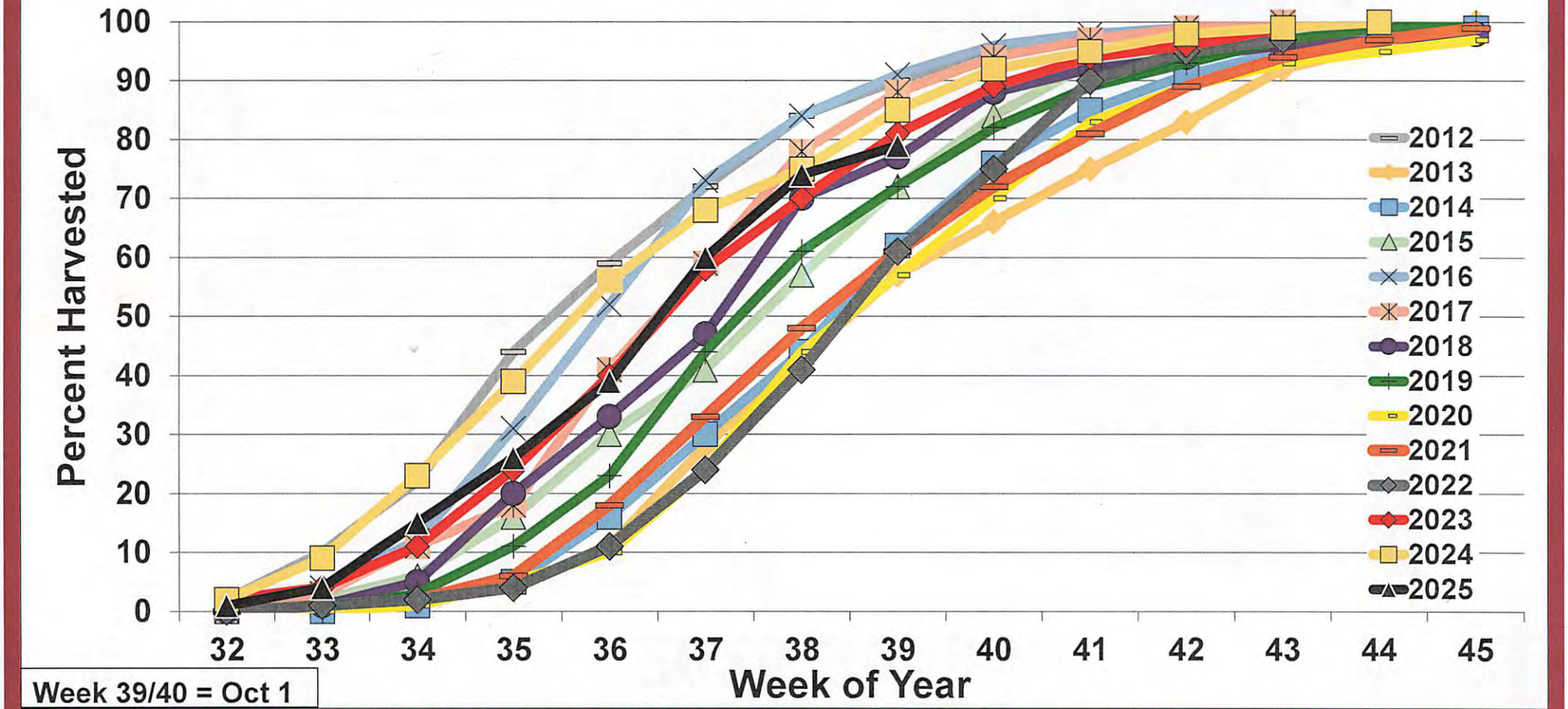
2012-2025 AR Rice Harvest Progress

ARKANSAS RICE CHECK-OFF



Week 39/40 = Oct 1

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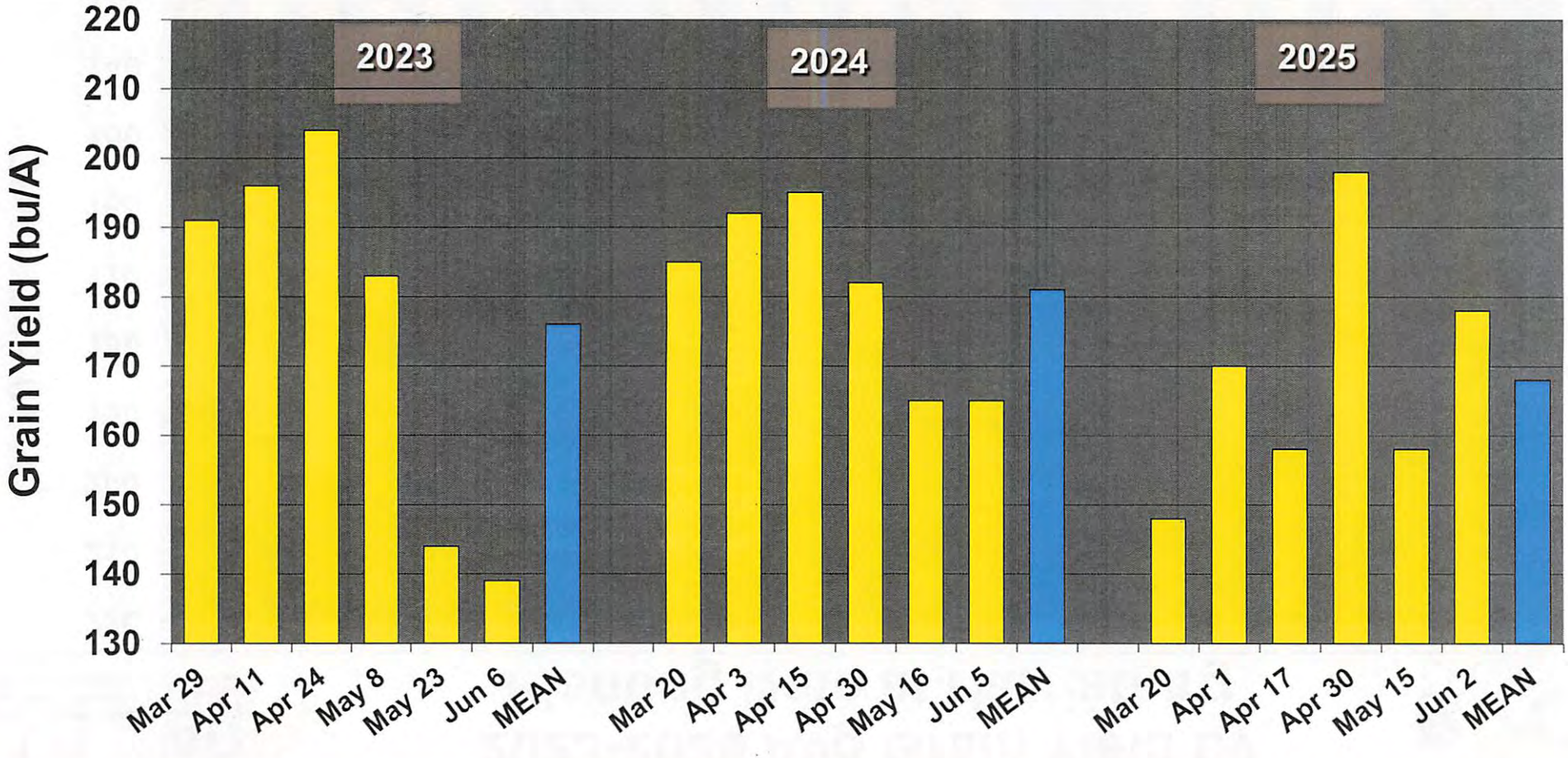
2023-2025 Avg Grain Yield by Planting Date at Harrisburg

ARKANSAS RICE CHECK-OFF



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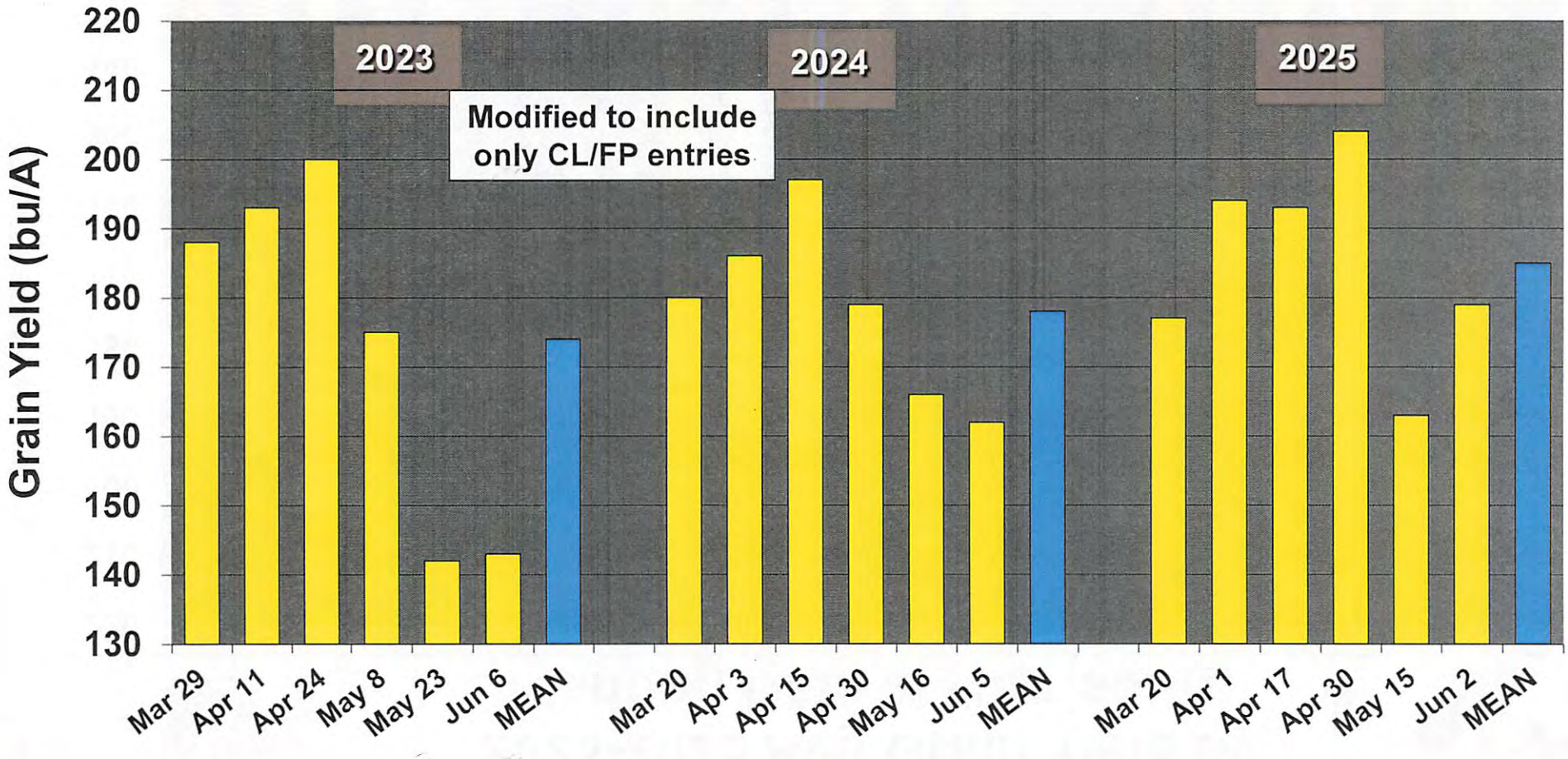
AR RICE

2023-2025 Avg Grain Yield by Planting Date at Harrisburg

ARKANSAS RICE CHECK-OFF



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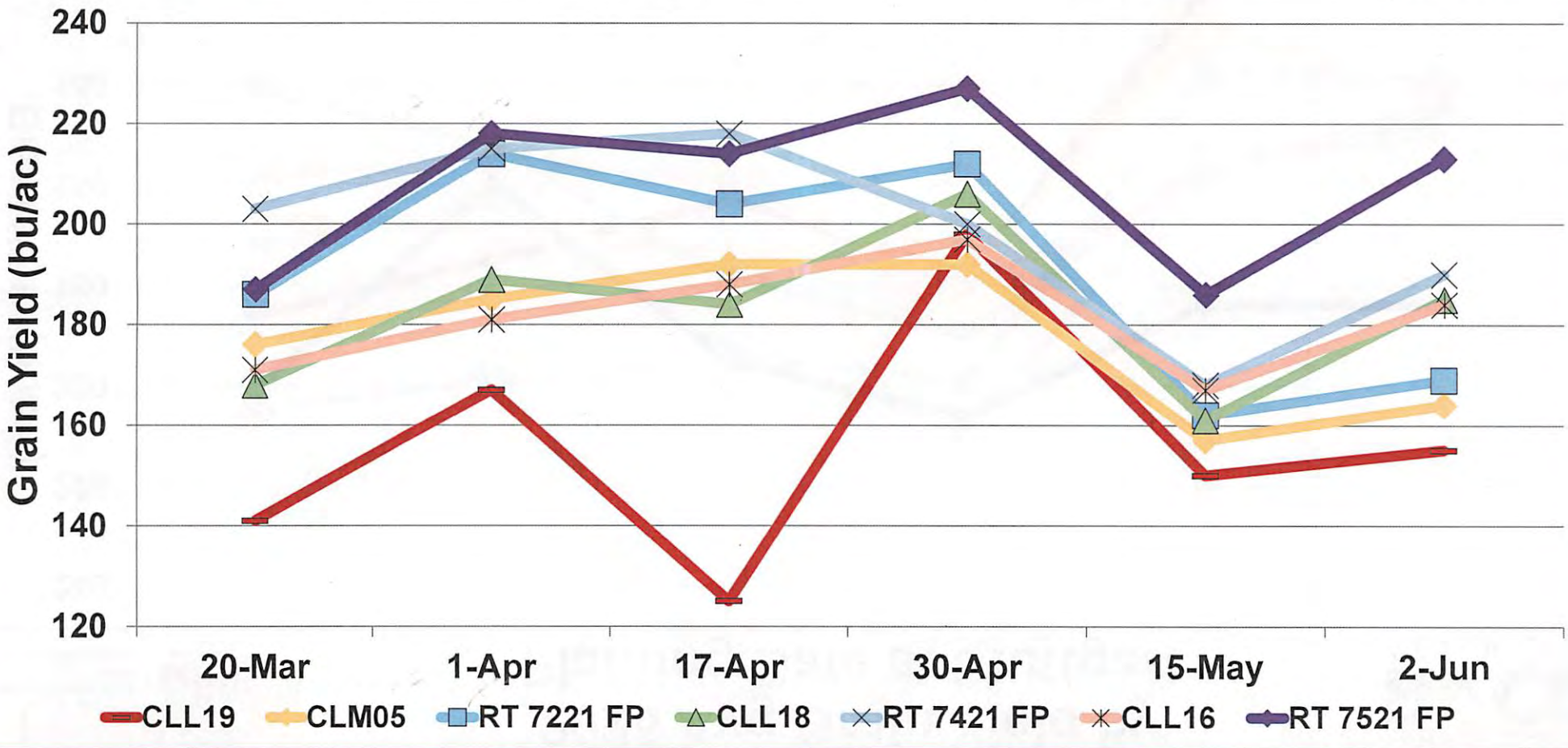
AR RICE

2025 Avg Grain Yield by Planting Date at Harrisburg

ARKANSAS RICE CHECK-OFF



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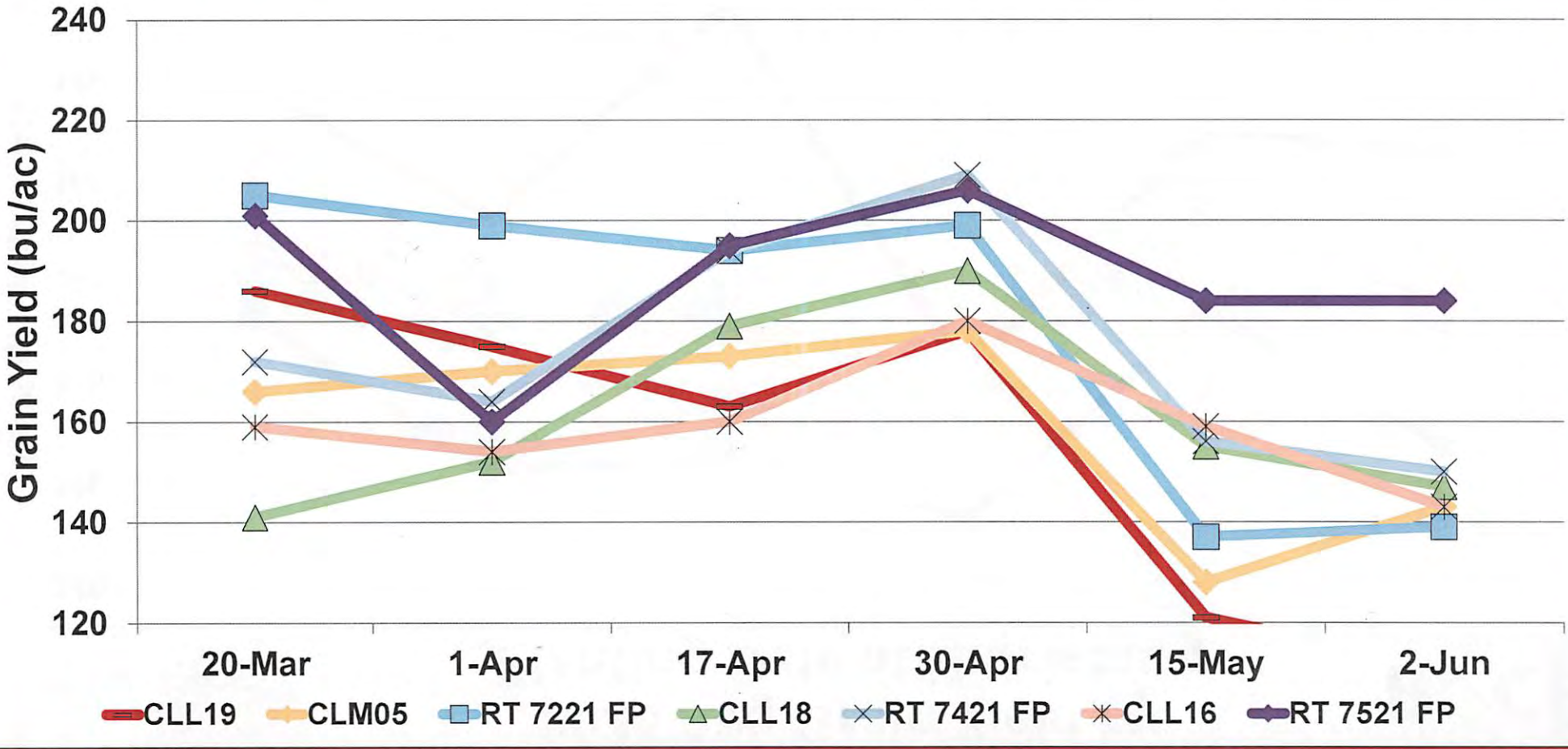
2025 Avg Grain Yield by Planting Date at Stuttgart

ARKANSAS RICE CHECK-OFF



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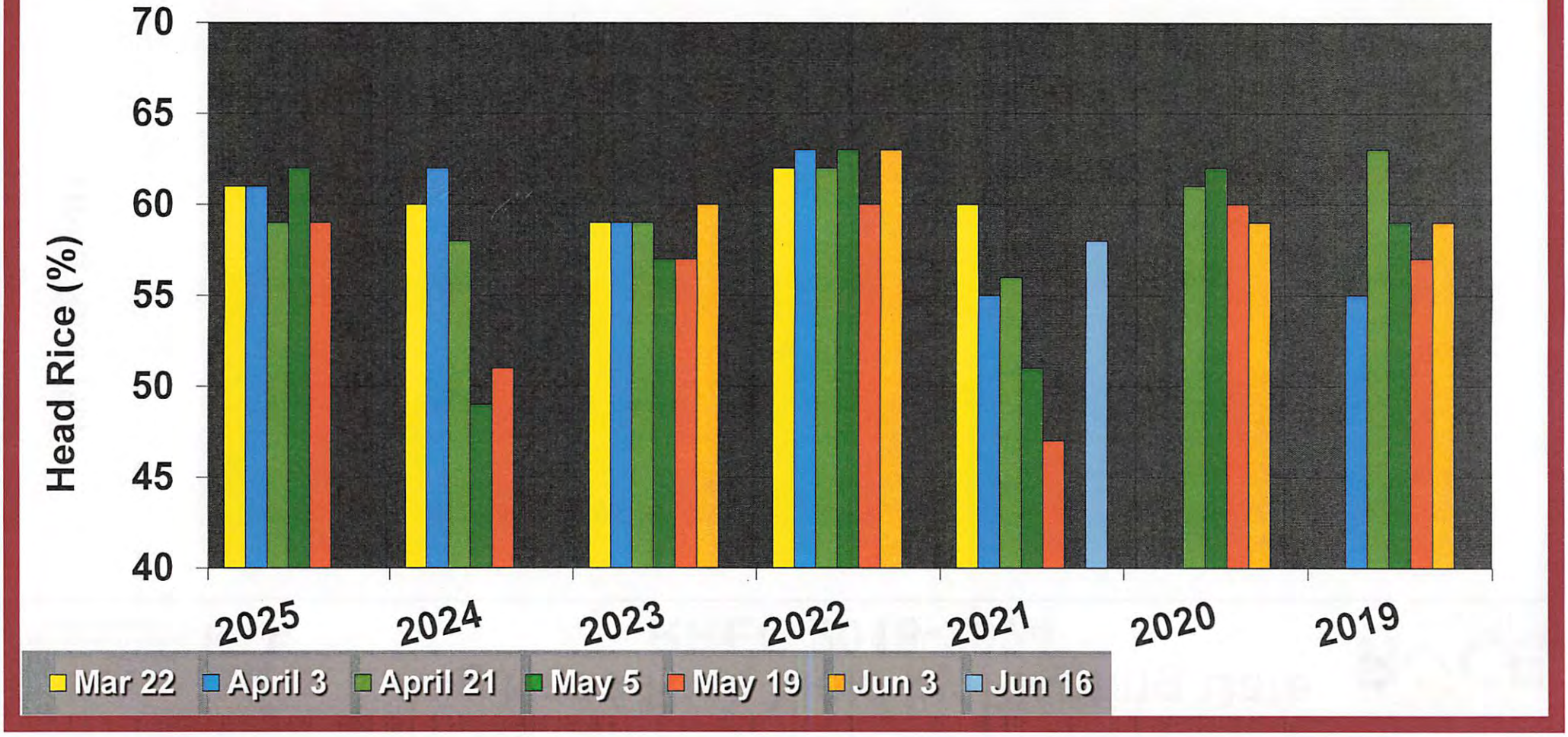
AR RICE

Avg Head Rice Yield by Planting Date PTRS/NERREC 2019-2025

ARKANSAS RICE CHECK-OFF



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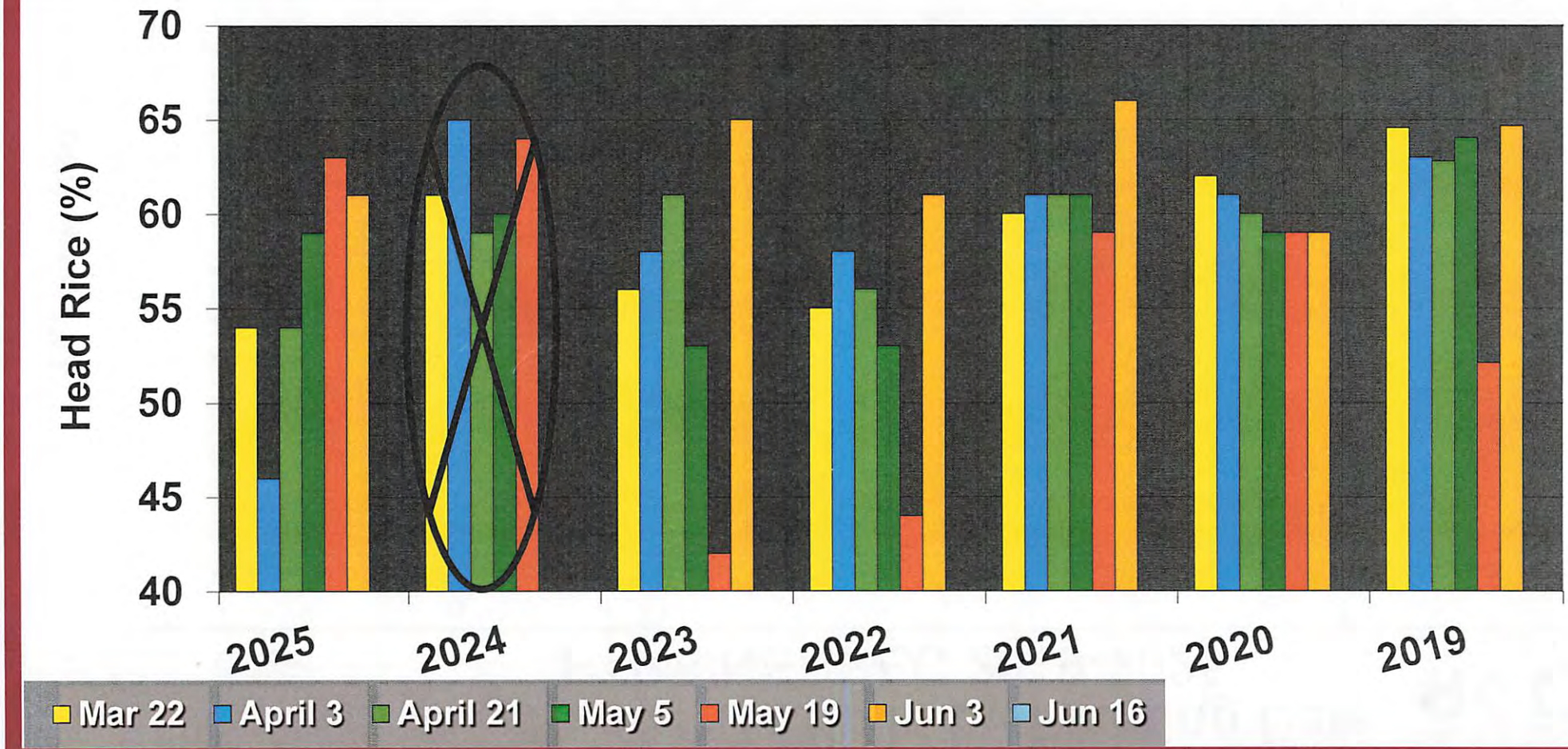
Avg Head Rice Yield by Planting Date RREC 2018-2024

ARKANSAS RICE CHECK-OFF



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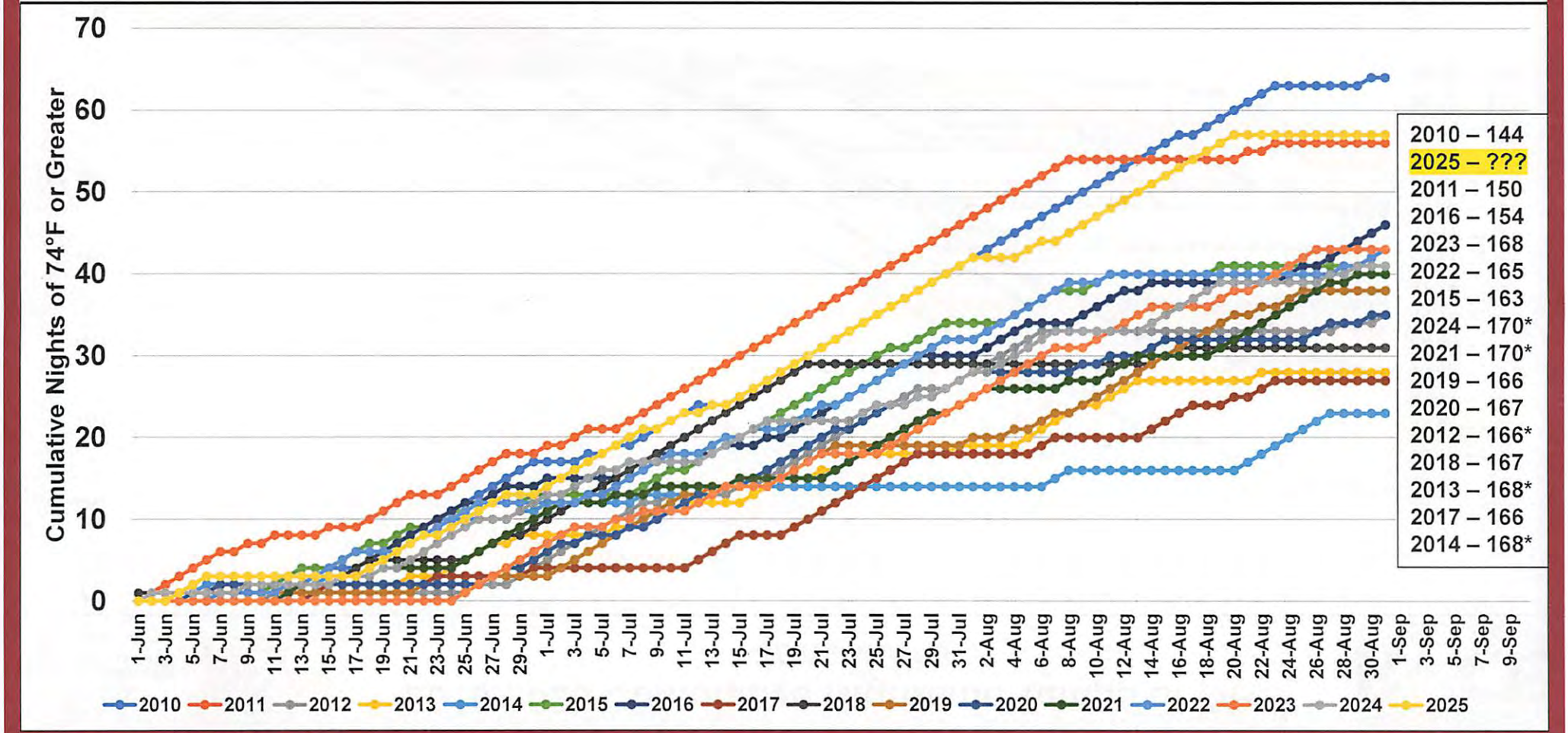
AR RICE

2010-2025 Cumulative Nighttime Temps of 74+ F
Stuttgart

ARKANSAS RICE CHECK-OFF



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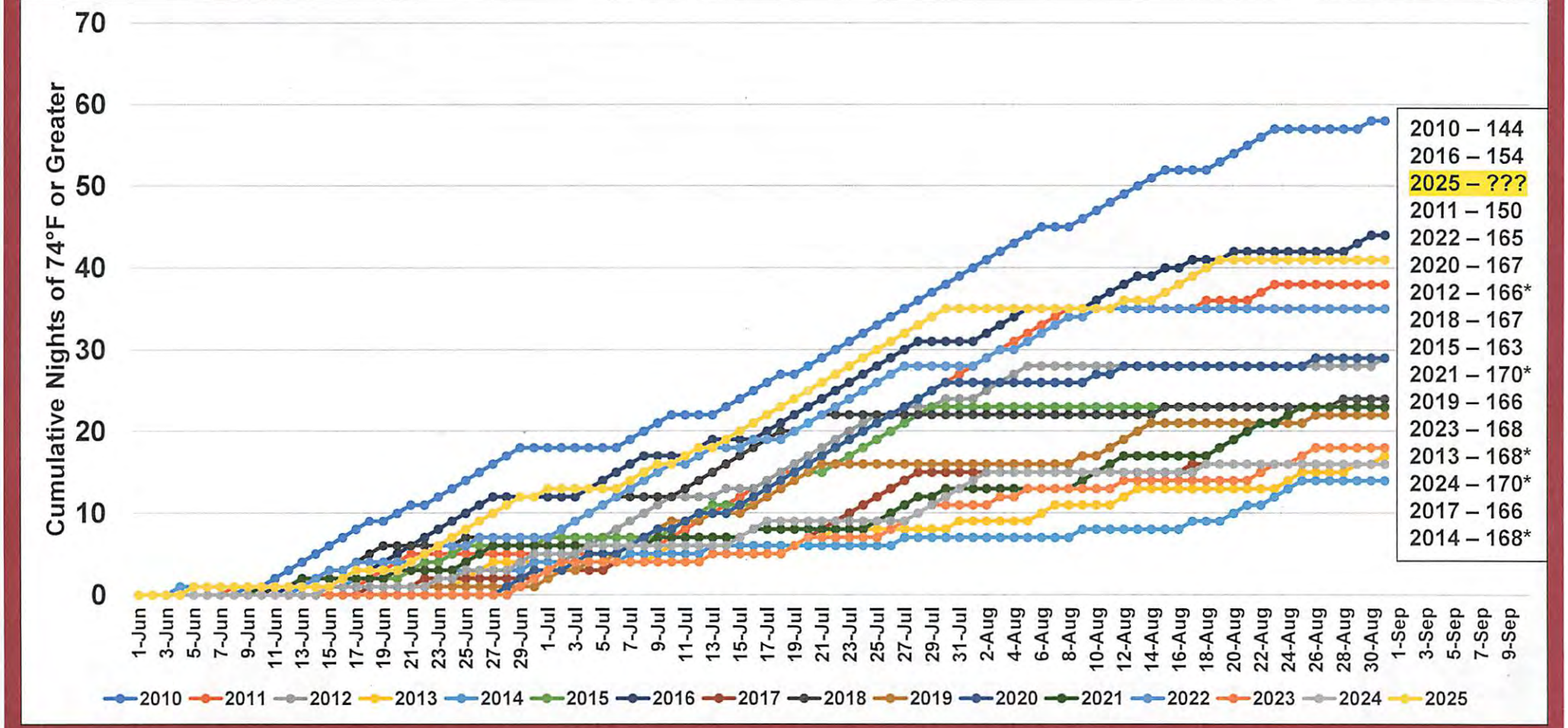
AR RICE

2010-2025 Cumulative Nighttime Temps of 74+ F
Jonesboro

ARKANSAS RICE CHECK-OFF



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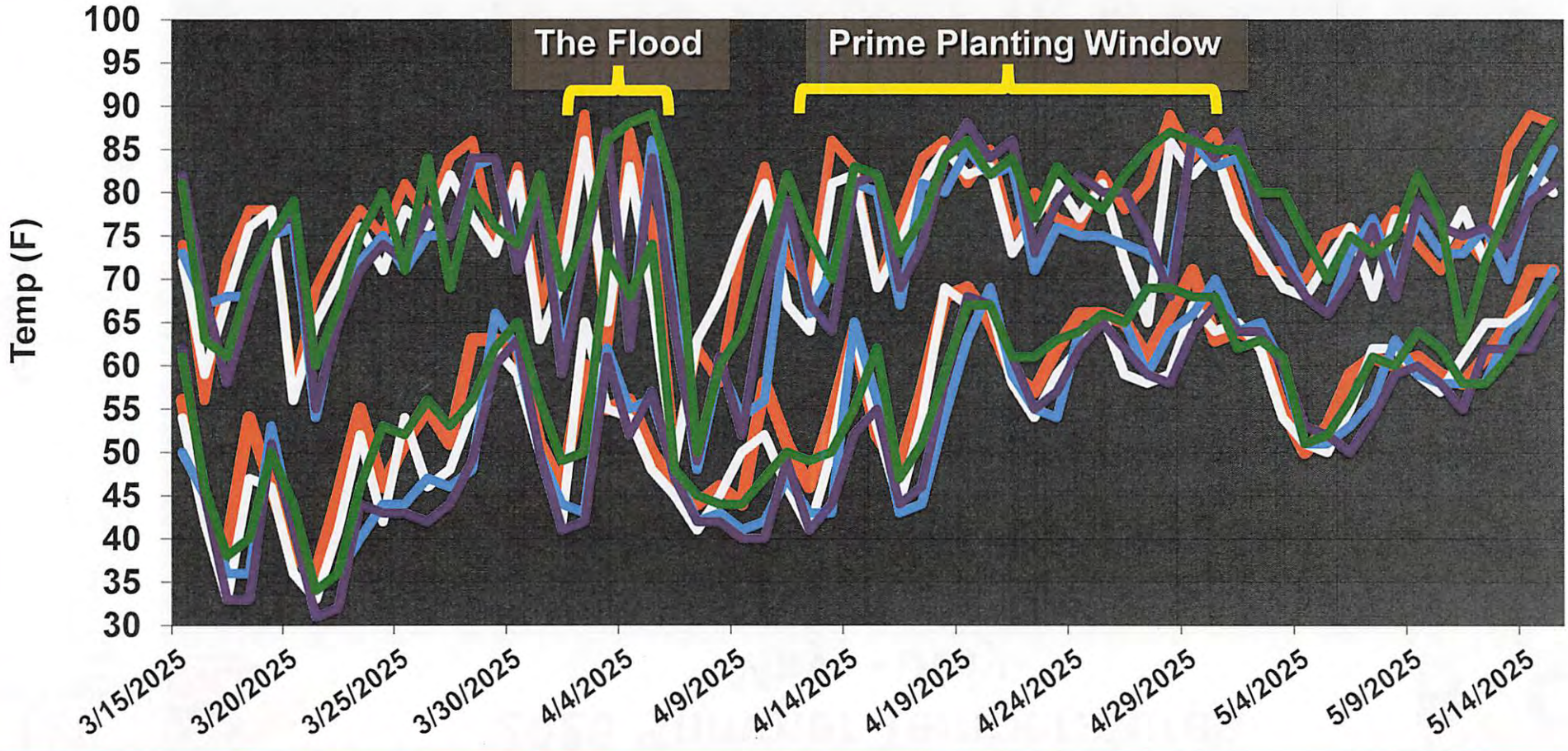
AR RICE

2025 Spring Temperatures March – May

ARKANSAS RICE CHECK-OFF



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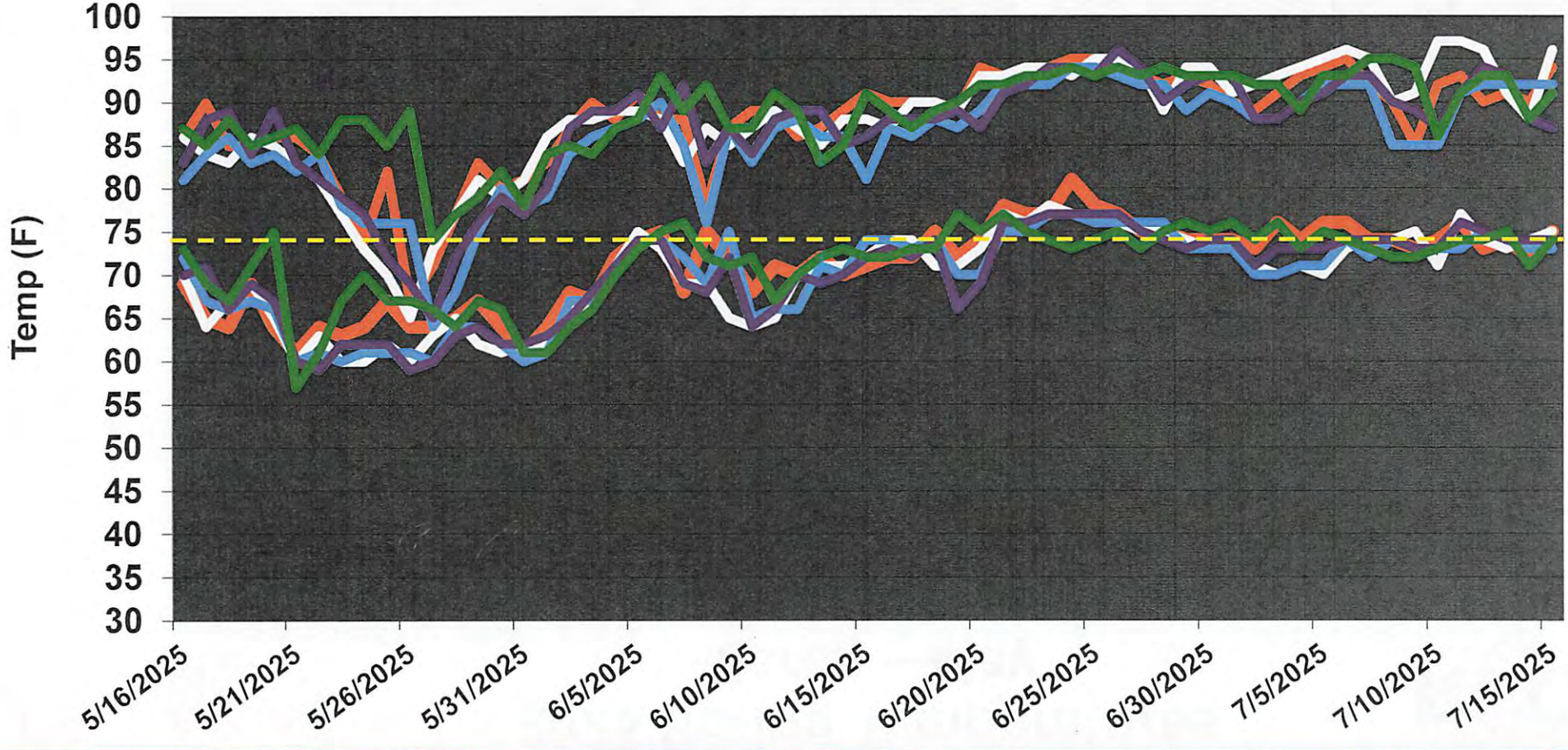
AR RICE

2025 Summer Temperatures
May – July

ARKANSAS RICE CHECK-OFF



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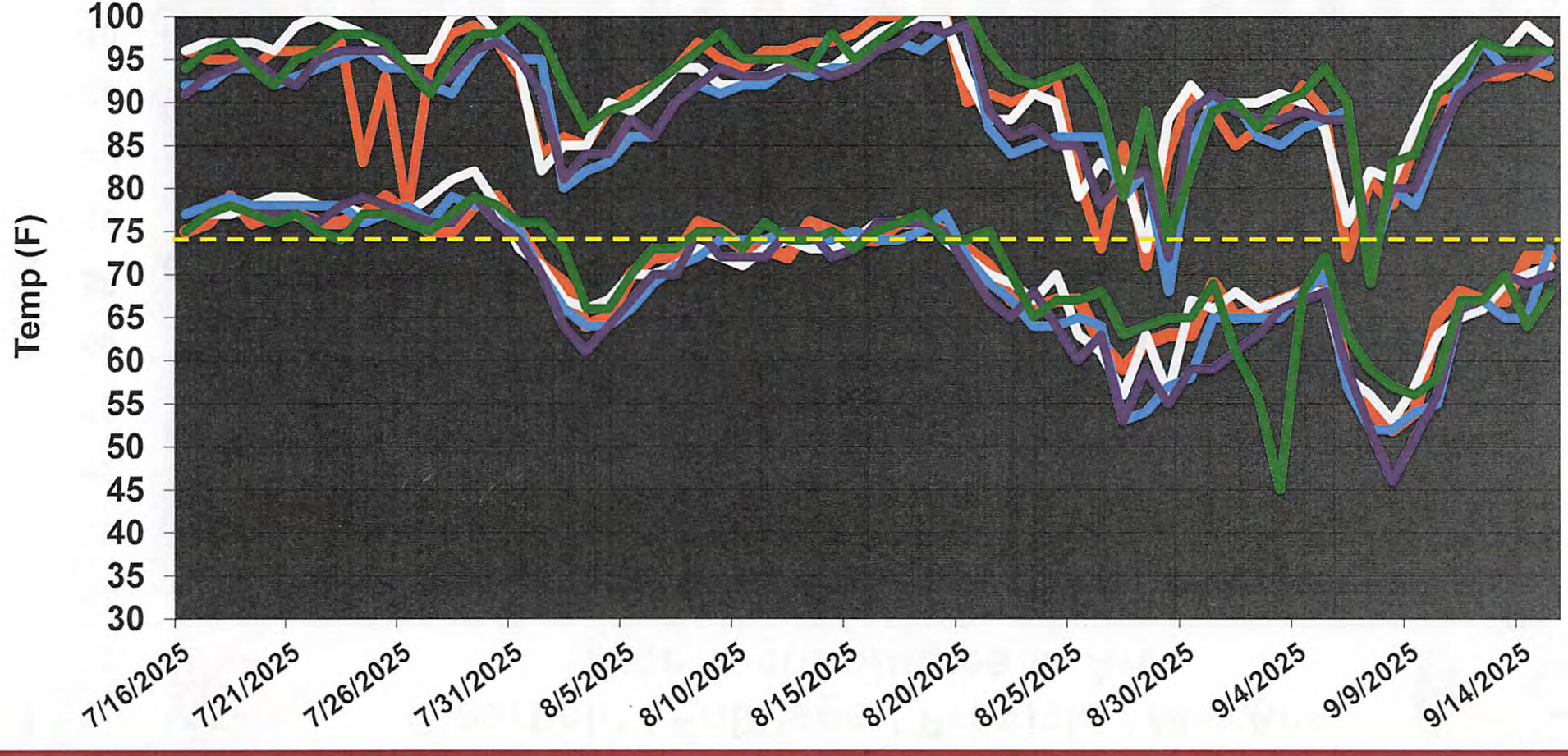
AR RICE

2025 Summer Temperatures
July - Sept

ARKANSAS RICE CHECK-OFF



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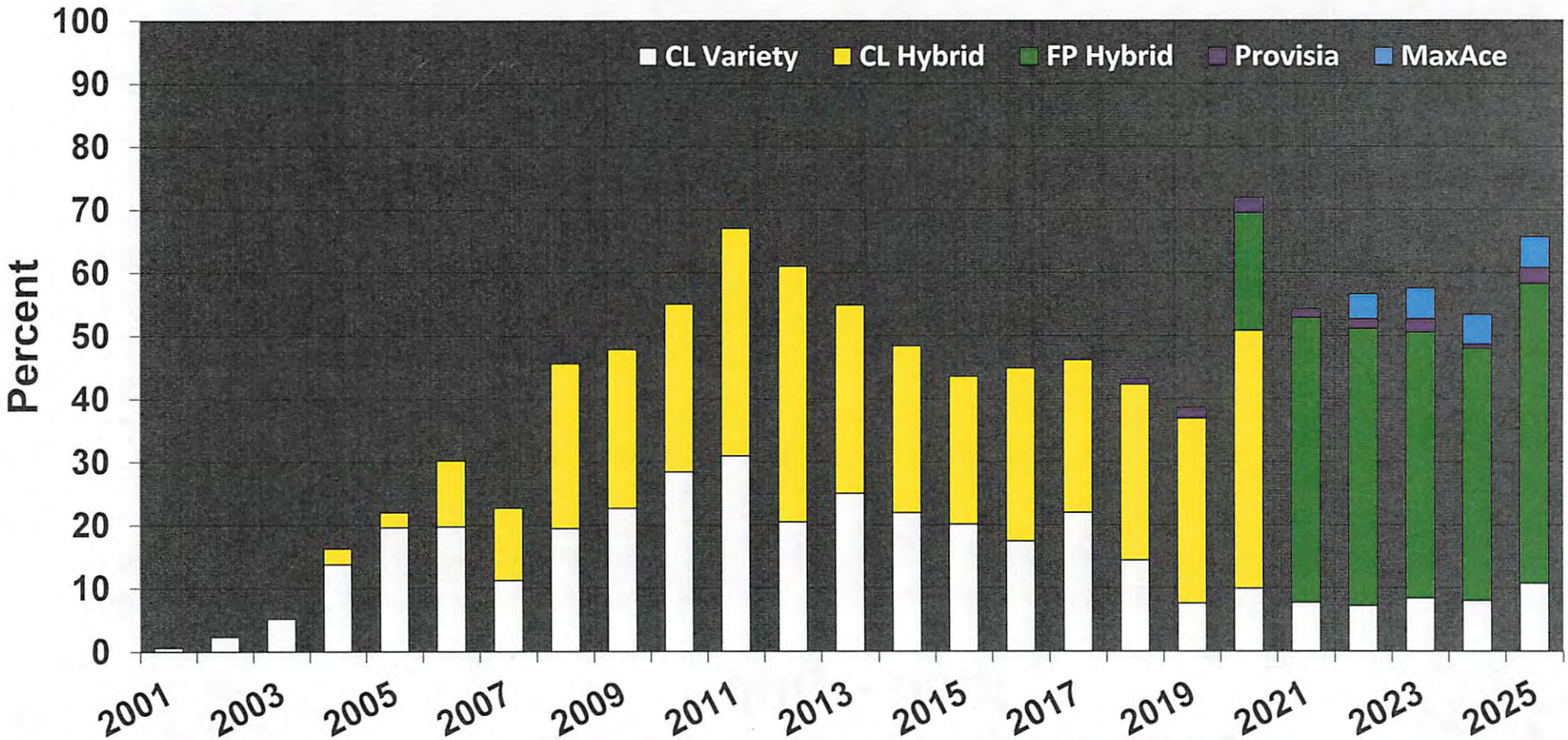
AR RICE

Clearfield / FullPage / Provisia / MaxAce Rice Technologies in AR

ARKANSAS RICE CHECK-OFF



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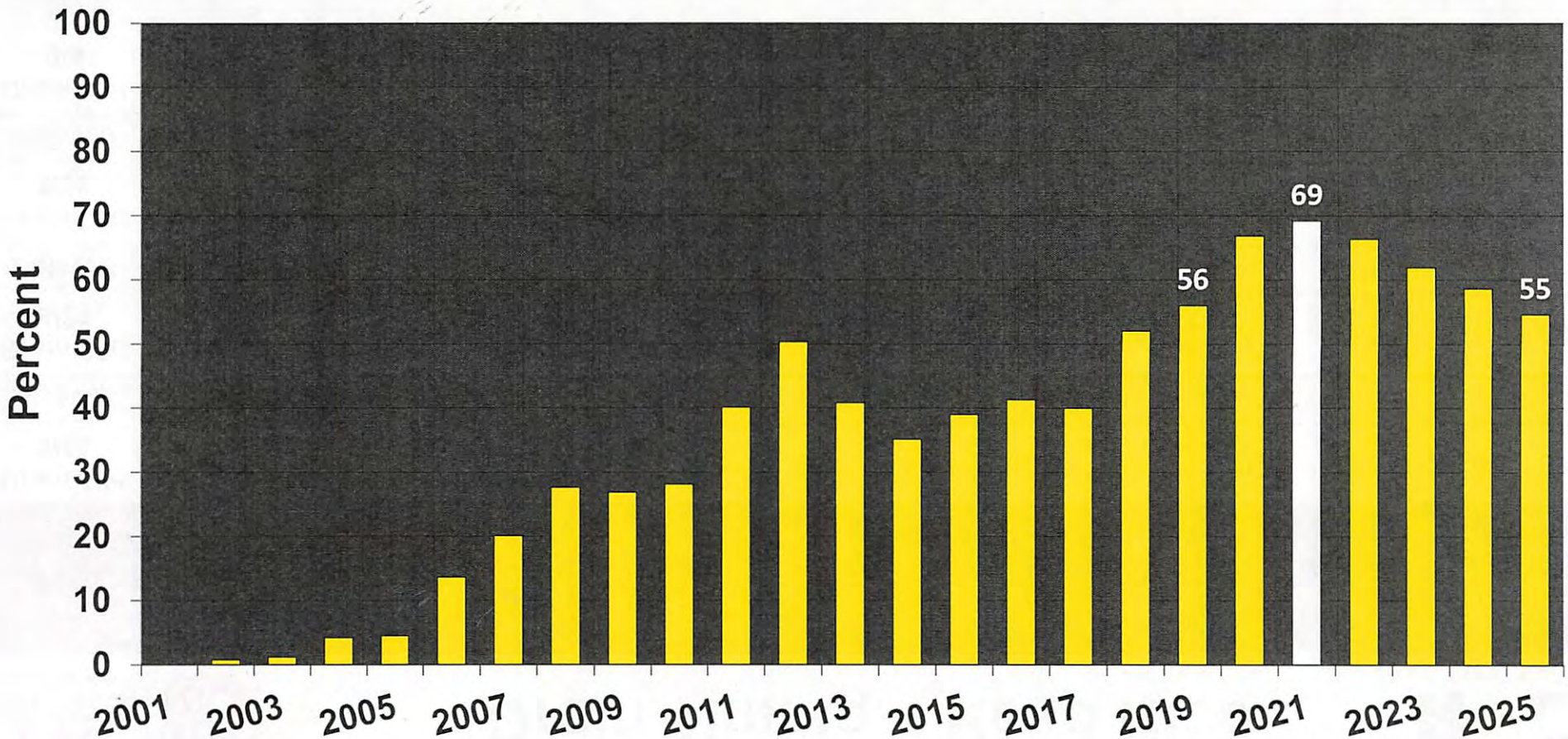
AR RICE

% Hybrid Rice Acres by Year

ARKANSAS RICE CHECK-OFF



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AR RICE

Drain Timing – Head Rice

ARKANSAS RICE CHECK-OFF

Cultivar	Harvest Date	CLL18		DG263L		Ozark		RT7302		RT7521FP		Taurus	
		MST	HR	MST	HR	MST	HR	MST	HR	MST	HR	MST	HR
Drain 19d 8/14	9/5	18.1	56.8	16.7	62.7	16.7	58.3	16.3	64.0	16.4	62.3	16.0	63.7
Delayed	9/12												
Drain 25d 8/21	9/5	18.1	55.5	17.7	63.4	17.8	56.7	17.2	61.9	17.7	63.5	16.8	63.8
Delayed	9/12												
Drain 33d 8/28	9/12	14.7	54.6	14.9	63.7	14.3	56.3	13.7	58.1	13.8	59.8	13.8	56.5
Delayed	9/19												
Drain 40d 9/4	9/12	14.7	55.1	14.8	63.2	14.1	57.0	14.2	60.8	14.5	59.9	14.0	59.3
Delayed	9/19												
Drain 47d 9/11	9/19	17.4	55.3	19.0	59.1	16.9	53.8	16.4	52.3	16.4	54.0	16.9	44.6
Delayed	9/26												

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AR RICE

Drain Timing – Head Rice

ARKANSAS RICE CHECK-OFF

Cultivar	Harvest Date	CLL18		DG263L		Ozark		RT7302		RT7521FP		Taurus	
		MST	HR	MST	HR	MST	HR	MST	HR	MST	HR	MST	HR
Drain 19d 8/14	9/5	18.1	56.8	16.7	62.7	16.7	58.3	16.3	64.0	16.4	62.3	16.0	63.7
Delayed	9/12	15.3	55.3	14.8	61.5	14.9	56.2	14.1	55.2	13.9	60.7	14.5	56.2
Drain 25d 8/21	9/5	18.1	55.5	17.7	63.4	17.8	56.7	17.2	61.9	17.7	63.5	16.8	63.8
Delayed	9/12	14.6	53.6	14.4	61.5	14.3	53.4	13.6	55.7	13.7	59.3	14.1	55.1
Drain 33d 8/28	9/12	14.7	54.6	14.9	63.7	14.3	56.3	13.7	58.1	13.8	59.8	13.8	56.5
Delayed	9/19	18.5	53.4	18.8	56.9	18.1	52.0	17.2	50.2	17.5	55.9	17.6	41.7
Drain 40d 9/4	9/12	14.7	55.1	14.8	63.2	14.1	57.0	14.2	60.8	14.5	59.9	14.0	59.3
Delayed	9/19	17.5	53.5	18.2	57.8	17.4	53.1	16.5	50.7	16.9	54.9	17.0	45.2
Drain 47d 9/11	9/19	17.4	55.3	19.0	59.1	16.9	53.8	16.4	52.3	16.4	54.0	16.9	44.6
Delayed	9/26	18.7	53.7	18.3	56.5	17.6	52.6	16.7	48.7	16.8	54.2	17.4	45.3

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Drain Timing – Yield

ARKANSAS RICE CHECK-OFF

Cultivar	Harvest Date	CLL18		DG263L		Ozark		RT7302		RT7521FP		Taurus	
		MST	GY	MST	GY	MST	GY	MST	GY	MST	GY	MST	GY
Drain 19d 8/14	9/5	18.1	162	16.7	167	16.7	175	16.3	205	16.4	176	16.0	**177**
Delayed	9/12	15.3	172	14.8	186	14.9	**185**	14.1	189	13.9	199	14.5	172
Drain 25d 8/21	9/5	18.1	158	17.7	174	17.8	164	17.2	202	17.7	164	16.8	169
Delayed	9/12	14.6	173	14.4	185	14.3	172	13.6	197	13.7	183	14.1	160
Drain 33d 8/28	9/12	14.7	167	14.9	183	14.3	177	13.7	199	13.8	173	13.8	166
Delayed	9/19	18.5	**186**	18.8	180	18.1	**189**	17.2	203	17.5	188	17.6	167
Drain 40d 9/4	9/12	14.7	156	14.8	182	14.1	167	14.2	205	14.5	174	14.0	163
Delayed	9/19	17.5	**180**	18.2	171	17.4	179	16.5	208	16.9	184	17.0	171
Drain 47d 9/11	9/19	17.4	169	19.0	**195**	16.9	173	16.4	**216**	16.4	**205**	16.9	166
Delayed	9/26	18.7	170	18.3	169	17.6	148	16.7	175	16.8	172	17.4	166

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Rice Cultivar Distribution 2018-2025

ARKANSAS RICE CHECK-OFF

Cultivar	2025*	2024	2023	2022	2021	2020	2019	2018
	% of Acres							
RT 7521 FP	26.9	24.9	21.3	29.8	21.2	13.3	--	--
DG263L	14.6	11.8	8.1	10.9	3.3	--	--	--
RT 7302	9.7	6.6	0.8	--	--	--	--	--
Ozark	9.7	6.4	0.8	--	--	--	--	--
RT 7421 FP	7.7	9.0	6.0	--	--	--	--	--
CLL18	6.0	4.5	0.5	--	--	--	--	--
RT 7331 MA	3.2	1.2	--	--	--	--	--	--
RT 3202	2.4	1.3	--	--	--	--	--	--
CLL19	2.4	1.2	--	--	--	--	--	--
RT 7321 FP	2.2	3.2	14.6	14.6	25.2	5.4	--	--
PVL04	2.2	--	--	--	--	--	--	--
RT XP753	2.1	9.8	12.3	17.8	21.2	19.2	25.6	22.2
RTv7303	1.7	--	--	--	--	--	--	--

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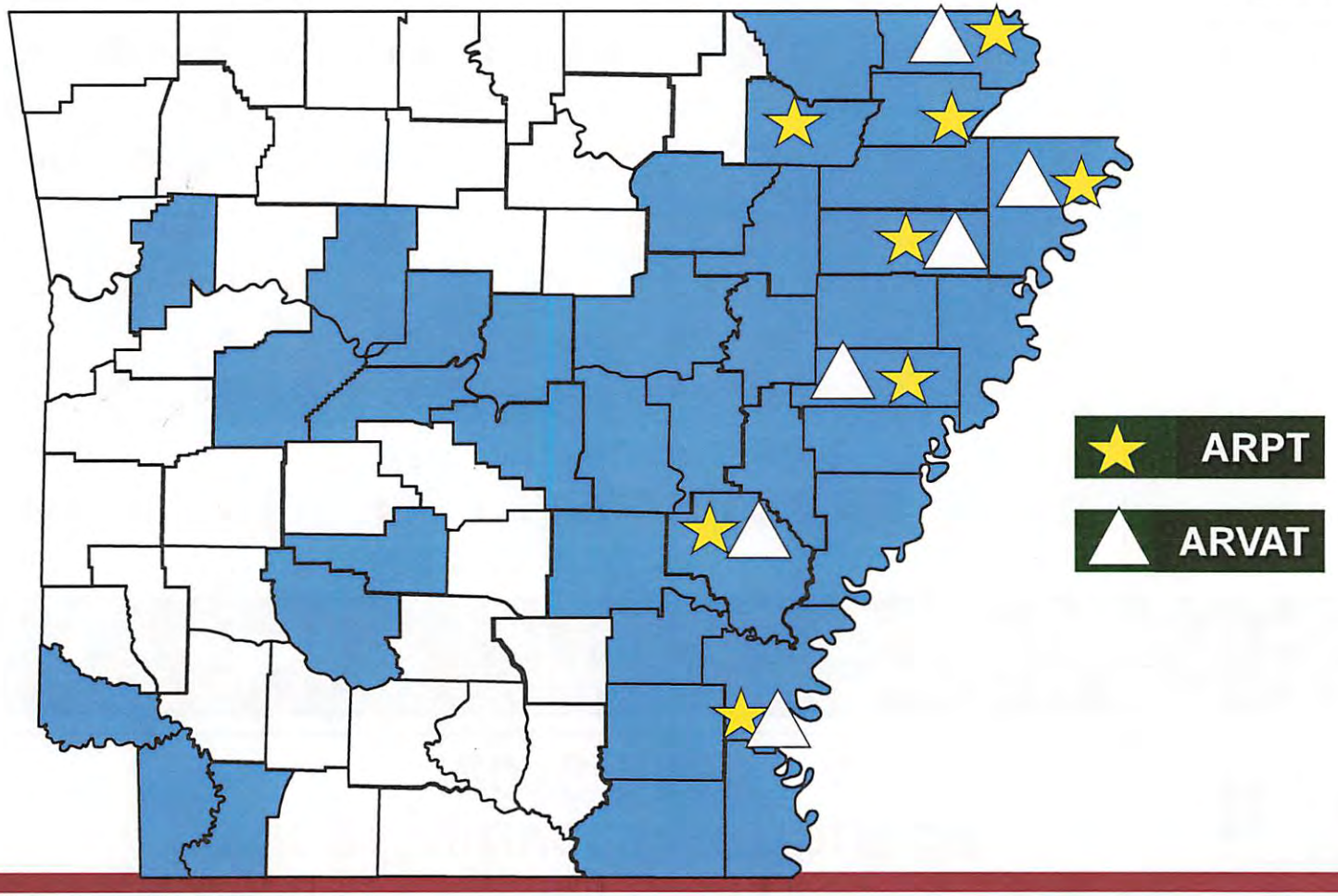
AR RICE

2025 ARPT Locations

ARKANSAS RICE CHECK-OFF



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AR RICE

2025 ARPT Locations (LG)

ARKANSAS RICE CHECK-OFF

Cultivar	RREC	PTRS	NEREC	NERREC	CLAY	DES	GRE	LAW	AVG
Ozark	175	172	166	176	160	210	167	162	173
ProGold L4	184	170	176	159	173	200	170	170	175
DG263L	152	150	161	179	187	210	180	173	174
DG273L	177	170	178	162	174	197	168	162	173
RTv7303	148	159	125	166	179	205	153	168	163
CLL16	146	163	155	160	162	205	168	153	164
CLL18	163	162	173	177	160	204	162	177	172
CLL19	159	147	143	133	138	200	137	164	153
CLHA03	161	150	154	153	167	191	146	163	161
PVL04	138	140	159	143	148	191	152	160	154
PVL05	168	143	144	162	130	204	123	142	152
PVL06	158	175	189	179	184	207	179	166	180
DG563PVL	137	161	156	160	194	201	165	154	166
DG543PVL	133	141	143	73	164	180	129	148	139
RTv7231MA	170	175	188	166	178	193	184	179	179
RT 7331 MA	171	178	167	179	212	214	196	172	186
RT 7431 MA	141	198	168	184	221	204	198	167	185
RT 7221 FP	187	201	195	164	187	203	174	182	186
RT 7321 FP	171	157	182	175	207	203	180	157	179
RT 7421 FP	158	178	210	166	201	207	191	179	186
RT 7521 FP	180	185	196	170	211	230	182	176	191
RT 7301	159	166	175	156	183	209	185	168	175
RT 7302	141	179	181	196	220	229	205	192	193
RT XP753	178	180	192	188	208	221	201	185	194

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AR RICE

2025 ARPT Locations (LG)

ARKANSAS RICE CHECK-OFF

Cultivar	RREC	PTRS	NEREC	NERREC	CLAY	DES	GRE	LAW	AVG
Ozark	41-69	51-67	59-70	62-69	60-69	42-68	63-70	60-70	55-69
ProGold L4	46-69	52-67	59-69	55-64	61-68	46-69	65-70	62-69	56-68
DG263L	48-68	46-65	55-67	53-62	62-68	55-68	64-69	56-67	55-67
DG273L	47-67	47-64	57-69	58-66	56-66	50-68	63-68	55-66	54-67
RTv7303	49-67	49-65	57-67	60-66	50-65	46-68	62-69	53-66	53-67
CLL16	38-68	43-65	59-69	59-68	56-67	40-68	63-70	58-69	52-68
CLL18	38-68	47-64	57-68	60-68	53-65	41-67	64-70	58-68	52-67
CLL19	46-69	50-66	58-68	56-65	58-67	44-67	66-70	58-67	54-67
CLHA03	55-68	52-65	60-68	59-67	62-68	51-68	66-70	63-68	58-68
PVL04	55-68	54-66	59-69	56-66	59-68	48-67	64-71	58-68	56-68
PVL05	41-68	47-66	48-67	57-67	50-67	42-69	59-71	56-68	50-68
PVL06	39-65	50-66	57-68	57-65	58-67	36-66	62-69	58-68	52-67
DG563PVL	52-69	48-66	60-68	56-64	60-67	58-69	65-70	58-67	57-67
DG543PVL	51-69	50-67	58-68	54-64	60-67	53-69	65-70	52-68	55-68
RTv7231MA	34-68	34-68	51-69	59-67	56-66	48-68	55-70	51-69	48-68
RT 7331 MA	45-70	42-68	57-70	60-68	53-70	52-70	59-72	56-70	53-70
RT 7431 MA	37-69	38-67	57-70	59-67	59-70	50-70	61-72	59-69	53-69
RT 7221 FP	39-69	34-66	49-69	54-66	47-69	46-69	54-71	44-68	46-68
RT 7321 FP	40-69	30-68	50-69	57-67	49-69	41-69	57-71	42-69	46-69
RT 7421 FP	37-69	36-66	58-70	57-66	57-69	44-69	62-70	54-68	50-69
RT 7521 FP	46-69	47-64	59-69	58-66	58-69	48-69	63-71	51-67	54-68
RT 7301	41-70	27-67	54-71	57-66	41-69	44-69	58-71	50-70	46-69
RT 7302	36-70	36-67	55-71	59-67	51-70	44-70	62-72	56-70	50-69
RT XP753	39-71	31-68	55-71	61-69	43-69	48-71	57-71	50-69	48-67

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AR RICE

2025 ARPT Locations (MG)

ARKANSAS RICE CHECK-OFF

Cultivar	RREC	PTRS	NEREC	NERREC	CLAY	DES	GRE	LAW	AVG
Titan	124	152	159	137	185	175	168	137	155
Taurus	174	177	190	157	169	195	176	178	177
ProGold M3	159	165	173	147	192	184	163	150	167
RT 3202	173	185	200	160	234	150	193	178	184
CLM05	160	155	162	140	180	200	162	152	164

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2025 ARPT Locations (MG)

ARKANSAS RICE CHECK-OFF

Cultivar	RREC	PTRS	NEREC	NERREC	CLAY	DES	GRE	LAW	AVG
Titan	32-69	35-68	54-69	59-67	57-68	52-69	61-71	58-69	51-69
Taurus	35-71	34-68	58-70	58-67	57-68	52-70	61-72	59-70	52-69
ProGold M3	52-70	50-66	66-69	58-65	62-68	61-69	68-70	62-68	60-68
RT 3202	40-70	32-66	53-69	52-64	57-69	39-69	63-71	48-69	48-68
CLM05	44-69	42-64	61-66	54-62	60-67	58-68	65-69	55-66	55-66

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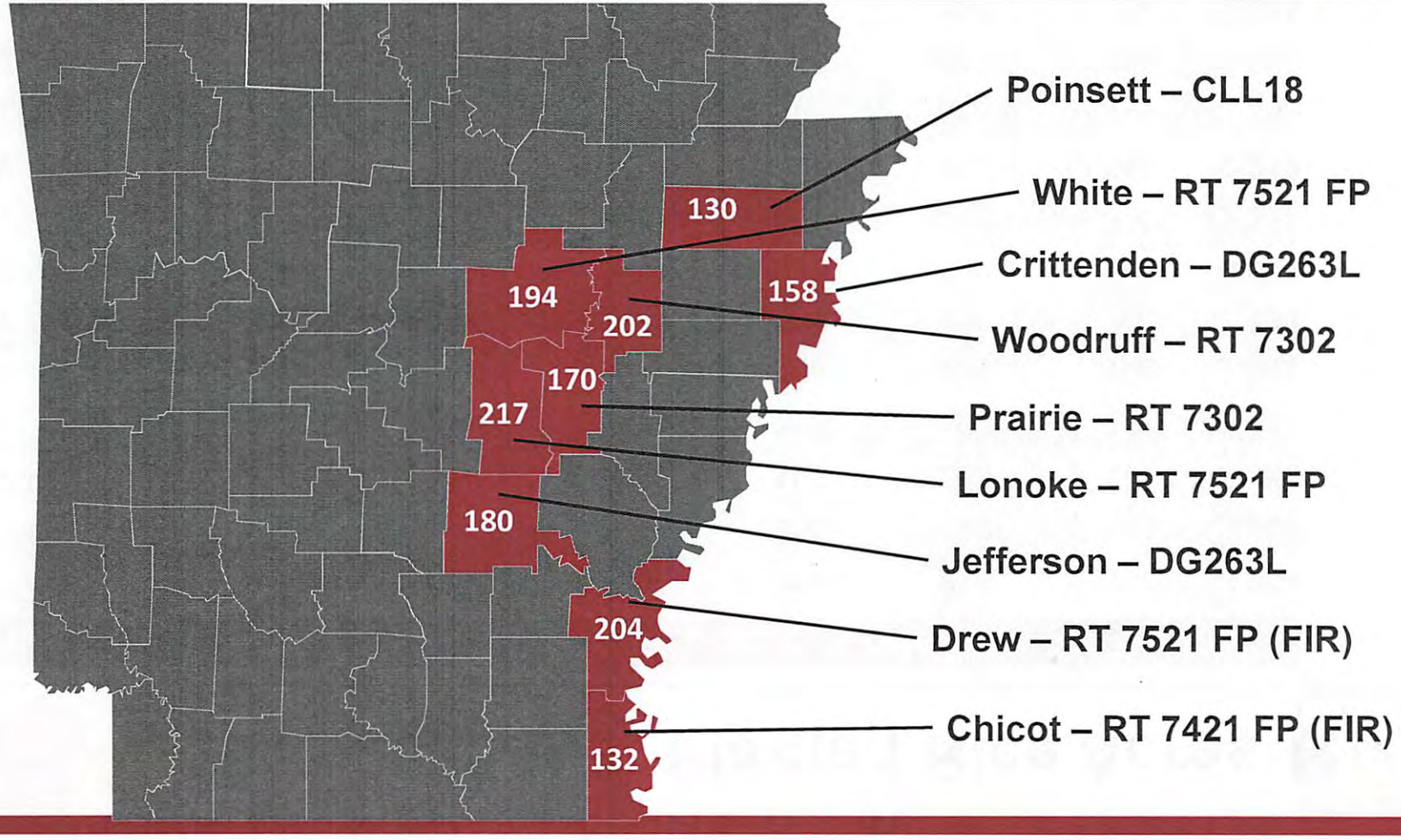
AR RICE

RRVP 2025 Enrolled Counties

ARKANSAS RICE CHECK-OFF



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AR RICE

2013-2025 U.S. Planted Rice Acres

ARKANSAS RICE CHECK-OFF

Year	AR	CA	LA	MS	MO	TX	US
2014	1,486	445	466	191	216	150	2,954
2015	1,311	429	420	150	182	133	2,625
2016	1,546	541	437	195	236	195	3,150
2017	1,161	445	400	115	169	173	2,463
2018	1,441	506	440	138	225	195	2,945
2019	1,160	503	423	118	189	158	2,551
2020	1,459	517	480	168	225	184	3,033
2021	1,211	407	420	104	199	190	2,531
2022	1,104	254	422	87	157	195	**2,219**
2023	1,436	516	468	121	205	149	2,895
2024	1,448	467	473	155	219	148	2,910
22-24 AVG	**1,329**	**412**	**454**	**121**	**194**	**164**	**2,675**
2025 NASS	**1,284**	**533**	**482**	**165**	**214**	**145**	**2,823**
2026 ???	**1,000**	**470**	**420**	**100**	**170**	**140**	**2,300**

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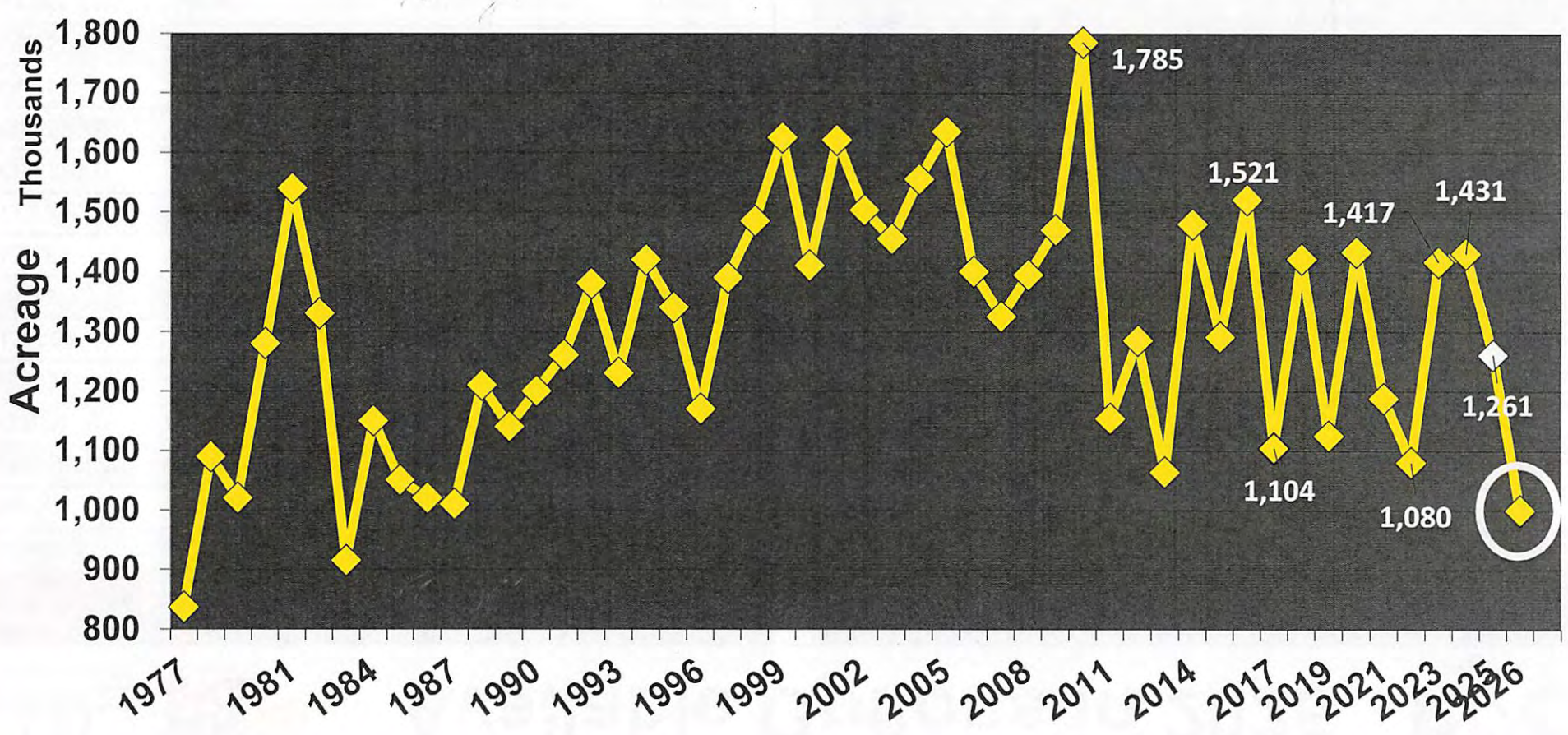
AR RICE

AR Rice Acreage, 1977-2025

ARKANSAS RICE CHECK-OFF



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AR RICE

Available Options in 2026

ARKANSAS RICE CHECK-OFF

Cultivar	Hybrid / Variety	Grain Type	Release	Tech
Diamond	Variety	Long	UADA	--
Ozark	Variety	Long	UADA	--
ProGold L4	Variety	Long	UADA; Progeny	--
DG263L	Variety	Long	DynaGro	--
DG273L	Variety	Long	DynaGro	--
CLHA03	Variety	Long	MSU; Horizon	Clearfield
CLL16	Variety	Long	UADA; Horizon	Clearfield
CLL18	Variety	Long	UADA; Horizon	Clearfield
CLL19	Variety	Long	LSU; Horizon	Clearfield
DG563PVL	Variety	Long	DynaGro	Provisia
DG543PVL	Variety	Long	DynaGro	Provisia
PVL04	Variety	Long	UADA; Horizon	Provisia
PVL05*	Variety	Long	LSU; Horizon	Provisia
PVL06*	Variety	Long	UADA; Horizon	Provisia

Cultivar	Hybrid / Variety	Grain Type	Release	Tech
RT XP753	Hybrid	Long	RiceTec	--
RT 7301	Hybrid	Long	RiceTec	--
RT 7302	Hybrid	Long	RiceTec	--
RTv7303	Variety	Long	RiceTec	--
RT 7221 FP	Hybrid	Long	RiceTec	FullPage
RT 7321 FP	Hybrid	Long	RiceTec	FullPage
RT 7421 FP	Hybrid	Long	RiceTec	FullPage
RT 7521 FP	Hybrid	Long	RiceTec	FullPage
RTv7231 MA	Variety	Long	RiceTec	MaxAce
RT 7331 MA	Hybrid	Long	RiceTec	MaxAce
RT 7531 MA	Hybrid	Long	RiceTec	MaxAce
ProGold M3	Variety	Medium	UADA; Progeny	--
RT 3202	Variety	Medium	RiceTec	--
Taurus	Variety	Medium	UADA	--
Titan	Variety	Medium	UADA	--
CLM05	Variety	Medium	UADA; Horizon	Clearfield

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RESEARCH & EXTENSION
University of Arkansas System

AR RICE

ARKANSAS RICE CHECK-OFF

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Twitter: @jhardke
Email: jhardke@uada.edu

uaex.uada.edu/rice

arkansascrops.com

riceadvisor.uada.edu

dd50.uada.edu

Sign up for
Arkansas Rice Updates
Newsletter:
Email
rice@uada.edu

Sign up for
Text Message info:
Text 'rice' to 501-300-8883

My Crew:
Donna Frizzell
Eddie Castaneda
Tara Clayton
Hannah Hartley
Jackson McMinn
Ralph Mazzanti
Steve Frizzell
Mary Jane Lytle

Attachment 3

Rice Delphacid Update

Nick Bateman, Ben Thrash, Jarrod Hardke, David Kerns, Sam Rustom, Don Cook, Dawson Kerns, and Lina Bernaola

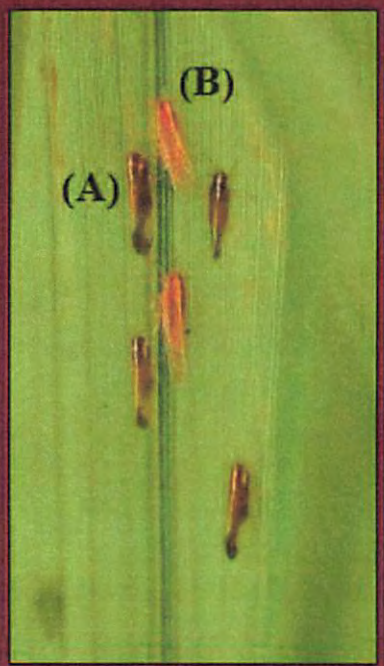
Identification

Photos: Dr. Lina Bernaola

TEXAS A&M AGRILIFE EXTENSION

Injuries from rice delphacid laying eggs in the mid-vein of rice leaves.

Cluster of newly hatched rice delphacid nymphs (<1 mm)



Adult rice delphacid male (A), female (B), and different nymphal stages (C).

Blackfaced Leafhopper

Not What We're Looking For

TEXAS A&M AGRILIFE EXTENSION

Rice Delphacid Biology

- Females can lay ~ 160 eggs
  - Laid in midribs
- Eggs hatch in 1-2 wks
- Nymphs have 5 instars (~15 days)
- Total lifecycle can range from 3-5 wks
  - (Males ~ 25 days, Females ~ 34 days)
- Can transmit Hoja Blanca virus

Rice Hoja Blanca Virus

TEXAS A&M AGRILIFE EXTENSION

Rice Hoja Blanca Virus

TEXAS A&M AGRILIFE EXTENSION

Alternative Host and Overwintering

- Barnyard grass-Virus Transmission

- Rye-2nd most preferred compared to rice
  - Completed life cycle
- Wheat and Barley-Will lay eggs but not preferred

- Overwintering?

Weather Effects on Rice Delphacid

Direct exposure studies

24 hours at 20^0 kills 100% of population

24 hours at 21.2^0 kills 92% of population

24 hours at 43^0 kills 100% of eggs

Weather Data 12/7/17-1/7/18

Location	Hours ≤ 32°	Hours ≤ 20°	Consecutive Hours ≤ 20°
Jonesboro	337	122	58
Stuttgart	277	56	36
McGehee	187	34	17

Weather Data 12/7/22-1/7/23

Location	Hours ≤ 32°	Hours ≤ 20°	Consecutive Hours ≤ 20°
Jonesboro	169	52	48
Stuttgart	113	39	39
McGehee	104	23	23

Weather Data 1/13/24-1/21/24

Location	Hours ≤ 32°	Hours ≤ 20°	Consecutive Hours ≤ 20°
Monroe, LA	68	44	31
Stuttgart	183	99	77

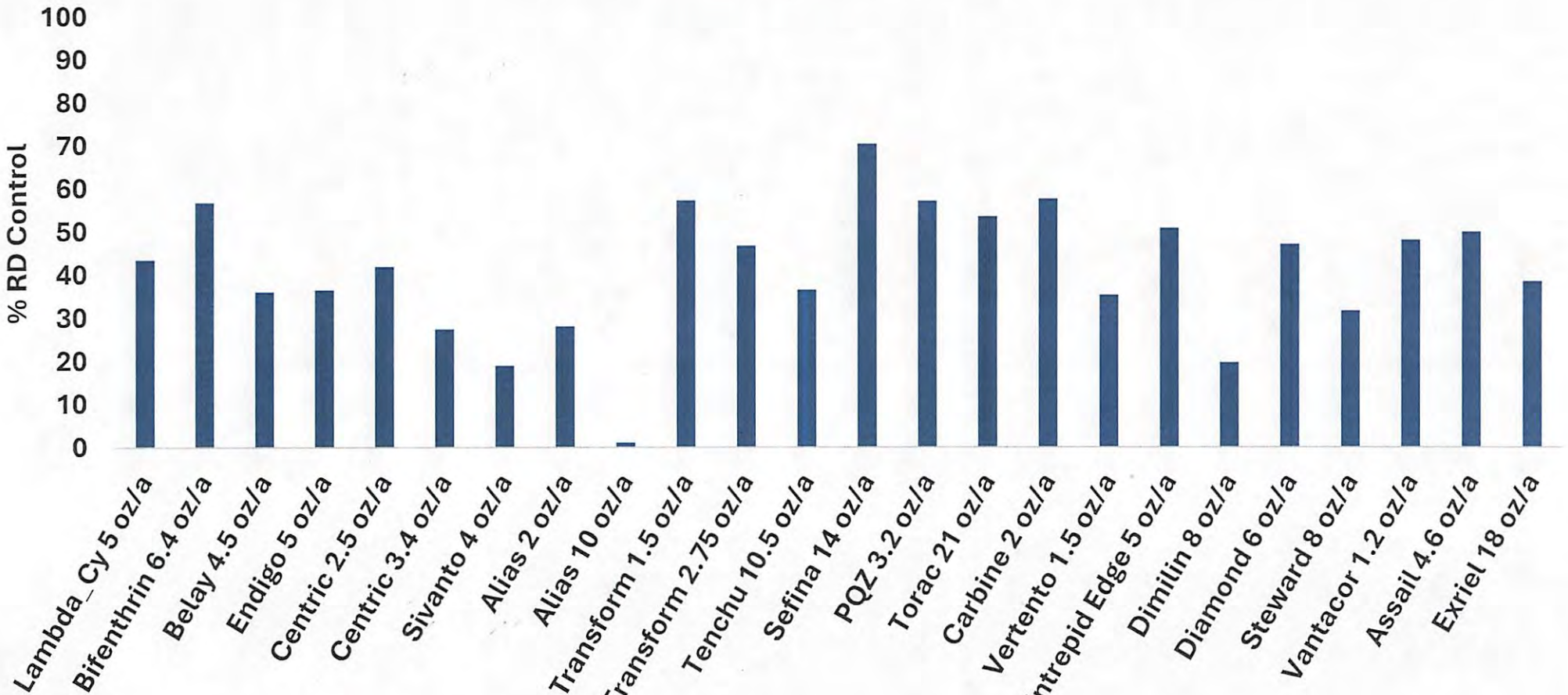
Weather Data 1/1/25-1/31/25

Location	Hours ≤ 32°	Hours ≤ 20°	Consecutive Hours ≤ 20°
Monroe, LA	150	8	8
Stuttgart	309	44	40

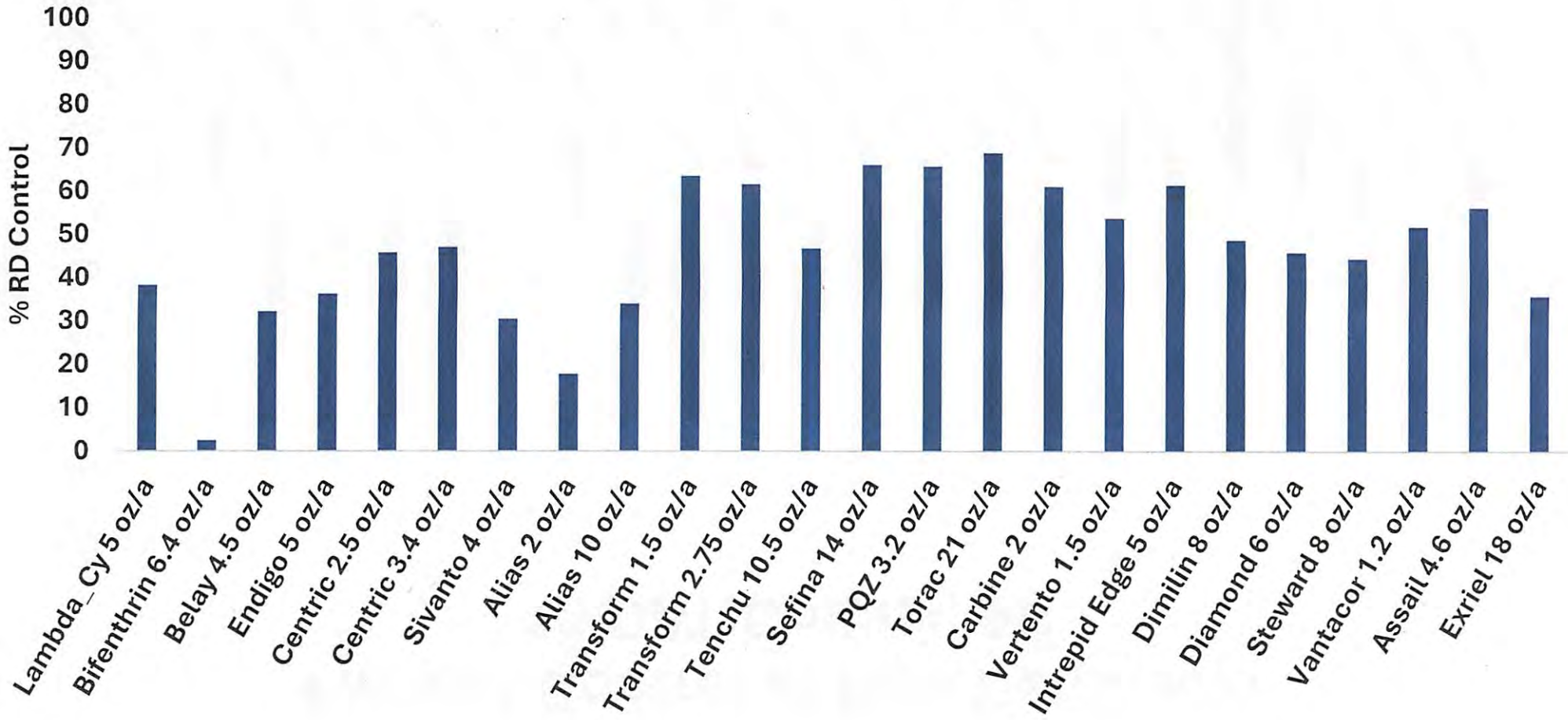
Issues in Arkansas

Issues in Arkansas

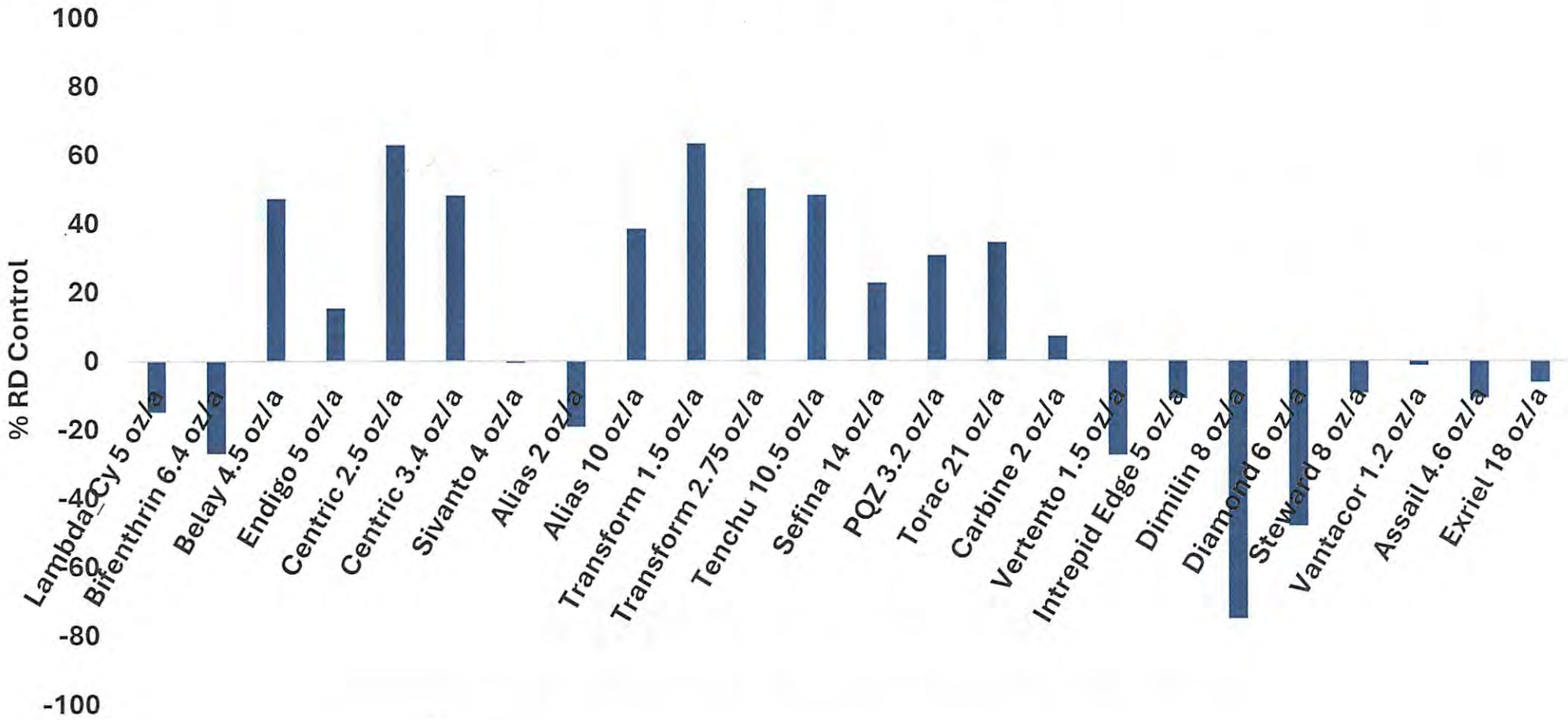
Percent Control of Rice Delphacid
4 DAT-Collins, AR



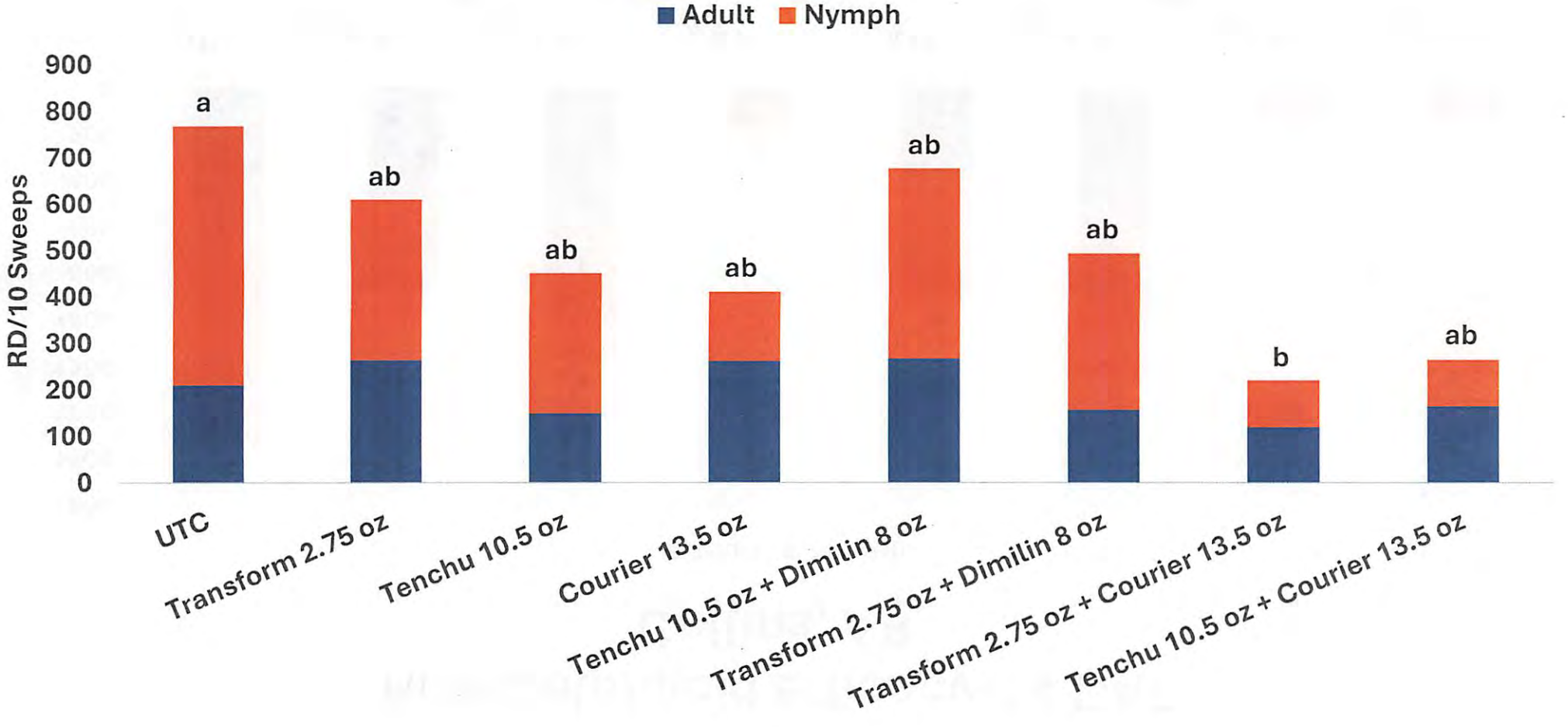
Percent Control of Rice Delphacid
7 DAT-Collins, AR



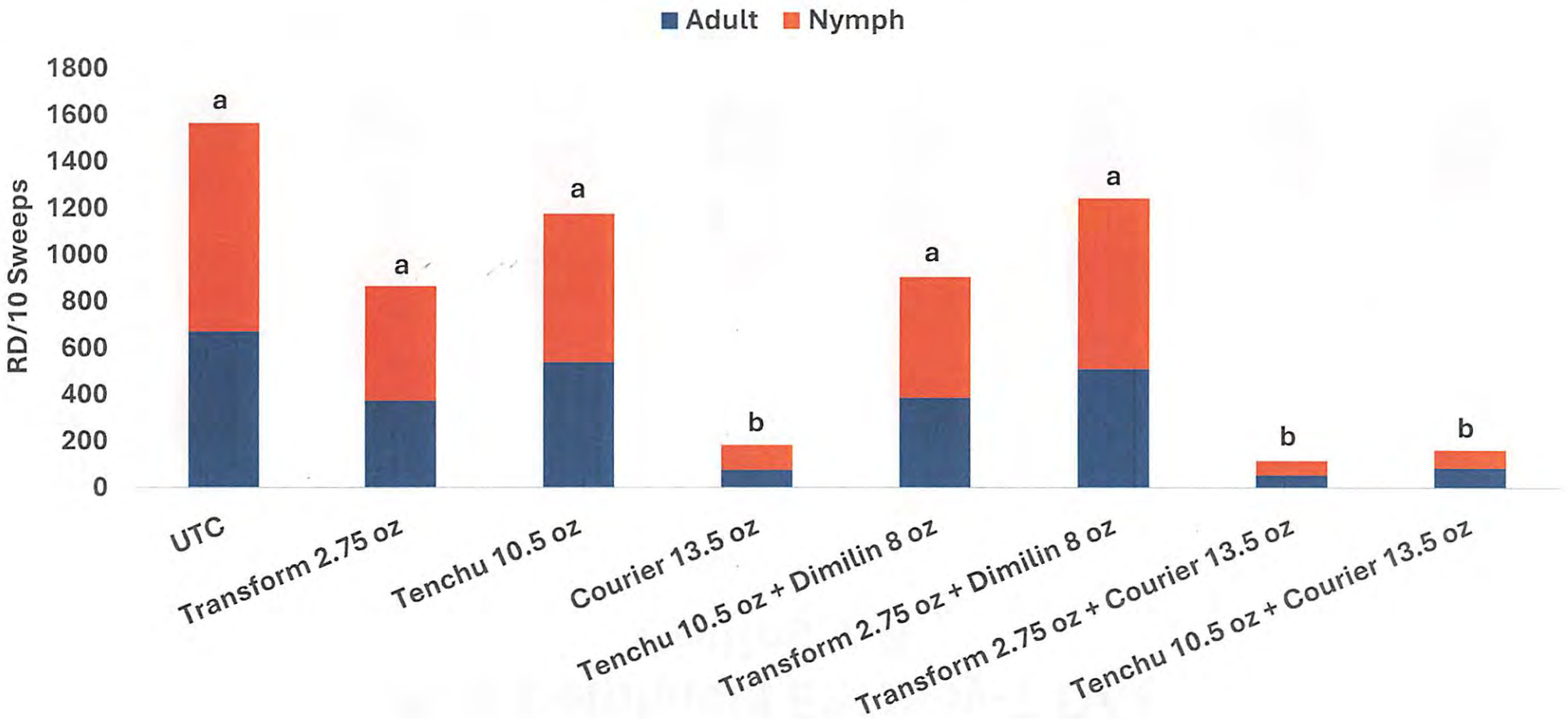
Percent Control of Rice Delphacid
10 DAT-Collins, AR



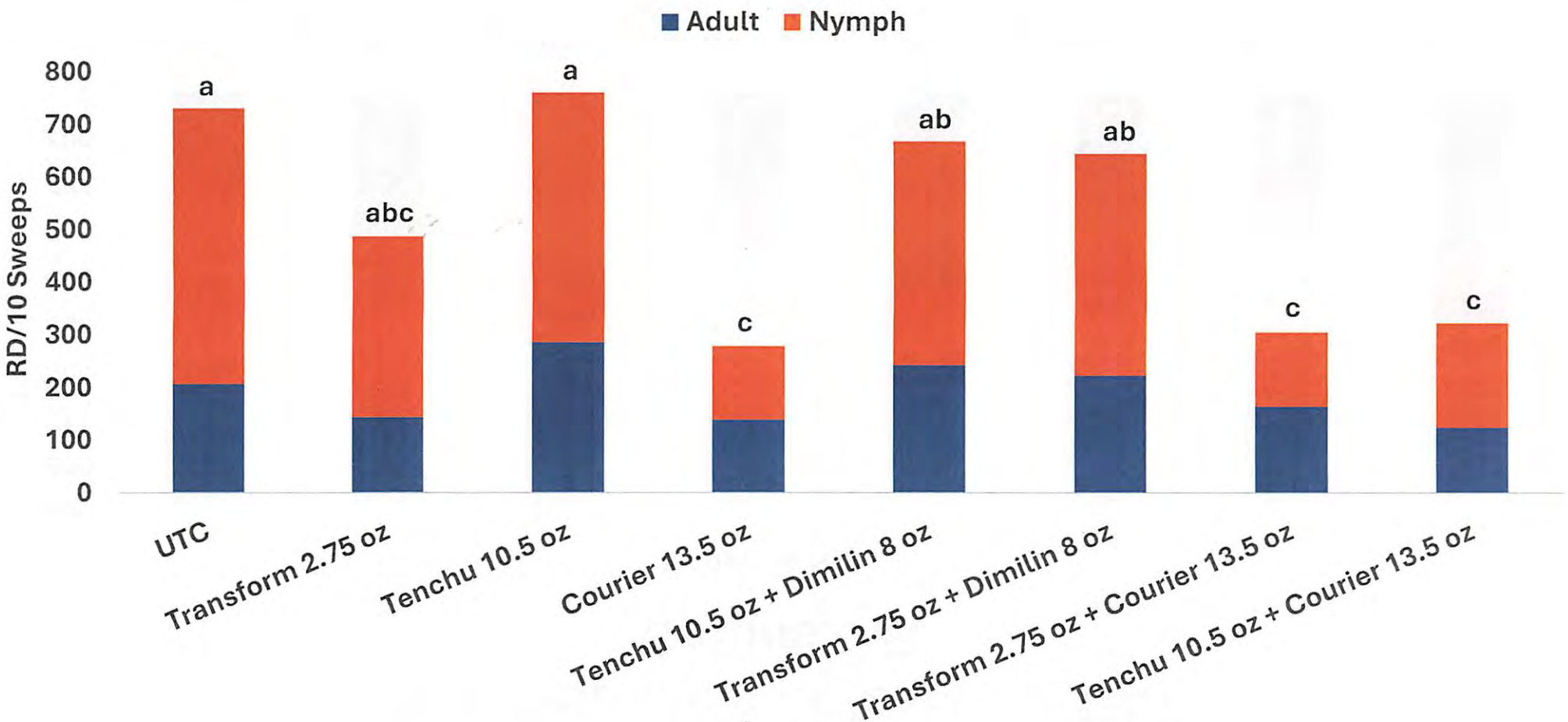
Rice Delphacid Efficacy-7 DAT
Collins, AR



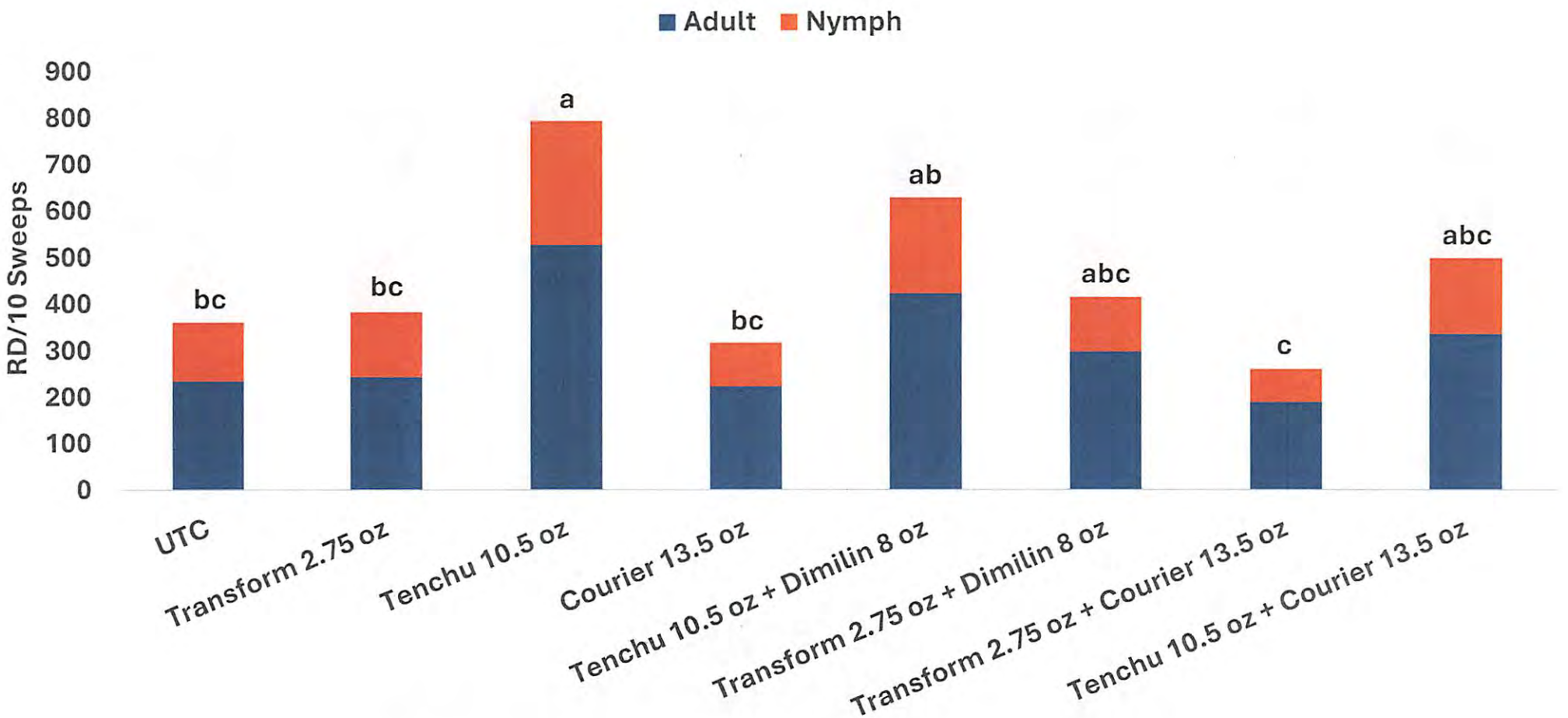
Rice Delphacid Efficacy-14 DAT
Collins, AR



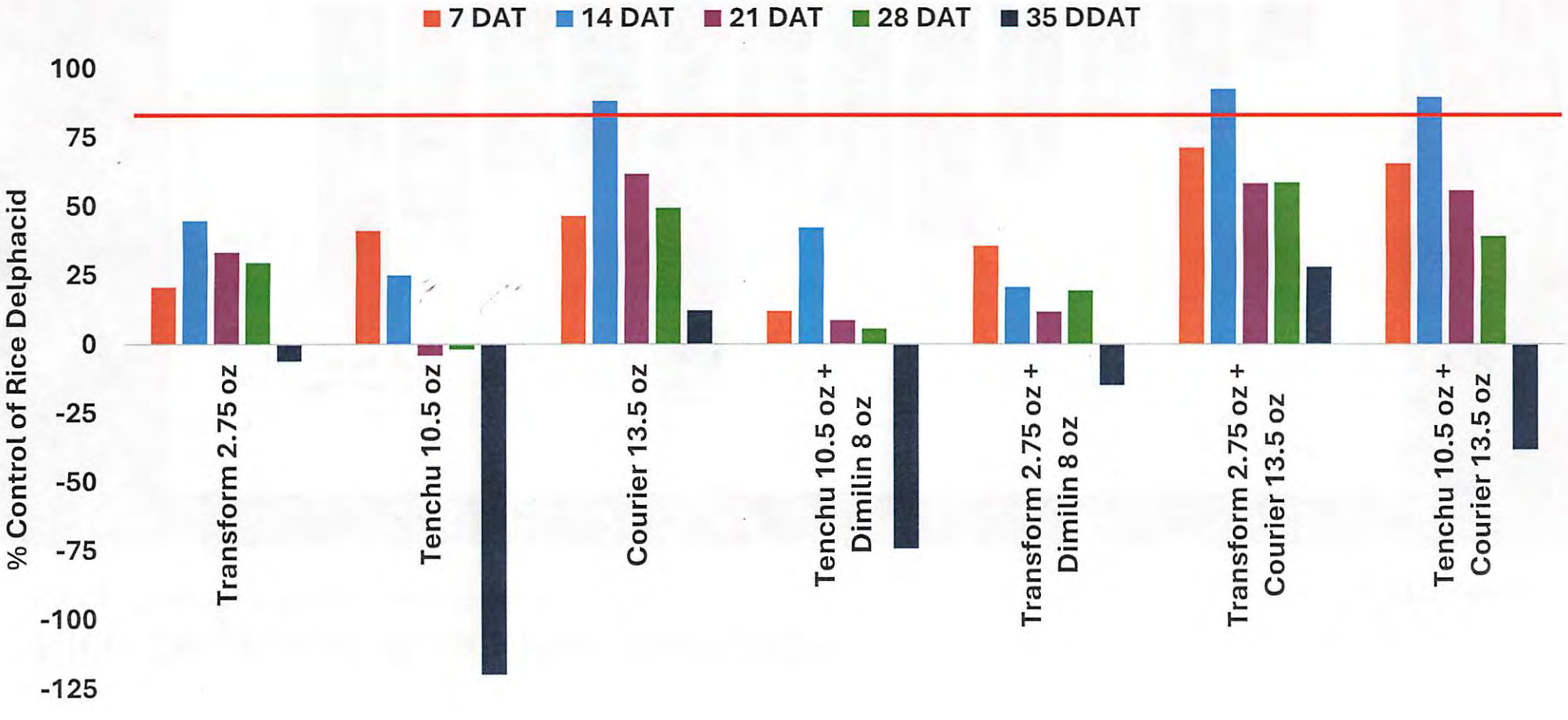
Rice Delphacid Efficacy-21 DAT
Collins, AR



Rice Delphacid Efficacy-35 DAT
Collins, AR



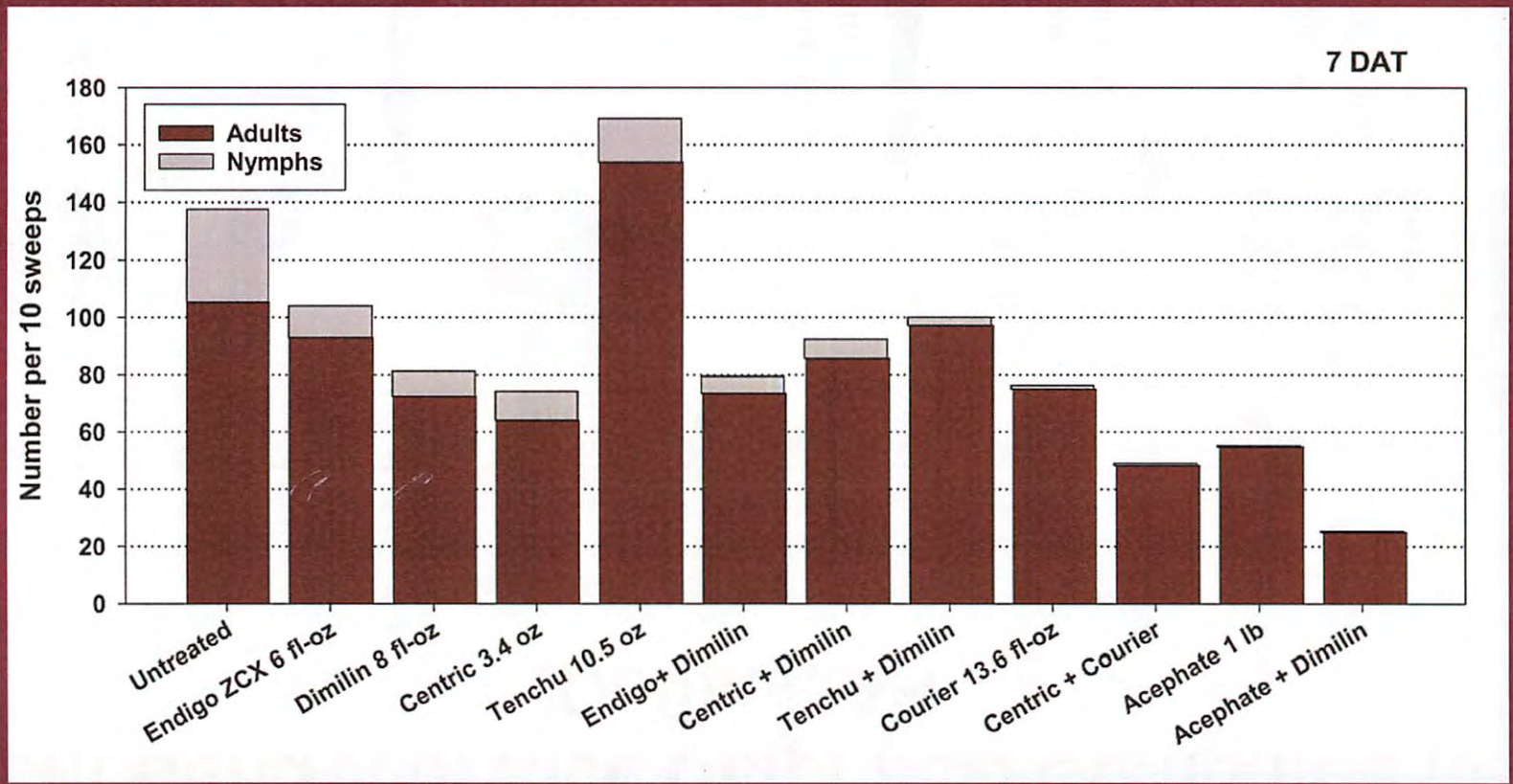
Percent Control of Rice Delphacid Compared to UTC
Collins, AR

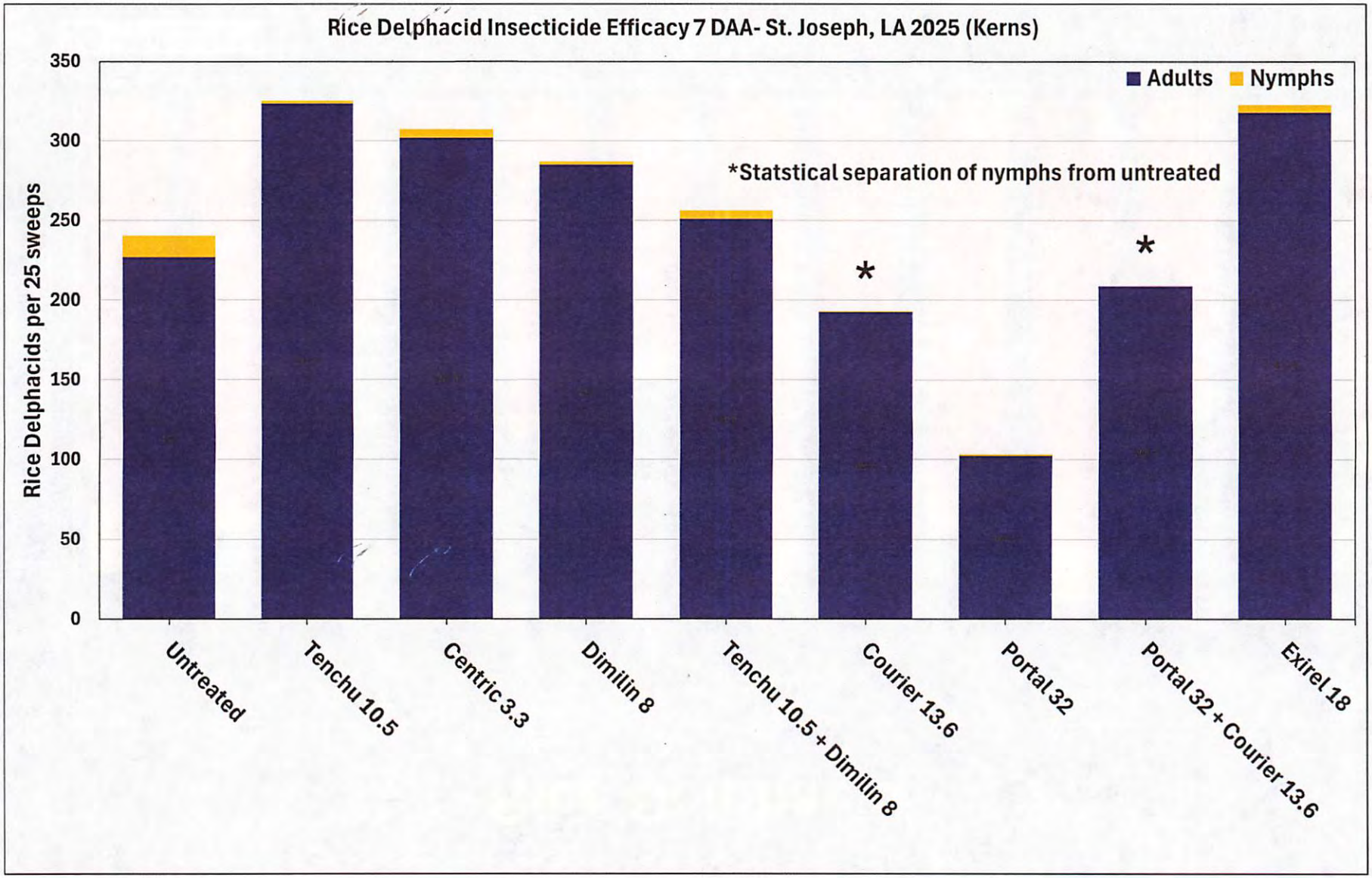


Rice Delphacid Small Plot Trial 2025

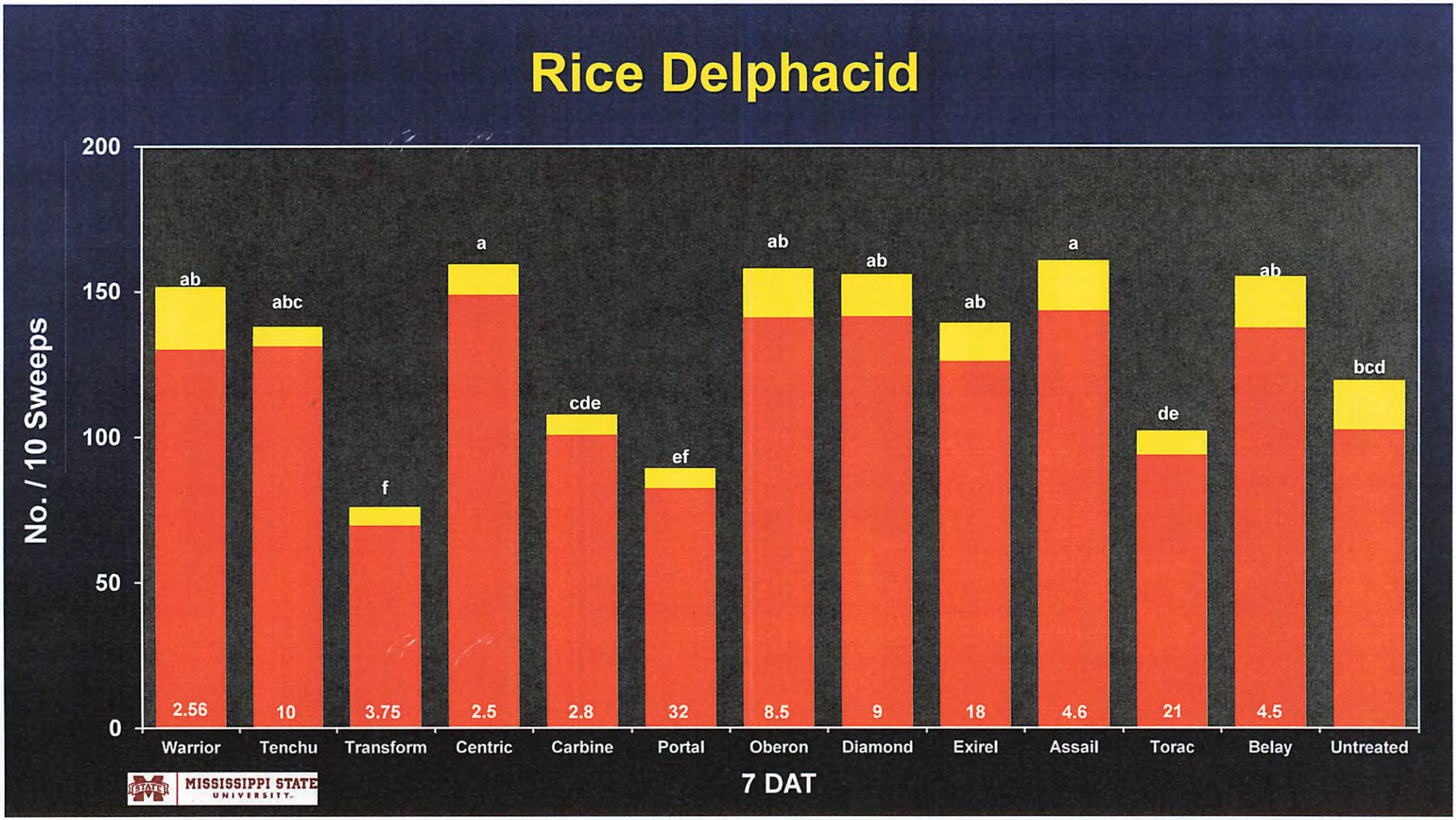
Kerns, Rustom & Ross, East Bernard, TX

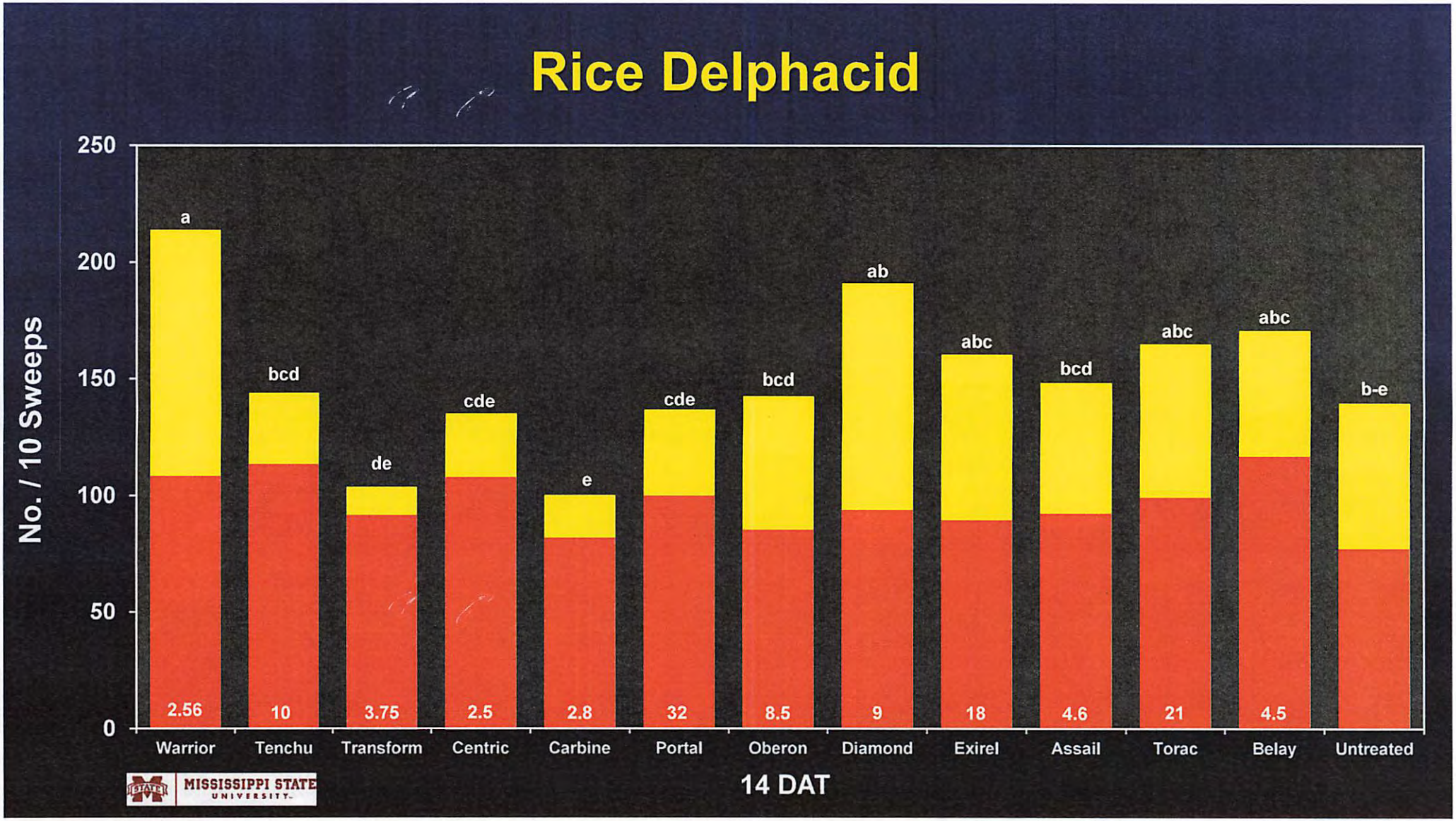
TEXAS A&M AGRILIFE EXTENSION



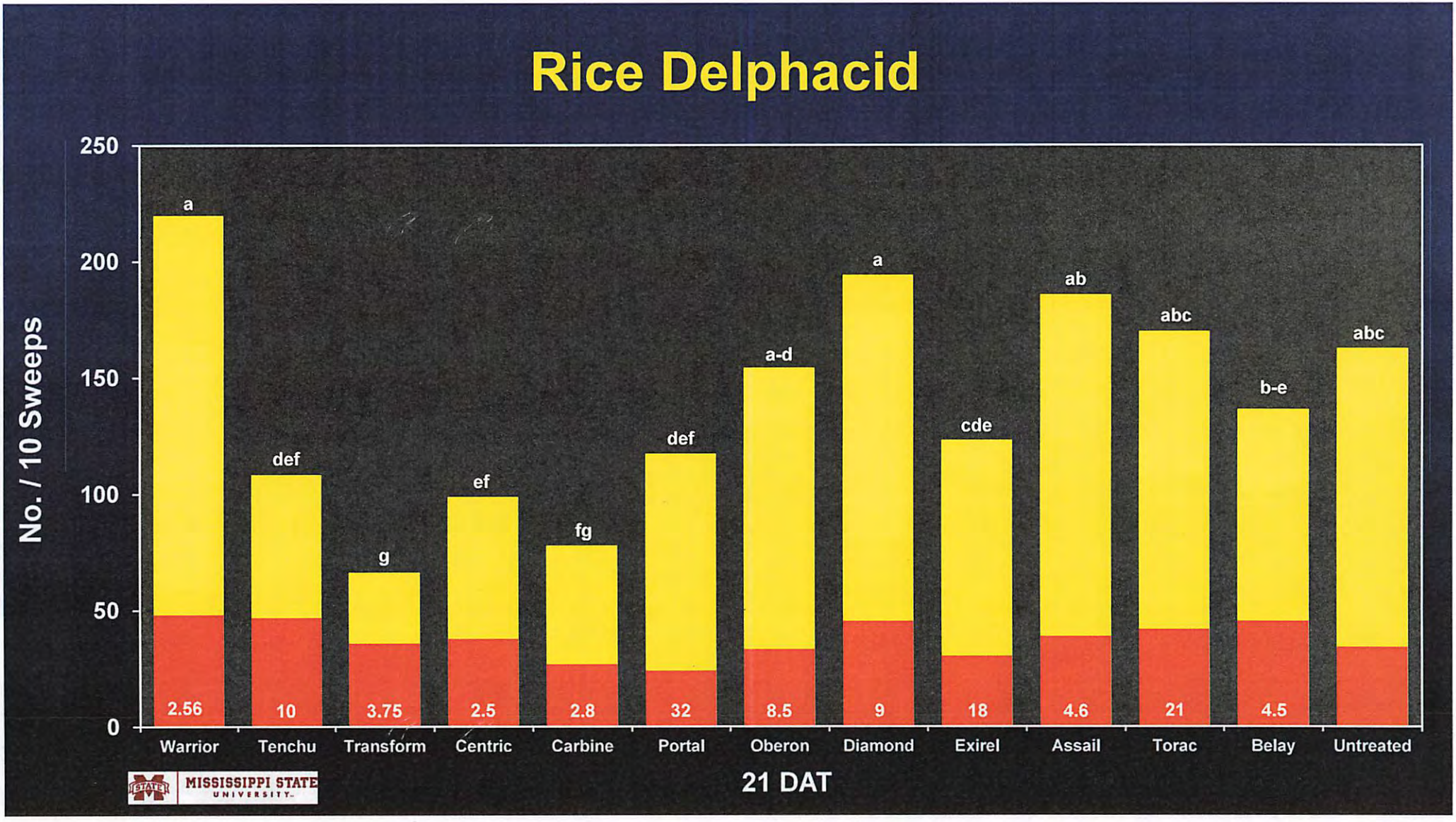

Rice Delphacid Insecticide Efficacy 7 DAA- St. Joseph, LA 2025 (Kerns)
Rice Delphacids per 25 sweeps
350
300
250
200
150
100
50
0
Adults
Nymphs
*Statstical separation of nymphs from untreated
*
*
Untreated
Tenchu 10.5
Centric 3.3
Dimilin 8
Tenchu 10.5 + Dimilin 8
Courier 13.6
Portal 32
Portal 32 + Courier 13.6
Exirel 18

Rice Delphacid

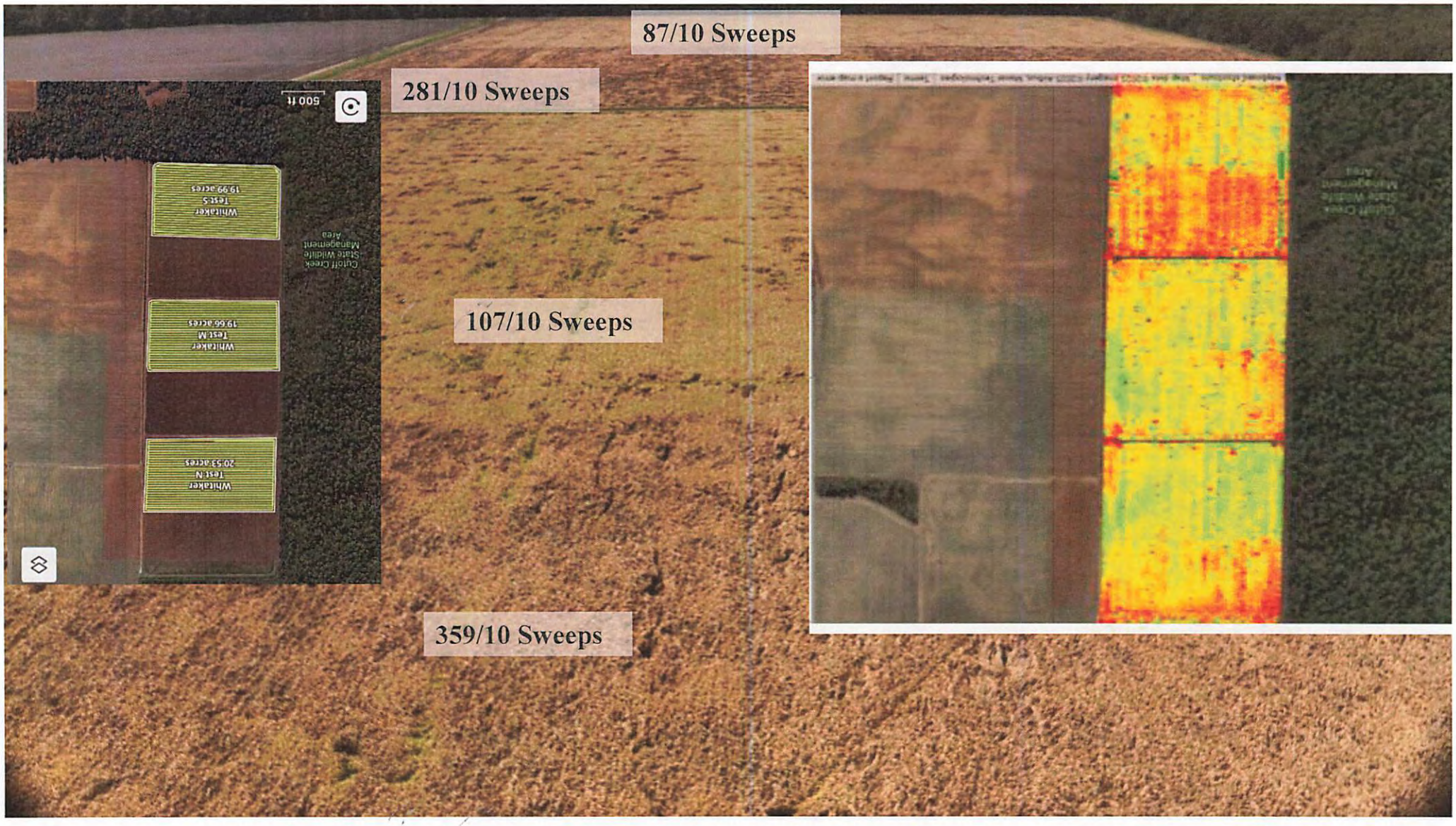


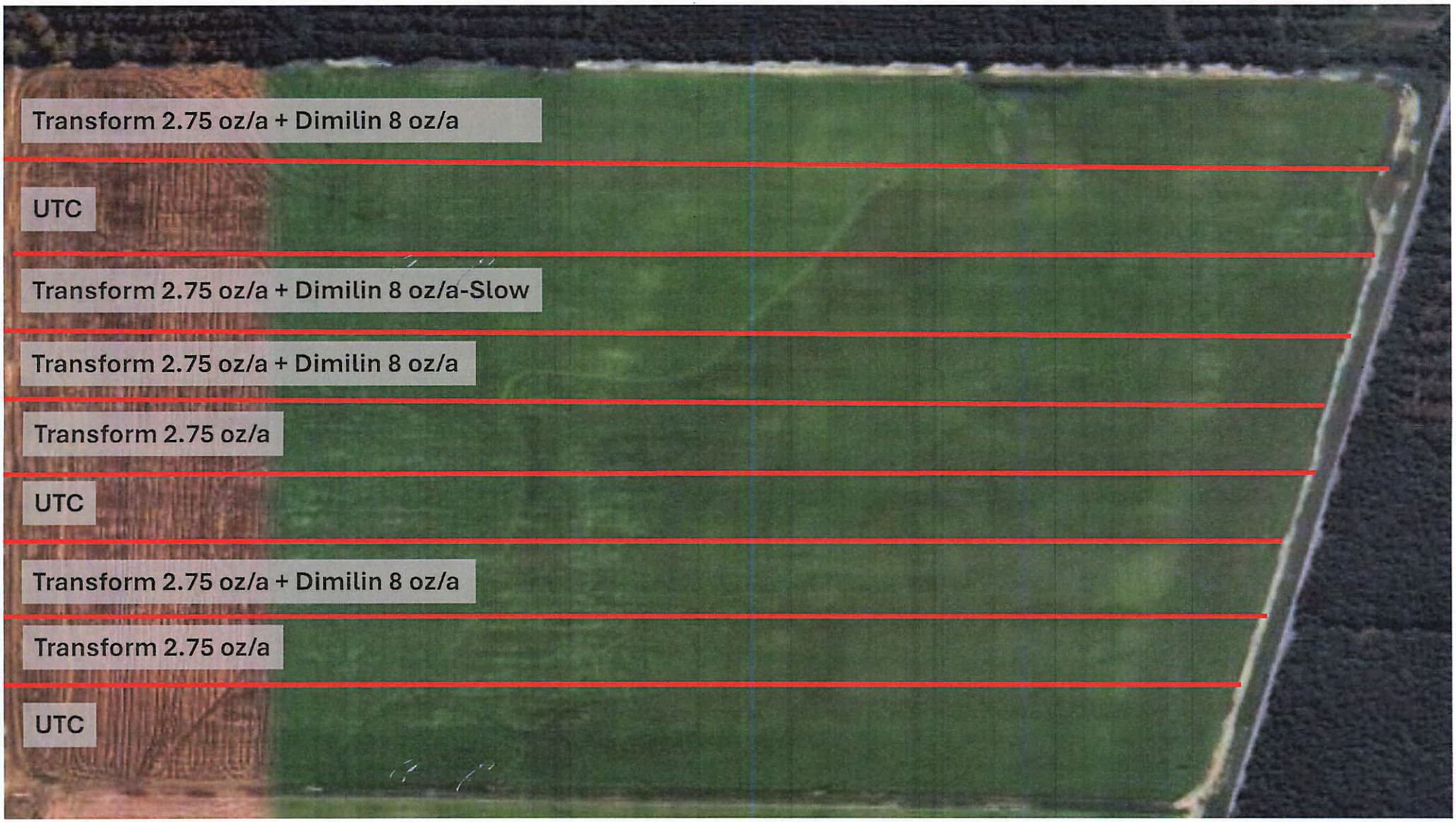

Rice Delphacid
No. / 10 Sweeps
250
200
150
100
50
0
a
bcd
de
cde
e
cde
bcd
ab
abc
bcd
abc
abc
b-e
2.56
10
3.75
2.5
2.8
32
8.5
9
18
4.6
21
4.5
Warrior
Tenchu
Transform
Centric
Carbine
Portal
Oberon
Diamond
Exirel
Assail
Torac
Belay
Untreated
14 DAT
MISSISSIPPI STATE UNIVERSITY

Rice Delphacid



Termination Test


87/10 Sweeps
281/10 Sweeps
107/10 Sweeps
359/10 Sweeps
500 ft
Whitaker
Test S
19.99 acres
Whitaker
Test M
19.66 acres
Whitaker
Test N
20.53 acres
Cutoff Creek
State Wildlife
Management
Area


Transform 2.75 oz/a + Dimilin 8 oz/a
UTC
Transform 2.75 oz/a + Dimilin 8 oz/a-Slow
Transform 2.75 oz/a + Dimilin 8 oz/a
Transform 2.75 oz/a
UTC
Transform 2.75 oz/a + Dimilin 8 oz/a
Transform 2.75 oz/a
UTC

	% RD Control				Yield	
Treatment	4 DAT	7 DAT	10 DAT	14 DAT	Bu/ac	% Diff
UTC					140.1	
Transform 2.75 oz/a	46.8	35.7	65.7	59.0	140.5	0.2%
Transform 2.75 oz/a + Dimilin 8 oz/a	22.2	18.5	51.2	49.4	150.0	7.4%
Transform 2.75 oz/a + Dimilin 8 oz/a-Slow	68.1	71.0	86.0	83.7	155.7	11.1%

Rice Delphacid in 2026

- Will they overwinter?
  - Rye sentinel plots
- Control Options/ID
  - Tenchu/Transform
  - Section 18 for Courier?
- Thresholds
  - 25-35/10 Sweeps?
  - Start scouting around boot
  - Potential for yield/quality loss?
- Planting Date and Cultivar?
  - Hybrid moderately resistant?
- A lot of missing information
  - Rice Delphacid Task Force

UofA DIVISION OF AGRICULTURE RESEARCH & EXTENSION University of Arkansas System

TEXAS A&M AGRILIFE EXTENSION

LSU AgCenter Research · Extension · Teaching

MISSISSIPPI STATE UNIVERSITY

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Attachment 4

Rice Milling Quality Studies 2025

G & H Associates

Factors Affecting Rice Milling Quality

- Rice Genetics
- Planting Date / Emergence Date
- Grain Moisture
- Sodium Chlorate
- Insects & Disease
- Enviornment
  - Rainfall, Humidity, Fog, Temperatures, Storms (Lodging)

2024 Rice Milling Quality

- Riceland and Producers average milling quality 49/69
- Par milling 55/70
- Estimated rice value $6.78/bu
- Estimated state average rice yield 169 bu
- Estimated rice acreage 1.43 million acres

2024 Rice Milling Quality

- Based on par milling and estimated rice yields and acreage Arkansas rice industry lost over $142,000,000.
- Other losses from reduced by-product prices and additional operating costs are estimated at over $40,000,000.
- Total economic loss over $182,000,000.

2025 Rice Milling Quality

- Riceland and Producers average milling quality 50/68

2025 Rice Milling Quality

- Proposed rice research studies.
  - Rice genetics, planting dates, multiple harvest dates (harvest moisture), agronomic treatments applied at late boot – early heading (fungicides, insecticides, PGR's, foliar fertilizers, etc.)

Rice Variety x Planting Date 2025

- Two In-Bred Varieties & Two Hybrids
- Two Planting Dates
- Multiple Harvest Timings
- No Agronomic Impacts (All rice managed the same)
- Yield, Grain Moisture Content, Milling Quality over time and environment

Planting Date #1
Rice Variety x Planting Date

- Planted April 14, 2025
- Emergence April 22, 2025
- Standard Maintenance & Fertility
- Flood establishment May 30, 2025
- 7 Harvest timings beginning August 18 through September 22
- Plot size same for all plots, 4.375 x 15 ft.
- Harvested with Wintersteiger Combine

Planting Date #1 (April 14)
DG263L

Harvest Date	Grain Yield (Bu/Acre)	Grain Moisture (%)	Head Rice (%)	Total Rice (%)
8/18/25	163 d	16.3 a	52.0 ab	64.2 b
8/22/25	157 d	13.4 b	54.5 a	64.3 b
8/25/25	152 d	12.2 d	50.5 b	65.7 a
9/4/25	186 c	11.6 e	31.0 cd	60.2 c
9/9/25	197 bc	11.9 de	31.8 c	59.3 cd
9/16/25	209 a	9.9 f	25.3 e	58.5 d
9/22/25	202 ab	12.7 c	27.7 de	60.2 c

6 Replications, LSD P=.10
Rainfall (in) 8/25 = 0.11, 8/26 = 0.23, 8/28 = 5.1, 9/3 = 1.1, 9/6 = 0.54

Planting Date #1 (April 14) Ozark

Harvest Date	Grain Yield (Bu/Acre)	Grain Moisture (%)	Head Rice (%)	Total Rice (%)
8/18/25	138 c	17.1 a	46.3 a	66.3 a
8/22/25	150 b	14.1 b	45.2 a	66.7 a
8/25/25	149 b	12.7 c	36.5 b	67.8 a
9/4/25	174 a	12.6 c	26.2 c	61.2 b
9/9/25	169 a	12.5 c	20.3 d	56.8 c
9/16/25	174 a	10.6 d	16.7 e	55.0 c
9/22/25	169 a	12.5 c	12.3 f	52.0 d

6 Replications, LSD P=.10
Rainfall (in) 8/25 = 0.11, 8/26 = 0.23, 8/28 = 5.1, 9/3 = 1.1, 9/6 = 0.54

Planting Date #1 (April 14)
RT3202 (Rice Tec Med. Grain Hybrid)

Harvest Date	Grain Yield (Bu/Acre)	Grain Moisture (%)	Head Rice (%)	Total Rice (%)
8/18/25	197 de	16.4 a	51.5 a	68.7 a
8/22/25	232 a	12.5 b	37.7 b	68.2 a
8/25/25	185 e	12.1 bc	38.5 b	68.3 a
9/4/25	217 b	11.6 d	23.3 cd	63.7 b
9/9/25	215 bc	11.7 cd	22.5 cd	62.5 b
9/16/25	204 cd	9.3 e	23.8 c	63.0 b
9/22/25	200 d	11.5 d	19.5 d	61.2 c

6 Replications, LSD P=.10
Rainfall (in) 8/25 = 0.11, 8/26 = 0.23, 8/28 = 5.1, 9/3 = 1.1, 9/6 = 0.54

Planting Date #1 (April 14)
RT7421FP (Rice Tec LG FP Hybrid)

Harvest Date	Grain Yield (Bu/Acre)	Grain Moisture (%)	Head Rice (%)	Total Rice (%)
8/18/25	211 c	15.4 a	44.2 a	66.5 b
8/22/25	242 a	11.6 b	44.0 a	67.2 ab
8/25/25	222 b	11.5 bc	39.0 b	68.2 a
9/4/25	222 b	10.9 d	23.7 c	62.7 c
9/9/25	242 a	11.0 cd	24.3 c	61.5 c
9/16/25	221 b	8.9 e	18.3 d	59.8 d
9/22/25	205 c	11.0 cd	18.2 d	59.5 d

6 Replications, LSD P=.10
Rainfall (in) 8/25 = 0.11, 8/26 = 0.23, 8/28 = 5.1, 9/3 = 1.1, 9/6 = 0.54

Planting Date #2
Rice Variety x Planting Date

- Planted June 4, 2025 (Planted later than planned due to rainfall in May)
- Emergence June 10, 2025
- Standard Maintenance & Fertility
- Flood establishment July 4, 2025
- 3 Harvest timings beginning October 3 through October 24
- Plot size same for all plots, 4.375 x 15 ft.
- Harvested with Wintersteiger Combine

Planting Date #2 (June 4)
DG263L

Harvest Date	Grain Yield (Bu/Acre)	Grain Moisture (%)	Head Rice (%)	Total Rice (%)
10/3/25	187 c	19.2 a	59.8 a	67.7
10/14/25	195 b	15.4 b	57.7 a	67.0
10/24/25	214 a	15.0 b	53.3 b	68.3

6 Replications, LSD P=.10
Rainfall (in) 9/24 = 0.41, 10/6 = 0.92, 10/7 = 0.01, 10/18 = 1.0, 10/19 = 0.01, 10/21 = 0.02

Planting Date #2 (June 4) Ozark

Harvest Date	Grain Yield (Bu/Acre)	Grain Moisture (%)	Head Rice (%)	Total Rice (%)
10/3/25	161 c	23.8 a	58.7 b	69.2 c
10/14/25	184 b	18.0 b	63.0 a	72.0 a
10/24/25	213 a	17.6 b	58.0 b	70.7 b

6 Replications, LSD P=.10
Rainfall (in) 9/24 = 0.41, 10/6 = 0.92, 10/7 = 0.01, 10/18 = 1.0, 10/19 = 0.01, 10/21 = 0.02

Planting Date #2 (June 4)
RT3202 (Rice Tec Med. Grain Hybrid)

Harvest Date	Grain Yield (Bu/Acre)	Grain Moisture (%)	Head Rice (%)	Total Rice (%)
10/3/25	252	16.3 a	62.8 a	70.8 ab
10/14/25	250	14.4 b	56.7 b	69.7 b
10/24/25	256	14.6 b	47.7 c	71.7 a

6 Replications, LSD P=.10
Rainfall (in) 9/24 = 0.41, 10/6 = 0.92, 10/7 = 0.01, 10/18 = 1.0, 10/19 = 0.01, 10/21 = 0.02

Planting Date #2 (June 4)
RT7421FP (Rice Tec LG FP Hybrid)

Harvest Date	Grain Yield (Bu/Acre)	Grain Moisture (%)	Head Rice (%)	Total Rice (%)
10/3/25	208 b	20.4 a	54.7 a	69.8 b
10/14/25	224 a	16.1 b	55.7 a	71.0 a
10/24/25	226 a	14.6 c	50.7 b	71.3 a

6 Replications, LSD P=.10
Rainfall (in) 9/24 = 0.41, 10/6 = 0.92, 10/7 = 0.01, 10/18 = 1.0, 10/19 = 0.01, 10/21 = 0.02

Rice Variety x AgronomicTreatments

- Two In-Bred Varieties & Two Hybrids
- Two Planting Dates
- Single Harvest Timing
- All rice managed the same way except for treatments applied @ early heading
- Yield & Milling Quality

Rice Variety x AgronomicTreatments Planting Date #1

- Planting Date April 14, 2025
- DG263L, Ozark, RT3202, RT7421FP
- Emergence April 22, 2025
- Flood establishment May 30, 2025
- Harvested with Wintersteiger Combine

Rice Variety x AgronomicTreatments

- Untreated Check
- Amistar Top Fungicide @ 15 floz/A
- Tenchu insecticide @ 0.5 lb/A
- Amistar Top + Tenchu
- Biomaster (Brandt)
- Phycoterra FXX Plant Food
- EXP MQI
- EXP SB
- Concept Foliar RX
- Concept Total 10
- Finish Line (NACHURS)

Planting Date #1 (April 14)
DG263L (Dyna-Gro Long Grain)

Standard Treatments

Treatment	Yield Bu/A	Head Rice %	Total Rice %
Untreated	153	53.8	64.8
Amistar Top	148	54.2	64.7
Tenchu	142	52.8	64.7
Amistar Top + Tenchu	160	55.3	65.0

Treatments (Amistar Top + Tenchu) +	Yield Bu/A	HR %	TR %
Biomaster @ 1 qt	143	56.8	64.8
Phycoterra FXX PF @ 8 oz	139	56.0	65.5
EXP MQI @ 1 gal	142	56.0	64.2
EXP MQI @ 0.5 gal	159	55.0	64.3
EXP MQI @ 1 gal + EXP SB @ 1 qt	161	53.3	64.2
EXP MQI @ 0.5 gal + EXP SB @ 1 qt	147	55.2	64.3
Foliar RX @ 1 qt	159	55.7	64.5
Finish Line @ 1 qt	162	54.3	64.3
Concept Total 10 @ 2 gal (CT 10)	150	53.2	64.0
Foliar RX + CT 10	161	54.2	64.8
Finish Line + CT 10	160	54.2	65.0

Planting Date #1 (April 14)
Ozark

Standards Treatments

Treatment	Yield Bu/A	Head Rice %	Total Rice %
Untreated	193	48.3	68.8
Amistar Top	219	49.3	69.0
Tenchu	218	46.5	69.0
Amistar Top + Tenchu	207	47.7	68.8

Treatments (Amistar Top + Tenchu) +	Yield Bu/A	HR %	TR %
Biomaster @ 1 qt	225	49.2	69.3
Phycoterra FXX PF @ 8 oz	223	48.2	69.5
EXP MQI @ 1 gal	225	50.0	69.7
EXP MQI @ 0.5 gal	203	48.0	68.0
EXP MQI @ 1 gal + EXP SB @ 1 qt	202	48.5	68.7
EXP MQI @ 0.5 gal + EXP SB @ 1 qt	214	47.5	68.7
Foliar RX @ 1 qt	204	45.2	68.5
Finish Line @ 1 qt	206	50.3	68.7
Concept Total 10 @ 2 gal (CT 10)	200	49.8	69.7
Foliar RX + CT 10	213	47.0	69.0
Finish Line + CT 10	212	46.3	68.5

Planting Date #1 (April 14)
RT3202 (Rice Tec Med. Grain Hybrid)

Standard Treatments

Treatment	Yield Bu/A	Head Rice %	Total Rice %
Untreated	205	43.3	67.8
Amistar Top	203	51.8	66.8
Tenchu	201	49.0	68.7
Amistar Top + Tenchu	216	53.2	67.2

Treatments (Amistar Top + Tenchu) +	Yield Bu/A	HR %	TR %
Biomaster @ 1 qt	215	52.2	67.7
Phycoterra FXX PF @ 8 oz	214	53.7	67.5
EXP MQI @ 1 gal	206	54.7	68.0
EXP MQI @ 0.5 gal	210	53.8	67.7
EXP MQI @ 1 gal + EXP SB @ 1 qt	212	55.2	68.5
EXP MQI @ 0.5 gal + EXP SB @ 1 qt	210	56.2	69.0
Foliar RX @ 1 qt	205	55.0	68.3
Finish Line @ 1 qt	206	54.2	68.2
Concept Total 10 @ 2 gal (CT 10)	211	54.7	67.8
Foliar RX + CT 10	212	51.8	67.8
Finish Line + CT 10	215	53.7	68.3

Planting Date #1 (April 14)
RT7421FP (Rice Tec Long Grain FP Hybrid)

Standard Treatments

Treatment	Yield Bu/A	Head Rice %	Total Rice %
Untreated	230	45.3	68.8
Amistar Top	240	49.3	70.2
Tenchu	220	45.3	69.5
Amistar Top + Tenchu	246	49.5	69.8

Treatments (Amistar Top + Tenchu) +	Yield Bu/A	HR %	TR %
Biomaster @ 1 qt	244	50.7	69.7
Phycoterra FXX PF @ 8 oz	247	49.8	70.0
EXP MQI @ 1 gal	249	49.0	69.8
EXP MQI @ 0.5 gal	240	50.3	70.3
EXP MQI @ 1 gal + EXP SB @ 1 qt	230	48.5	69.8
EXP MQI @ 0.5 gal + EXP SB @ 1 qt	242	49.5	69.2
Foliar RX @ 1 qt	247	51.5	70.2
Finish Line @ 1 qt	255	51.3	70.2
Concept Total 10 @ 2 gal (CT 10)	239	52.8	69.2
Foliar RX + CT 10	246	51.3	70.5
Finish Line + CT 10	255	48.8	69.8

Rice Variety x AgronomicTreatments Planting Date #2

- Planting Date June 4, 2025
- DG263L, Ozark, RT3202, RT7421FP
- Emergence June 10, 2025
- Flood establishment July 4, 2025
- Harvested with Wintersteiger Combine

Planting Date #2 (June 4)
DG263L

Standard Treatments

Treatment	Yield Bu/A	Head Rice %	Total Rice %
Untreated	186	63.7	70.0
Amistar Top	188	63.7	70.0
Tenchu	191	64.0	70.7
Amistar Top + Tenchu	195	63.7	69.3

Treatments (Amistar Top + Tenchu) +	Yield Bu/A	HR %	TR %
Biomaster @ 1 qt	192	64.0	69.7
Phycoterra FXX PF @ 8 oz	186	64.0	70.3
EXP MQI @ 1 gal	179	65.0	70.3
EXP MQI @ 0.5 gal	188	63.0	69.0
EXP MQI @ 1 gal + EXP SB @ 1 qt	184	64.3	70.3
EXP MQI @ 0.5 gal + EXP SB @ 1 qt	191	63.3	69.3
Foliar RX @ 1 qt	179	65.0	70.3
Finish Line @ 1 qt	184	64.7	70.7
Concept Total 10 @ 2 gal (CT 10)	192	64.0	69.7
Foliar RX + CT 10	185	64.0	70.3
Finish Line + CT 10	187	64.7	70.0

Planting Date #2 (June 4)
Ozark

Standard Treatments

Treatment	Yield Bu/A	Head Rice %	Total Rice %
Untreated	200	63.7	69.7
Amistar Top	197	62.3	71.3
Tenchu	199	63.0	71.7
Amistar Top + Tenchu	196	60.3	70.7

Treatments (Amistar Top + Tenchu) +	Yield Bu/A	HR %	TR %
Biomaster @ 1 qt	192	64.7	72.0
Phycoterra FXX PF @ 8 oz	199	61.0	70.7
EXP MQI @ 1 gal	190	62.7	71.0
EXP MQI @ 0.5 gal	200	61.3	71.0
EXP MQI @ 1 gal + EXP SB @ 1 qt	204	63.7	71.7
EXP MQI @ 0.5 gal + EXP SB @ 1 qt	199	64.3	72.0
Foliar RX @ 1 qt	193	63.0	71.7
Finish Line @ 1 qt	193	61.3	71.3
Concept Total 10 @ 2 gal (CT 10)	206	65.0	72.0
Foliar RX + CT 10	198	63.0	71.3
Finish Line + CT 10	198	61.7	71.3

Planting Date #2 (June 4)
RT3202 (Rice Tec Med. Grain Hybrid)

Standard Treatments

Treatment	Yield Bu/A	Head Rice %	Total Rice %
Untreated	205	63.3	70.3
Amistar Top	223	61.0	71.3
Tenchu	211	63.3	71.7
Amistar Top + Tenchu	227	65.0	71.3

Treatments (Amistar Top + Tenchu) +	Yield Bu/A	HR %	TR %
Biomaster @ 1 qt	214	63.7	70.7
Phycoterra FXX PF @ 8 oz	220	65.0	72.0
EXP MQI @ 1 gal	221	65.0	71.3
EXP MQI @ 0.5 gal	222	64.3	71.3
EXP MQI @ 1 gal + EXP SB @ 1 qt	220	64.7	71.0
EXP MQI @ 0.5 gal + EXP SB @ 1 qt	221	60.7	71.7
Foliar RX @ 1 qt	227	65.0	71.3
Finish Line @ 1 qt	222	63.3	71.0
Concept Total 10 @ 2 gal (CT 10)	216	64.0	71.0
Foliar RX + CT 10	217	64.7	71.0
Finish Line + CT 10	220	66.0	72.0

Planting Date #2 (June 4)
RT7421FP (Rice Tec Long Grain FP Hybrid)

Standard Treatments

Treatment	Yield Bu/A	Head Rice %	Total Rice %
Untreated	208	52.7	70.0
Amistar Top	205	58.7	71.0
Tenchu	201	56.3	70.7
Amistar Top + Tenchu	206	57.0	70.3

Treatments (Amistar Top + Tenchu) +	Yield Bu/A	HR %	TR %
Biomaster @ 1 qt	206	54.3	69.7
Phycoterra FXX PF @ 8 oz	204	57.0	70.7
EXP MQI @ 1 gal	205	57.3	71.3
EXP MQI @ 0.5 gal	203	57.0	71.7
EXP MQI @ 1 gal + EXP SB @ 1 qt	201	55.3	70.3
EXP MQI @ 0.5 gal + EXP SB @ 1 qt	201	55.7	70.3
Foliar RX @ 1 qt	213	55.7	70.7
Finish Line @ 1 qt	207	56.0	70.3
Concept Total 10 @ 2 gal (CT 10)	204	58.7	71.0
Foliar RX + CT 10	204	57.3	71.3
Finish Line + CT 10	199	59.3	72.0

Data Summary

- As harvest moisture decreases head rice decreases
- Fungicides & Insecticides enhances rice milling yield stability
- Data demonstrates potential for nutritional & stress relieving products help remediate grain & milling yield

The End