

A scenic sunset over a rice field. The sky is a gradient of orange, yellow, and blue. In the foreground, a large metal grain cart is positioned on the right, with a stream of rice grains falling from its spout into a vertical pipe. The field extends to a distant horizon with a line of trees under the setting sun.

# Missouri Rice Outlook

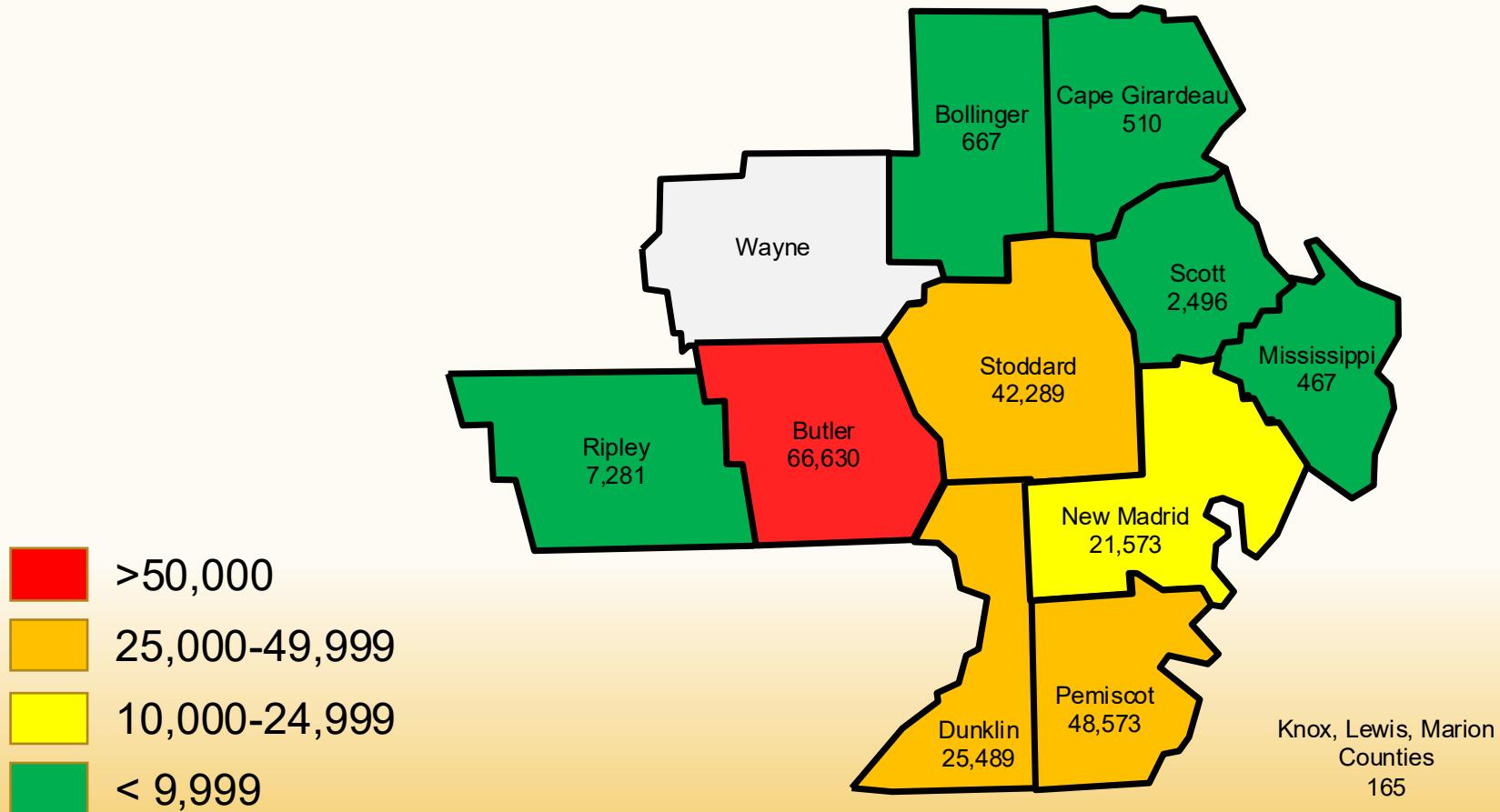
Chase Floyd  
Assistant Professor

University of Missouri Crop Protection Extension Specialist  
2025 USA Rice Outlook Conference



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# 2024 Acres

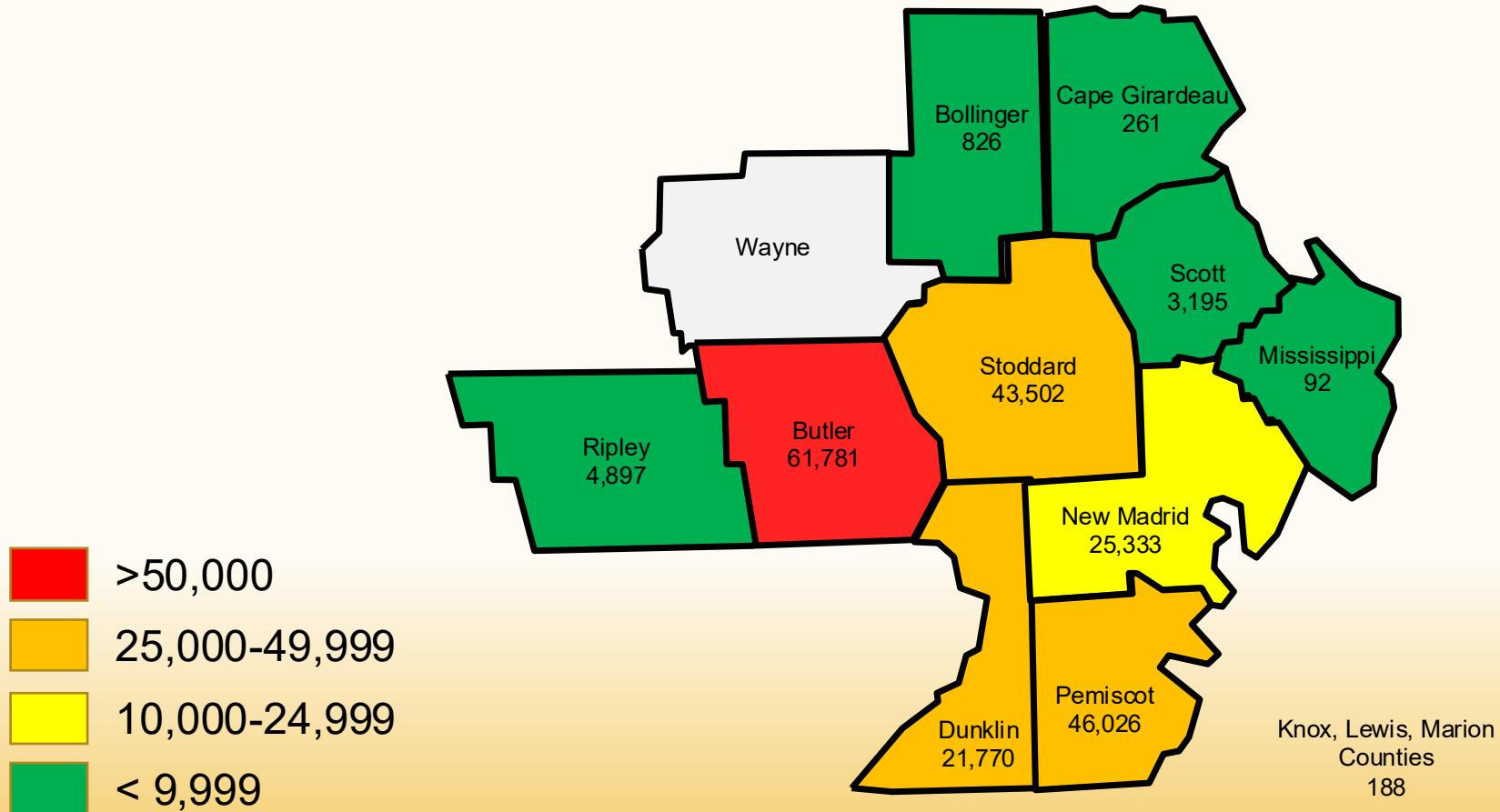


**FSA Total Planted  
Acres (Nov. 1, 2024)  
216,100**



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# 2025 Acres

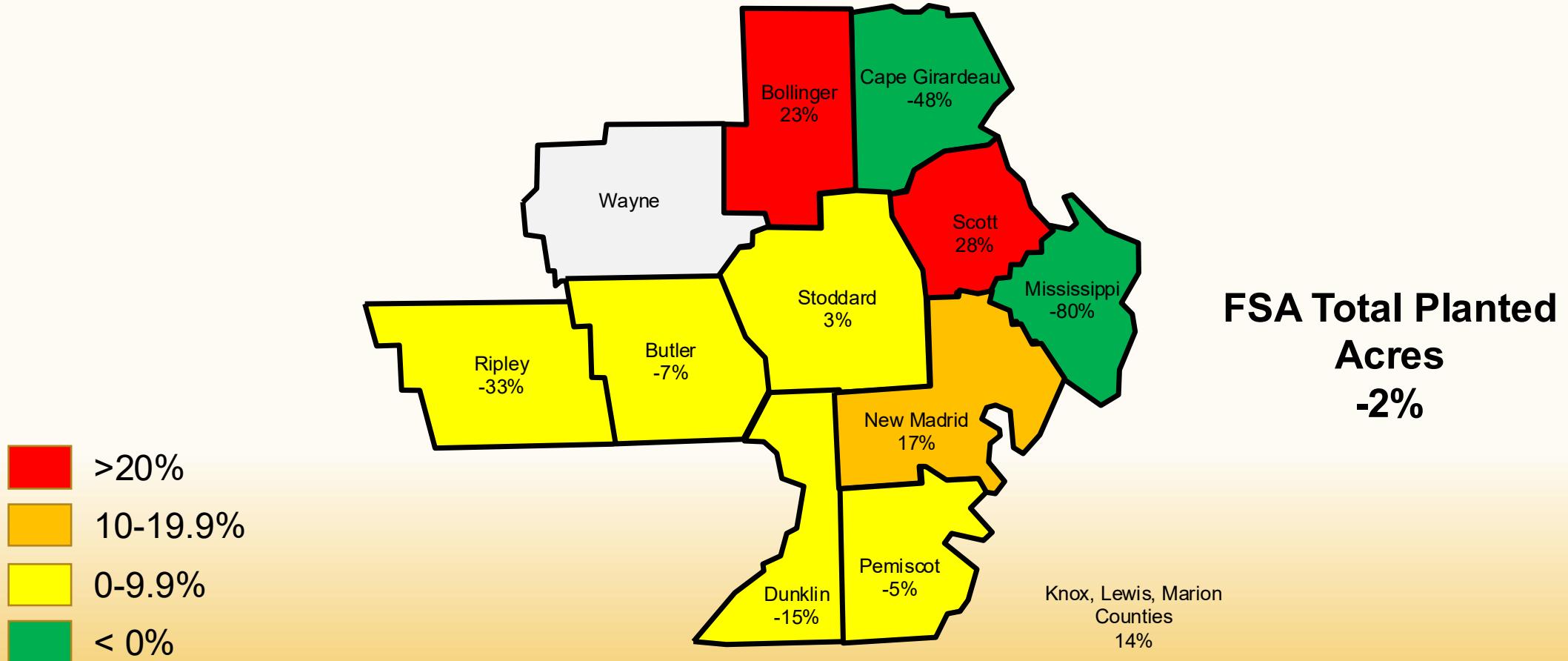


**FSA Total Planted  
Acres (Nov. 1, 2025)  
211,014**



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# Increase from 2025 Acreage

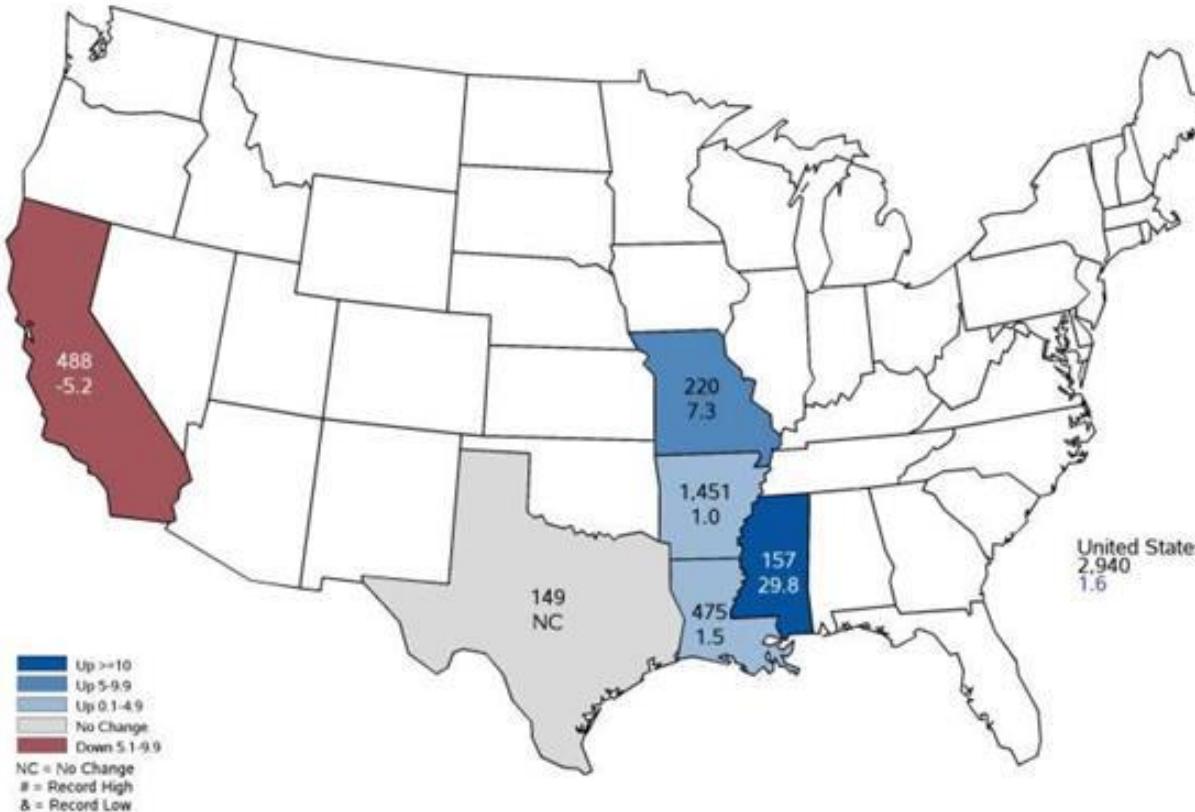


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# 2024 Rice Planted Area

(000) Acres and Percent Change from Previous Year



United States Department of Agriculture  
National Agricultural Statistics Service

September 12, 2024

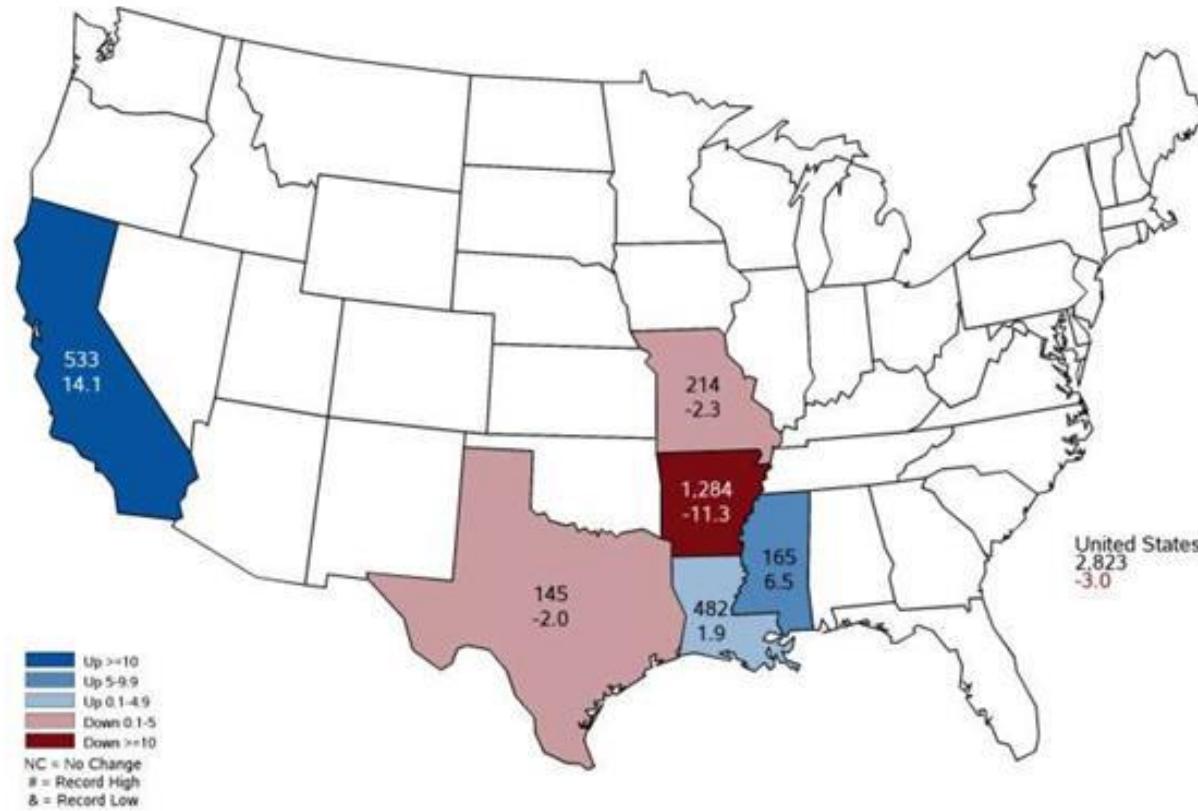


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# 2025 Rice Planted Area

(000) Acres and Percent Change from Previous Year



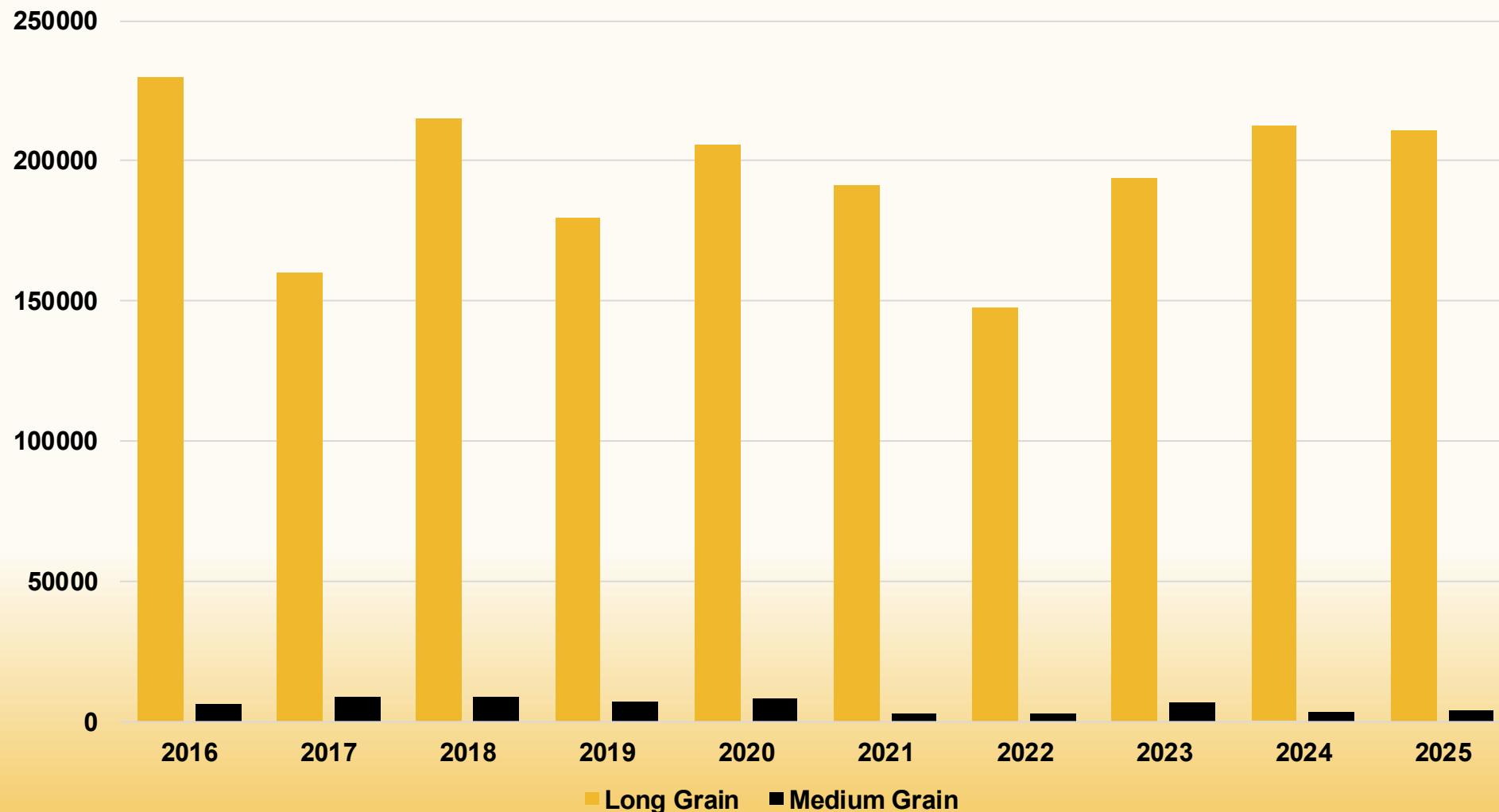
United States Department of Agriculture  
National Agricultural Statistics Service

September 12, 2025



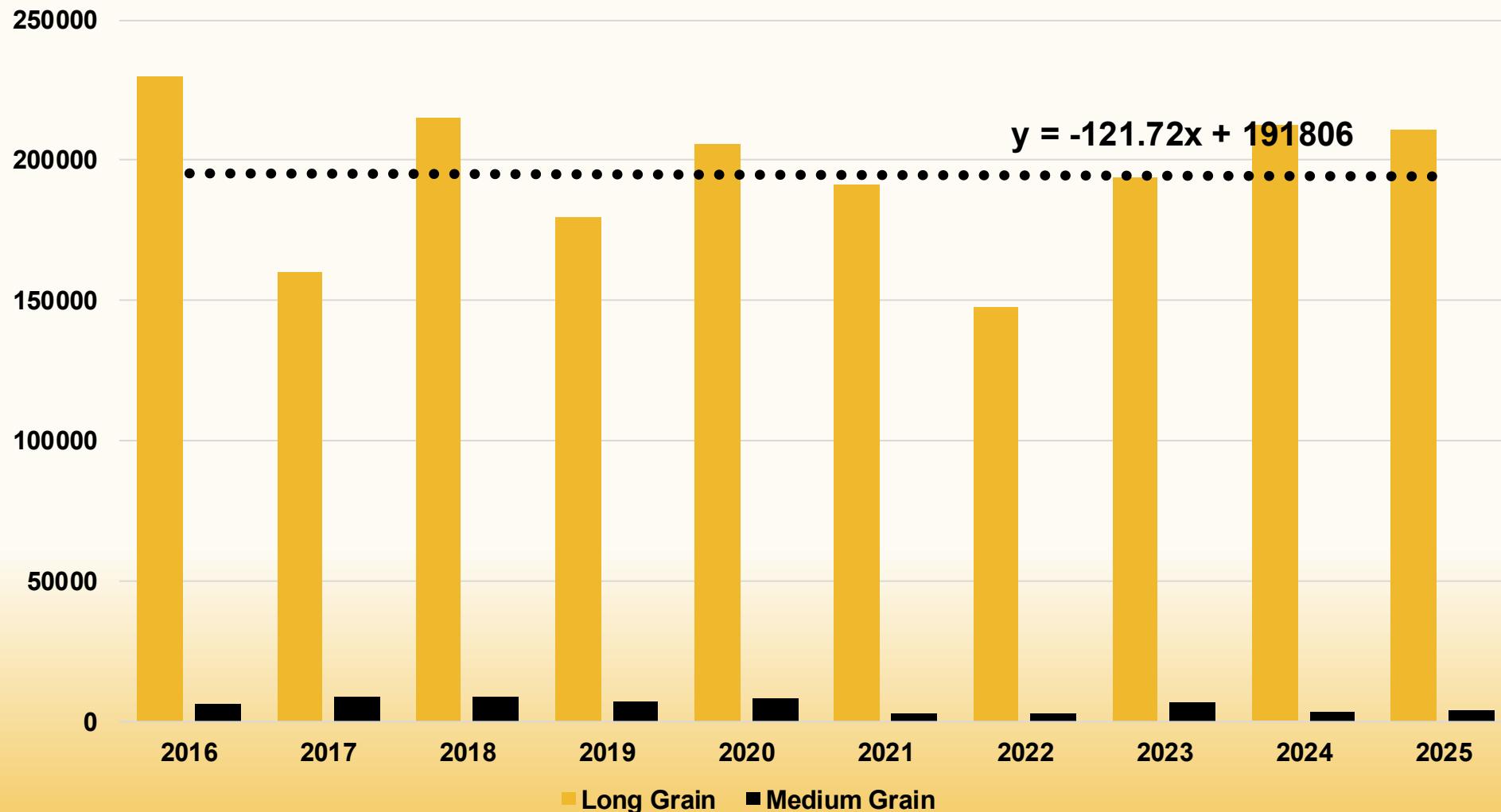
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# 10-Year Acreage



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# 10-Year Acreage



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# 2025 Season Recap

- **Wet Start**
  - **Earliest planted rice did well, later planted was slow**
- **Planting window was spread out due to heavy precipitation**
- **Limiting grain fill conditions**
  - **Multiple weeks with hot nights**



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# 2025 Season Recap

- Harvest was drawn out due to larger planting window, environment was conducive
- Grain yields were average
  - Reports of normal with some lower averages
- Rapid dry-down led to milling issues
  - Strong N wind when nearing maturity
  - Followed by 100°



# 2025 Season Recap

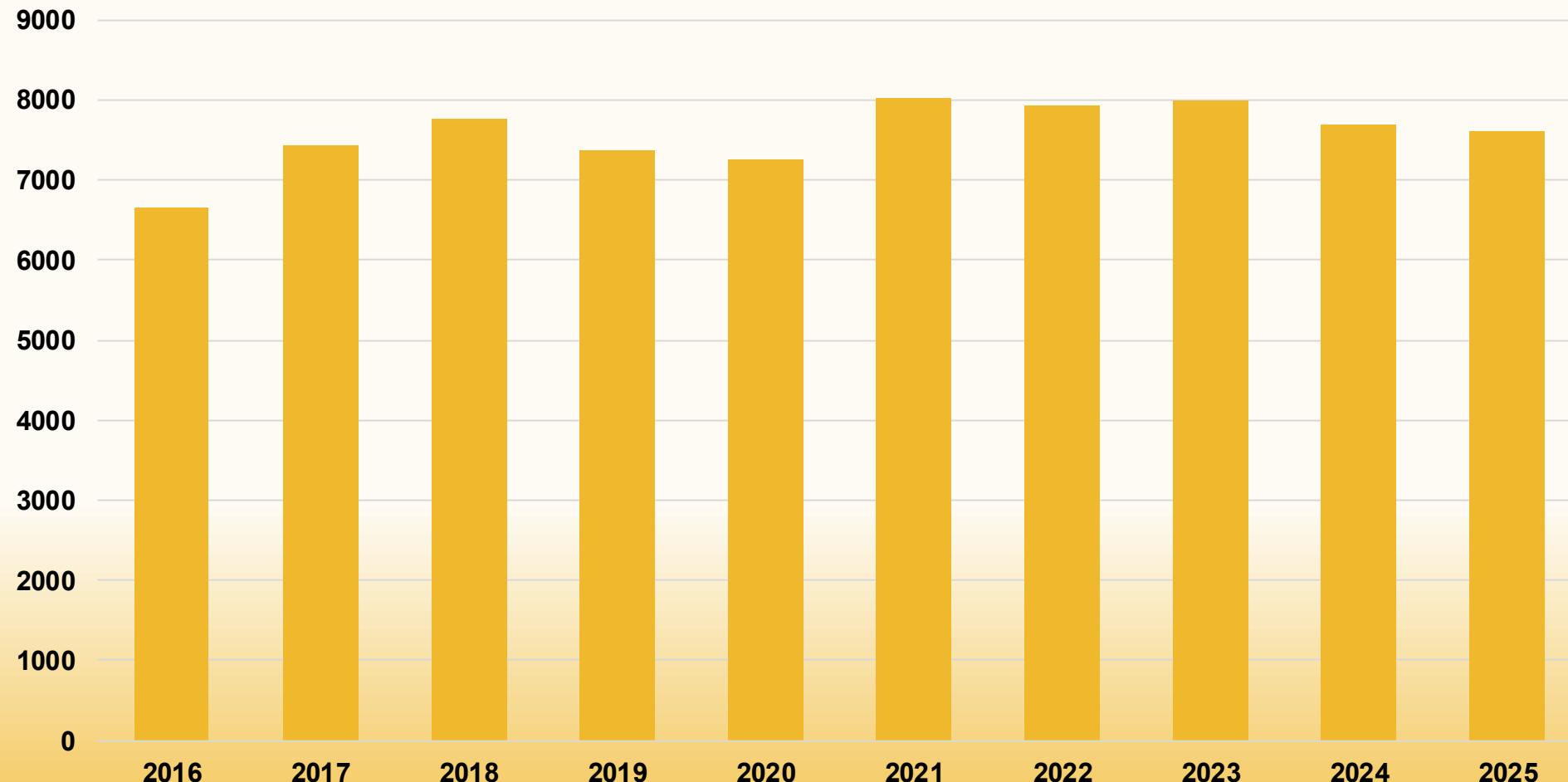
- Dry conditions were welcomed after harvest
- A lot of field work was accomplished in October



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# 10-Year Rough Rice Yield

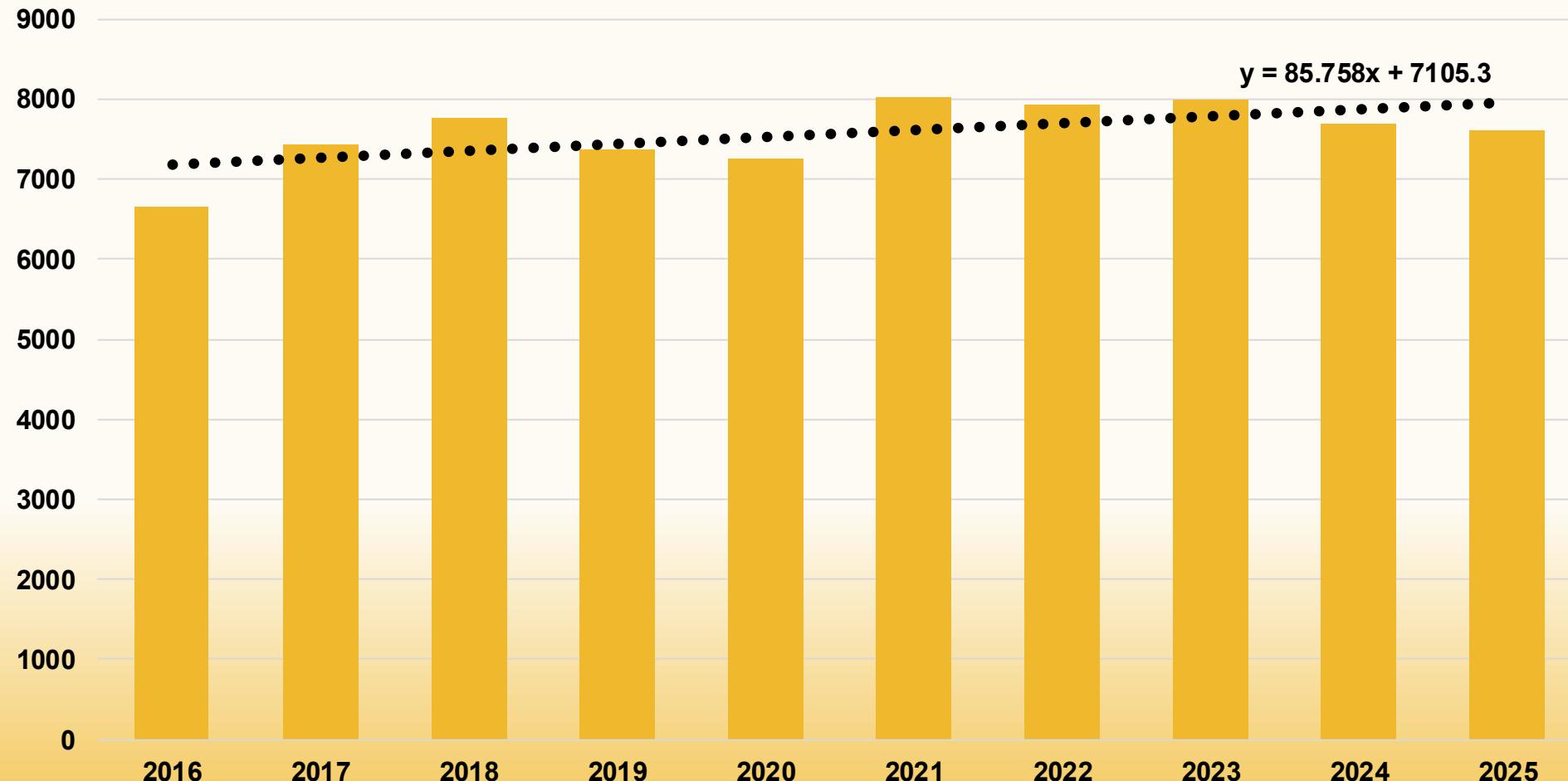
lb/ac



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# 10-Year Rough Rice Yield

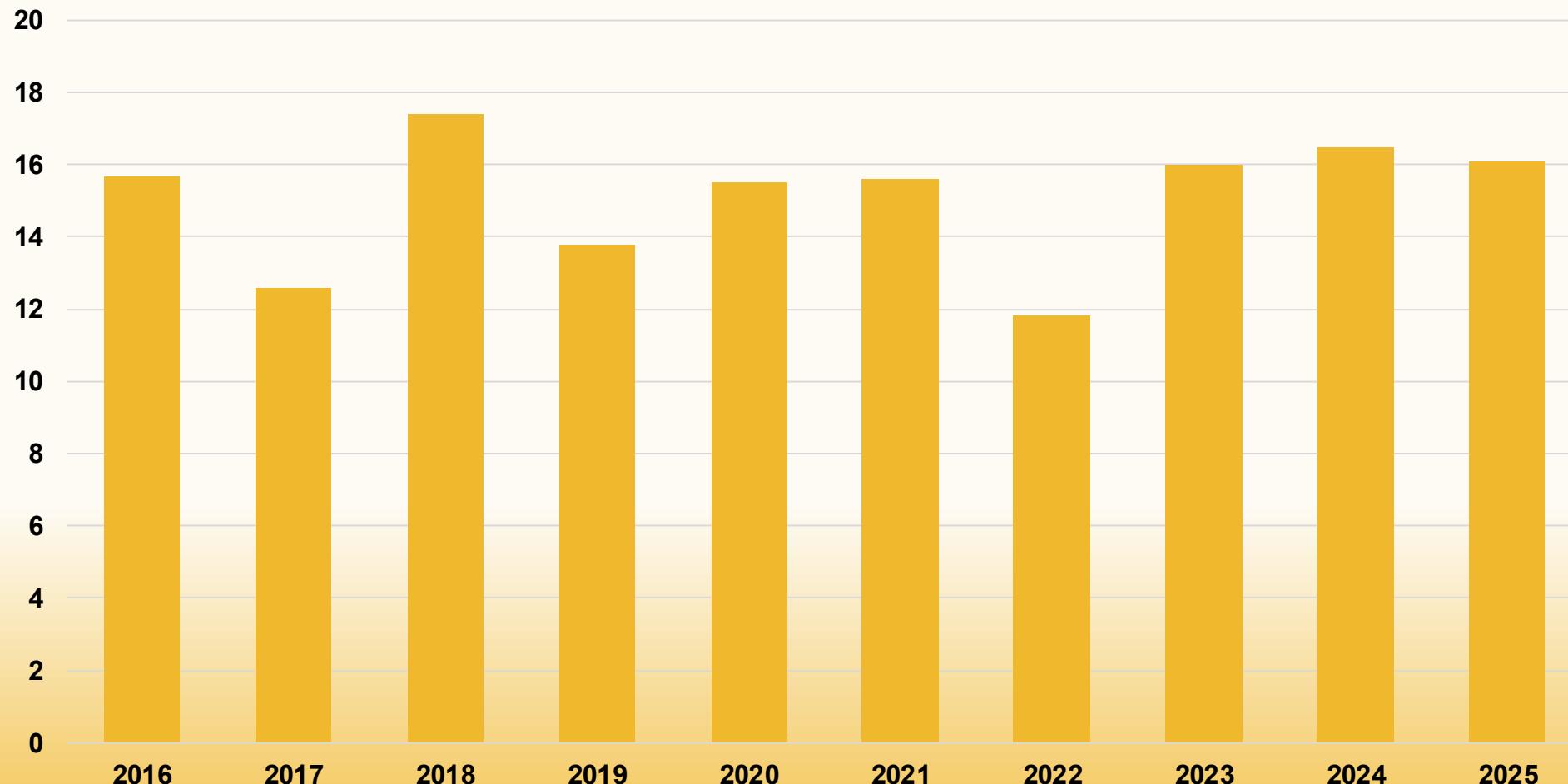
lb/ac



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# 10-Year Production

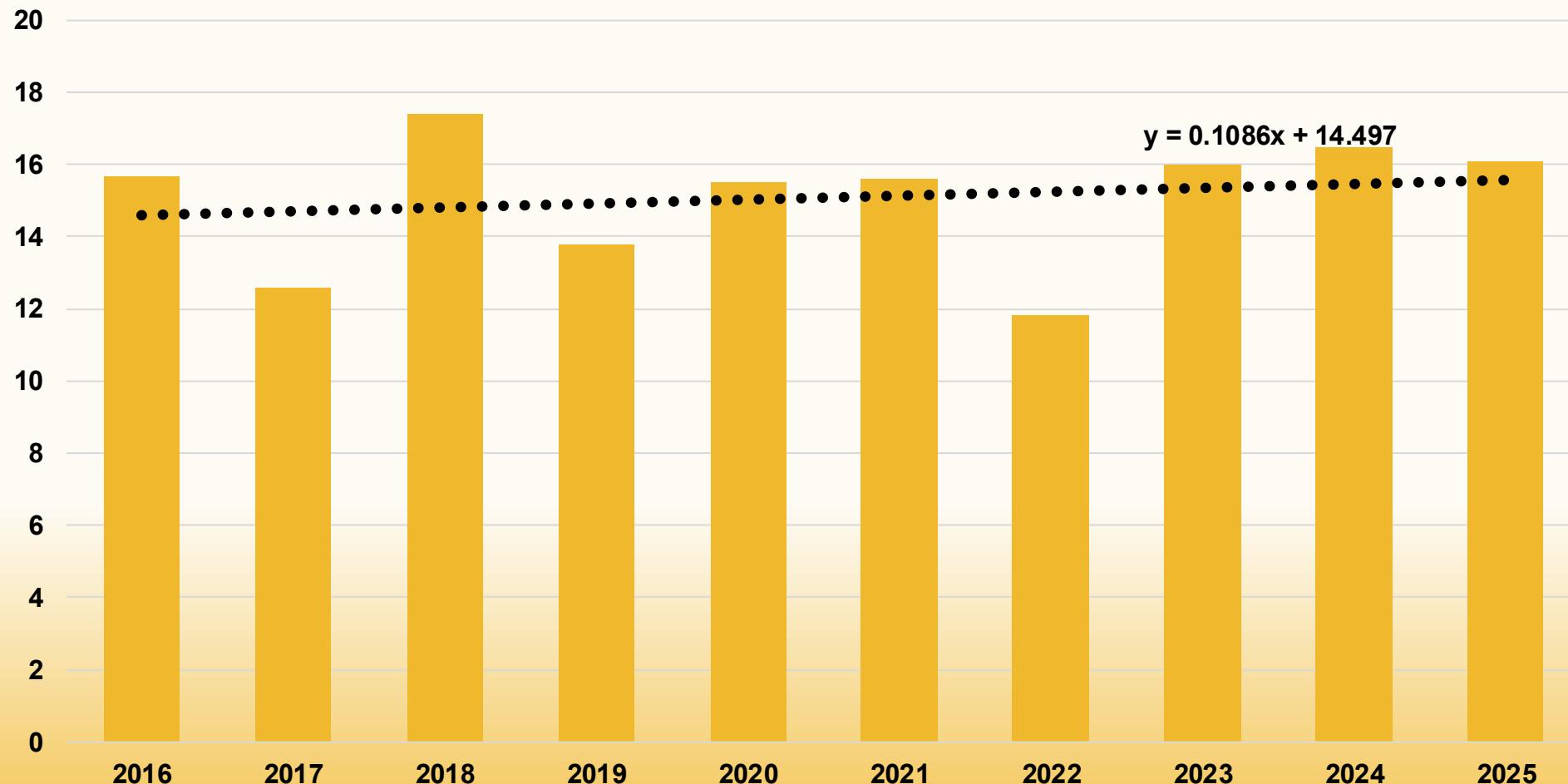
million cwt.



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# 10-Year Production

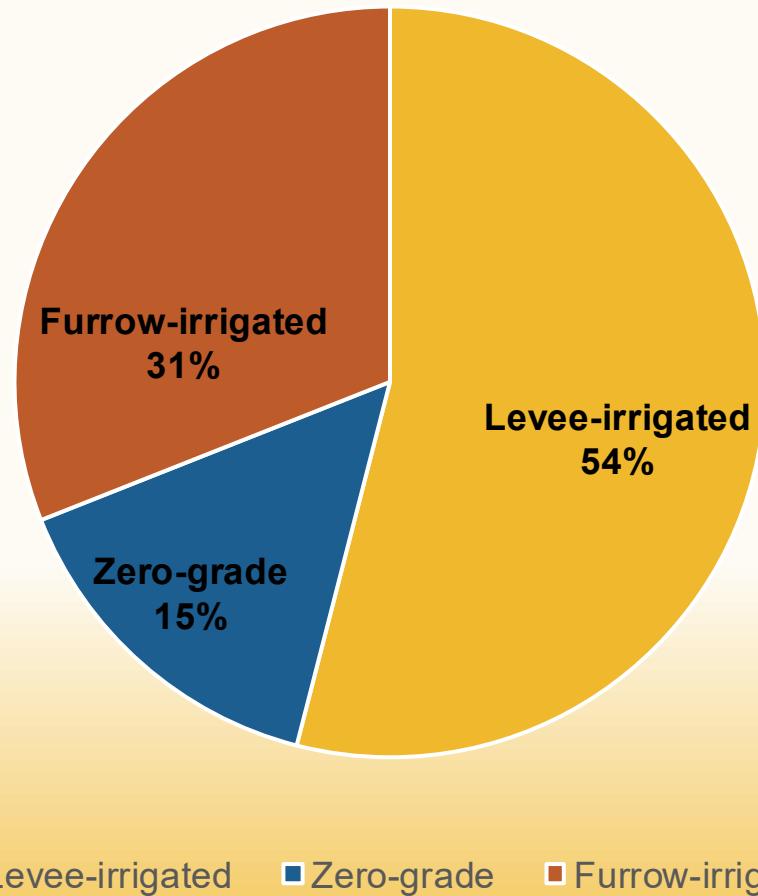
million cwt.



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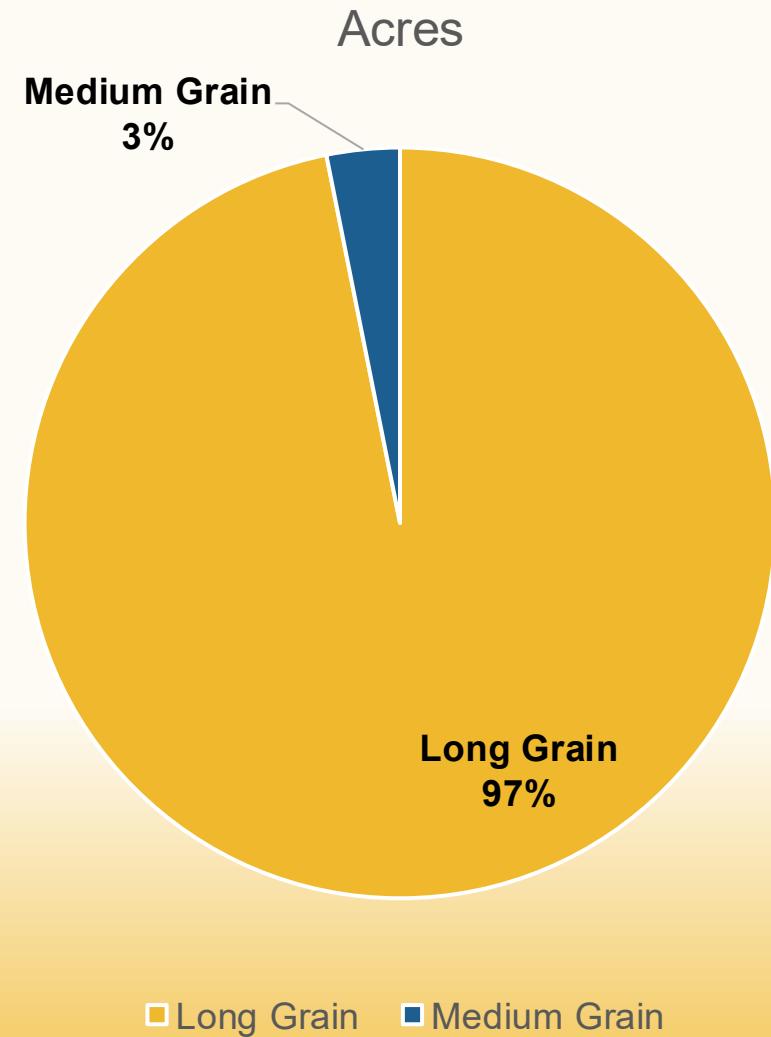
# Production System

Acres



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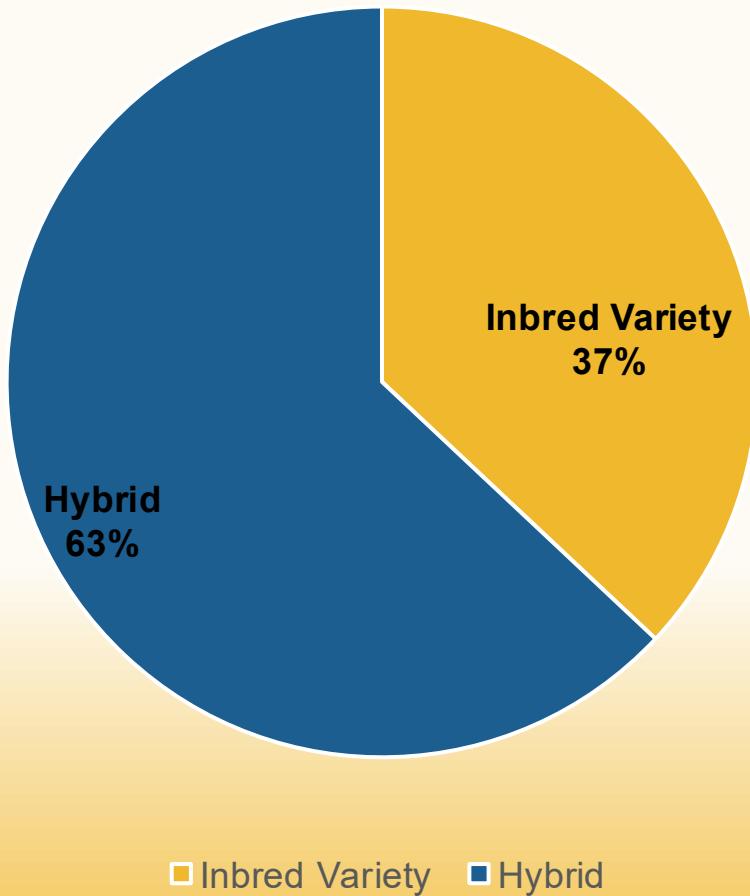
# Grain Type



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# Cultivar

Acres



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# 2026 Missouri Rice Outlook

- 190-200k acre prediction
- Seed supply issues?
- Lots of ground ready or close to it
- Watchful eye for delphacid



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# 2024 Rice Research



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Rice Agronomy



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# Mizzou Rice Agronomy

## Entomology studies

- Billbug seed treatments
- Simulated defoliation study
- Rice stinkbug

## Weed Control

- Flood-irrigated rice
- New technologies (2-5 yrs out)
- Current tech
- Program approaches

## Cultivar Studies

- 26 varieties, inbred and hybrids
- Current and expected releases
- 2 furrow-irrigated and 1 flood irrigated location

## Nitrogen Management – FIR

- Furrow-irrigated rice
- DG263L
- 5 Nitrogen management programs
- 3 N applications 5 rates



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- **Richard Turner**
  - Rice Specialist, Assistant Professor
- Rice Agronomy
  - N management
  - Irrigation management
  - Seeding rates
  - Variety Studies



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- Chase Floyd
  - Crop Protection Specialist, Assistant Professor
- Entomology
  - Rice billbug
  - Rice water weevil
  - Rice Delphacid
  - Pathology trials



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- **Alex Mangialardi**
  - Weed Scientist, Assistant Professor
- Weed Science
  - Flood/Furrow-irrigated weed management
  - Variety tolerance
  - Evaluation of new pesticides
  - Comprehensive weed control programs
  - Resistance screening



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# 2025 MRRMC Field Day

- Annual field day
- Missouri Rice Research Farm
- Mizzou and Other University speakers
- About 150 attendees



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# 2025 FDRC Ag Expo

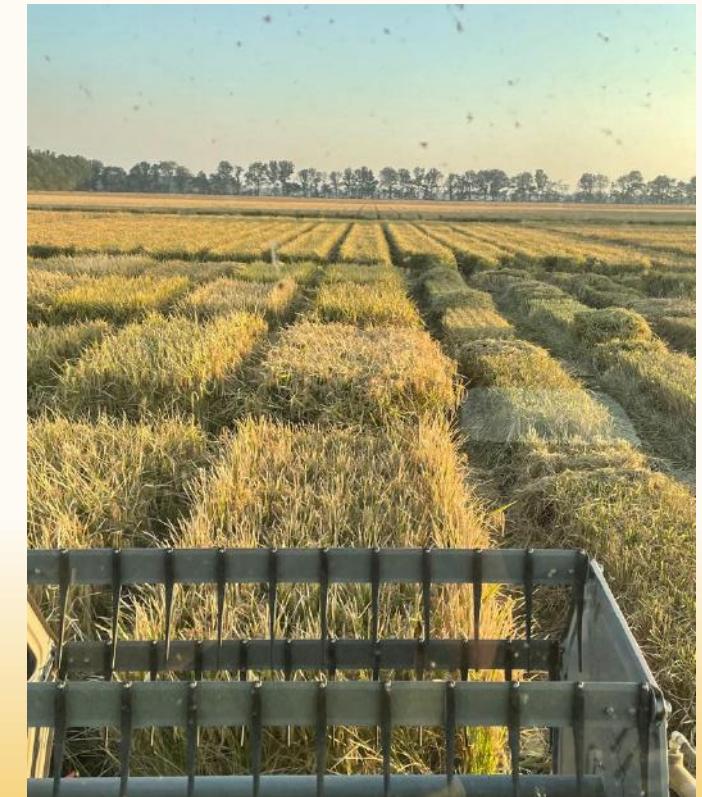
- Started in 2023
- Fisher Delta Research Center
- About 100 trailer-tour participants



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# University of Missouri Continuing Research

- Planting Date Trials
- Cultivar Studies
- Furrow-irrigated rice
  - Weed, Fertility, Irrigation and Insect management



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## Future Research



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