

# Mississippi Rice Production



Nathan W. Buehring

# A Year For Records



- **May: 2<sup>nd</sup> Wettest**
- **July: 5<sup>th</sup> Wettest**
- **October: The Wettest**
- **June: One of the Driest**

# Weather

## “The Biggest Wildcard”



- I thought 2008 was bad, but 2009 proved to be worse
- Replanted/Spot Planted several thousand Acres
- Extremely late planted rice

# Late Planted Rice



- Not a favorable year again
- Hot June
- Cool July and August

# 2009 Rice Crop

Acres Estimated at 239,000



**Increase in acres**

- Higher Prices
- Limited by weather

# Long Grain Acres

	2008	2009
Arkansas	1,295,000	1,250,000
California	9,000	4,000
Louisiana	450,000	415,000
Mississippi	229,000	238,000
Missouri	197,000	196,000
Texas	170,000	165,000
Total	2,350,000	2,268,000

# 2009 Rice Crop

238,000 Acres



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Variety	% of Acres
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Cocodrie	28
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CL 151	30
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CL 131	22
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Cheniere	6
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Bowman	4
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# 2009 Rice Variety Trials

## Yield



<b>Variety</b>	<b>2009</b>	<b>3-yr avg.</b>
CL XL729	277	
CL 111	208	
CL 131	176	180
CL 151	220	206*
Bowman	198	205
Cocodrie	198	200
Cheniere	208	196
XL 723	274	227



# Rice Agronomics

## Milling Yields

<u>Variety</u>	<u>Whole</u>	<u>Total</u>	<u>Height</u>	<u>Lodging</u>
CL XL729	63.1	72.3	45	S
CL 111	64.9	72.6	42	
CL 131	66.1	72.3	34	R
CL 151	63.5	72.2	39	S
Bowman	63.1	69.8	39	MS
Cocodrie	65.4	72.7	37	MS
Cheniere	65.5	72.6	37	MS
XL 723	63.4	72.6	46	S

# Rice Cultivar Selection

Plant multiple cultivars

Plant less standable cultivars first:

- Hybrids
- CL 151

Plant more stable cultivars later:

- CL 131
- Cocodrie
- Cheniere
- Bowman



# Rice Seeding Rates

Rice seeding chart for different rice cultivars and seeding rates.

Variety	Seed/lb	Seeding Rate (lb/A)				
		60	70	80	90	100
		Number of Seed/ft <sup>2</sup>				
Bowman	18530	26	30	34	38	43
Catahoula	20618	28	33	38	43	47
Cheniere	21116	29	34	39	44	48
CL 131	20268	28	33	37	42	47
CL 151	21000	29	34	39	43	48
CL 161	21116	29	34	39	44	48
CL 171-AR	20450	28	33	38	42	47
Cocodrie	19319	27	31	35	40	44
Sabine	18606	26	30	35	39	43
Wells	17945	25	30	34	38	42

# Planting Dates



- **Possibly last week in March**
- **April: If dry and not finished**
- **Get it done**

# Planting Depth



- Plant to moisture
- About an Inch and half
- Especially with CL 151
  - Does not like it deep and wet

# Rice Disease Issues



- **Black Sheath Rot:**

- **CL 151**

- **Blast:**

- **CL 151**

- **Bowman**

- **Straighthead**

- **CL 151**

# 2010 Rice Acres

Acres could be higher



Relatively good rice prices

Planting multiple cultivars

# US Rice Supply and Use

<b>Long Grain</b>	<b>2008</b>	<b>2009</b>
Harvested Acres	2.35	2.27
Yield	6522	6700
Beginning Stocks	19.0	19.0
Production	153.3	152.5
Total Supply	188.2	190.1
Domestic Use	103.0	99.5
Exports	65.1	68.0
Total Use	168.1	167.5
Ending Stocks	20.1	22.6



# RICE IN MISSISSIPPI



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### [Mississippi's Rice Growers' Guide](#)



September, 2008 - The Mississippi's Rice Grower's Guide provides an overview of Mississippi rice production practices. This publication includes the most recent research findings from Mississippi State University and other rice-growing states. The Mississippi Rice Promotion Board funded much of this information through grower check-off funds.