

**2007 Recommended Nitrogen Rates and
 Distribution for Rice Varieties in Arkansas**
Charles E. Wilson, Jr., Extension Agronomist - Rice

Variety	Nitrogen Recommendation ^z			
	Total N Rate (lbs N/A)	Early (Preflood) N ^y Rate (lbs N/A)	Midseason N Rate ^x (lbs N/A)	Late Boot N Rate ^w (lbs N/A)
Ahrent	150	105	45	
Banks	150	105	45	
Bengal	150	105	45	
Cheniere	150	105	45	
CL 131	135	90	45	
CL 161	135	90	45	
CL 171 AR	135	90	45	
Cocodrie	150	105	45	
Cybonnet	150	105	45	
Cypress	150	105	45	
Della	110	65	45	
Drew	135	90	45	
Francis	150	105	45	
Jasmine 85	120	75	45	
Jefferson	150	105	45	
Jupiter	150	105	45	
Kaybonnet	135	90	45	
LaGrue	135	90	45	
Lemont	180	135	45	
Maybelle	135	90	45	
Millie	135	90	45	
Presidio	150	105	45	
Priscilla	150	105	45	
Rice Tec XL 8	120	90	0	30
Rice Tec CL XL 8	120	90	0	30
Rice Tec CL XP 729	120	90	0	30
Rice Tec CL XP 730	120	90	0	30
Rice Tec XP 710	120	90	0	30
Rice Tec XP 716	120	90	0	30
Rice Tec XP 723	120	90	0	30
Rice Tec XP 729	120	90	0	30
Saber	135	90	45	
Spring	135	90	45	
Trenasse	150	105	45	
Wells	150	105	45	

^zNitrogen rate for rice on silt loam soils following soybean in rotation. Rates may need to be adjusted for soil factors, thin stands, and other rotational crops.

^yEarly nitrogen should be applied preflood or a portion of the early N can be flushed in.

^xMidseason N may be applied in a single application between beginning internode elongation and 2 inch internode elongation .

^wThe midseason N application for these hybrids should be applied at boot rather than at internode elongation. Refer to the DD50 for proper timing of this application.

Early N Rate Adjustments

- 1. Increase early N rate by 30 lbs/A if rice is grown on clay soils.**
- 2. Increase early N rate by 20 lbs/A if:**
 - i) rice follows RICE in rotation**
 - ii) the stand density if < 10 plants per sq. ft.**
- 3. Increase early N rate by 10 lbs/A if rice follows GRAIN SORGHUM, WHEAT, CORN, or COTTON in rotation**
- 4. Decrease early N rate by 10 lbs/A if:**
 - i) rice follows SETASIDE or FALLOW that is not continuously tilled in rotation**
- 5. Omit early N rate if:**
 - i) rice follows FISH, LONG-TERM PATURE, or FIRST YEAR AFTER CLEARING in rotation.**

Nitrogen Source Conversions
Urea Needed (lbs) = [lbs N recommended * 100] /45
Ammonium Sulfate Needed (lbs) = [lbs N recommended * 100]/21

University of Arkansas, United States Department of Agriculture and County Governments Cooperating.

The Arkansas Cooperative Extension Service offers its programs to all eligible persons regardless of race, color, national origin, religion, gender, age, disability, marital or veteran status, or any other legally protected status, and is Affirmative Action/Equal Opportunity Employer.