



Quality results.  
Quick returns.<sup>SM</sup>

## RICE: Nitrogen Recommendations

Rice Variety	Total N lbs/Acre	Rice Variety	Total N lbs/Acre
Ahrent	150-170	Lacassine	120-150
Alan	105-135	La grue	100-140
Banks	150-170	Lafitte	100-150
Bengal	120-160	Lemont	100-180
Bowman <sup>7</sup>	150-180	Litton	105-135
Catahoula	90-150	L202	105-135
Cheniere	150-170	Madison	100-170
CL 121	120-180	Mars	80-120
CL 131 <sup>7</sup>	150-180	Maybelle	100-140
CL 141 <sup>7</sup>	120-150	Medark	100-150
CL 151 <sup>7</sup>	90-130	Millie	105-135
CL 161 <sup>7</sup>	120-180	Neches	100-180
CL 171-AR <sup>7</sup>	150-180	Neptune	120-160
CL 261	100-180	Newbonnet	105-135
CL XL8	120-180	Pirogue	120-150
Cocodrie	100-210	Presidio	150-210
Cybonnet	150-210	Priscilla <sup>7</sup>	150-200
Cypress	100-170	Rice Tec CL XL 729 <sup>6</sup>	120-150
Della	70-110	Rice Tec CL XL 730 <sup>6</sup>	120-150
Dellarose	100-165	Rice Tec CL XL 745 <sup>6</sup>	120-150
Dellmati	60-90	Rice Tec XL 723 <sup>6</sup>	120-150
Dellmont	150-170	Rice Tec XP 744 <sup>6</sup>	120-150
Dixiebelle	100-170	Rice Tec Bronze <sup>6</sup>	120-150
Drew	100-140	Rice Tec Diamond <sup>6</sup>	120-150
Francis	150-180	Rice Tec Silver <sup>6</sup>	120-150
Gulfmont	100-165	Rico-1	70-100
Hidalgo	150-180	Roy J	135-150
Jackson	100-140	S102	70-100
Jasmine 85	80-120	Saber	135-170
Jazzman	100-160	Sabine	150-210
Jefferson	100-170	Saturn	60-90
Jodon	100-150	Sierra	100-180
Jupiter	150-170	Spring	135-170
Katy	135-150	Templeton	135-150
Kaybonnet	105-135	Toro-2	100-140
Koshihikari	100-135	Trenasse	120-180
		Wells	130-210

1. Two-thirds of the nitrogen can be applied preplant or before the first flood. The remaining one-third can be applied in a split application; one half at internode elongation (a.k.a green ring) and the remaining at 7-10 days after internode elongation.
2. Apply phosphorus and potassium preplant.
3. Limestone should not be applied to rice. If the alternate crop needs limestone, lime to a soil pH of 5.7 after the rice crop.
4. If the soil pH is 6.5 or greater and zinc problems have been observed, apply 4 to 6 lb Zn/ acre as zinc sulfate or 1 lb/ acre as a chelate.
5. For the second crop rice, topdress with 30-75 lb N/ acre depending on harvest date.
6. Rice Tec, Inc. recommends applying a total of 120 lb N/ acre in Mid-South/ Gulf Coast areas with **low** nitrogen fertilizer response in a split application of 90 lbs N/ acre pre-flood and 30 lbs at boot. All other areas in the Mid-South/ Gulf Coast, apply a total of 150 lbs N/ acre in a split application of 120 lbs N/ acre pre-flood and 30 lbs at boot.
7. In soils with CEC>20 meq/100g, apply an additional 30 lb N/ acre.

**Updated April 4, 2011**

#### References

Harrel, Dustin L. 2011. Rice Fertility. Presentation. LSU AgCenter.

Norman, R.J. et al. 2009. Grain Yield Response of Fourteen New Rice Cultivars to Nitrogen Fertilization. AAES Research Series 581. p 166-180.