

Rice Variety Reactions to Diseases – 2007

Variety	Sheath Blight	Blast	Stem Rot	Kernel Smut	False Smut	Brown Spot	Straight Head	Lodging	Black Sheath Rot	Bacterial Panicle Blight	Narrow Brown Leaf Spot
CL161	VS	S	S	S	S	R	MS	MS	S	S	MS
CL171-AR	VS	MS	S	S	S	R	MS	MS	MS	S	MS

S = Susceptible MS = Moderately Susceptible VS = Very Susceptible R = Resistant

CL161

For the past four years, CL161 has set the standard for CLEARFIELD® technology with the highest Newpath® tolerance on the market and excellent yield potential. An early-maturing, short-stature, long-grain variety, it closely resembles Cypress in appearance, performance and maturity. Milling and grain quality are excellent. Evaluations indicate high susceptibility to sheath blight as well as susceptibility to blast. CL161 has good adaptability across the entire southern rice growing area with excellent second-crop potential.

CL171-AR

Developed by the University of Arkansas, Division of Agriculture, CL171-AR has Wells and CL161 in its parentage and is the first Arkansas-developed CLEARFIELD release. CL171-AR has excellent Newpath tolerance and closely resembles CL161 in height, maturity and yield. Evaluations indicate high susceptibility to sheath blight, and moderate resistant to blast. CL171-AR has good straw strength and excellent second-crop potential.

Fertilization Recommendations:

For CLEARFIELD varieties, please use your local university recommendations for N rate, which generally follow the parameters below:

120-180 lbs/A

- The high end of range should be reserved for clay soils and fields where rice is followed by rice.

Note: Rates may need to be adjusted for soil factors, thin stands and other rotational crops.

Seeding Rate Recommendations:

For CLEARFIELD varieties, use local university recommended seeding rates for conventional varieties, which generally follow the parameters below:

Drill Seeded – 75-100 lbs/A

- Implement the “Horizon Premium Seed Treatment” recommendations by using the manufacturers’ recommended minimum rate of Release® or equivalent gibberellic acid (GA3) and either of the following fungicide combinations:
MAXIM® + APRON XL® LS or VITAVAX® 200 + Allegiance™

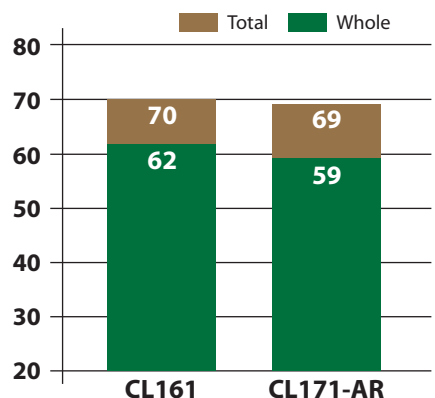
Note: Using the high end of the nitrogen and seeding rate recommendations may increase the incidence of foliar diseases. Please scout and treat the CLEARFIELD varieties accordingly.



CLEARFIELD®
| seed rice

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2007 Milling Yield



Source: 2007 LSU Commercial Advance Trials (average of three locations).