

CL171AR Advantages

And Similarities To Parents

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CL171AR, a rice cross between Wells and CL161 marketed by Horizon Ag has the lodging resistance like Wells and resistance to Newpath like CL161. The rating for lodging is moderately susceptible according to Dr. Karen Moldenhauer, Professor, University of Arkansas Division of Agriculture Rice Research and Extension Center.

"CL171AR has the same milling yield as CL161, it has very good resistance to the Newpath herbicide, it's major advantage is that it has a better sheath blight tolerance than the CL161," said Moldenhauer.

With CL171AR producers may get by without spraying when sheath blight isn't the big condition explained Moldenhauer, "CL171AR is going to be moderately susceptible instead of probably susceptible to very susceptible. In a year when sheath blight is bad you are going to still have to spray it but maybe in some of these years when conditions for sheath blight are not as bad, you may get by and not have to spray."

As far as blast in CL171AR Moldenhauer said, "we know that CL171AR is susceptible to blast but in field conditions it has been a little better for blast than the CL161, we have seen them side by side." Seed will be available for planting of CL171AR this year.

Moldenhauer has an experimental line that is looking real good. She had this to say, "It is just a traditional line that has the same yield potential as Wells, in three years of testing it mills two percentage points higher than the Wells variety with a 62-72 three year

average." Moldenhauer added the experimental line, "has blast resistance and it has resistance not only to the common races in Arkansas but it is also moderately resistant to a new race IE1K, which was a problem in the Banks variety." Moldenhauer anticipates having a foundation seed field in 2008 with a release to seed growers in early 2009. △



Dr. Karen Moldenhauer, Professor, University of Arkansas Division of Agriculture Rice Research and Extension Center details traits of CL171AR, a rice cross between Wells and CL161 marketed by Horizon Ag.

Photo by John LaRose