

For the Management of Rhizoctonia Sheath Blight on Rice in Louisiana

Background

Rhizoctonia solani is the causal agent of sheath blight in rice and is the most economically important disease in Louisiana. In the mid 1990's strobilurin fungicides were registered for use on rice and provided control of sheath blight. In 2011 the first reports of strobilurin resistant sheath blight occurred in southern Louisiana.

Best Management Practices for Strobilurin Resistant Sheath Blight

- Use conventional tillage practices in the fall or spring.
- Pull levees and hold water on field during the fall and winter.
- Select the most resistant or tolerant varieties and hybrids.
- Use recommended seeding rates and fertility management practices.
- **Clean equipment before transporting disease infected debris to another field.**
- Make timely fungicide applications using multiple modes of action.
- Use the **full** labeled rate of the respective fungicides. **Do not reduce fungicide rates.**

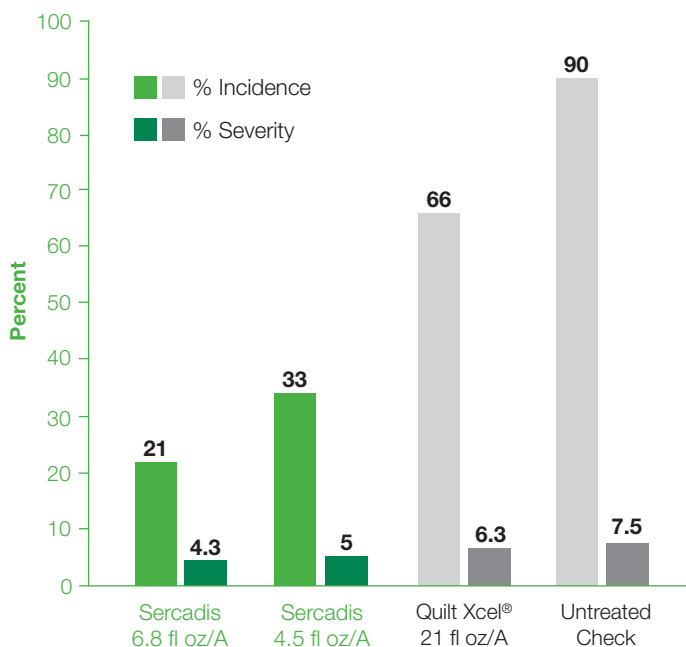
Visit Sercadis-Fungicide.basf.us for more information and a list of BASF Authorized Retailers.

Sercadis® Research Results: Disease Control & Yield



2011 BASF replicated small plot trial. Louisiana. Sercadis applied at panicle differentiation. Non-resistant sheath blight.

Control of Resistant Rhizoctonia Sheath Blight



2012 replicated trial conducted by LSU in Mowata, LA. Field contained strobilurin resistant rhizoctonia sheath blight. All treatments applied at mid-boot. Variety CL111. Ratings taking 35 DAT.

Best Sercadis Use Recommendations

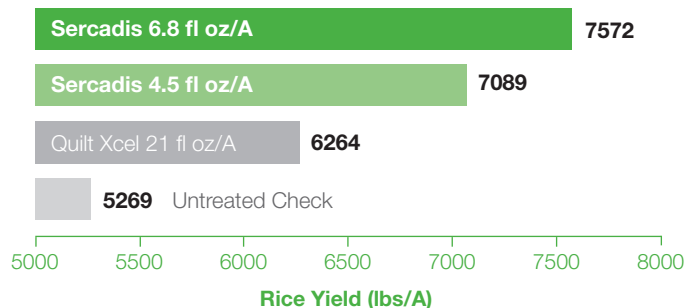
Use Rate: 4.5 fl oz/A (2 applications/season),
6.0–6.8 fl oz/A (1 application/season)

Maximum Rate/Season: 9.0 fl oz

PHI: 28 Days

- Apply 0.25% v/v non-ionic surfactant (NIS).
- Apply a minimum of 7 to 10 GPA for aerial applications.
- Based on disease development, apply from panicle differentiation to late boot.
- Tank mix another fungicide for control of other diseases, as needed.
- Apply a second application, as needed.

Yield Results from Mowata, LA



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Sercadis®
Xemium® Brand Fungicide

Always read and follow label directions

Sercadis Xemium brand fungicide is approved under a Section 18 Emergency

Exemption label for use in Louisiana only.

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