

Absolute 500 SC, A Powerful Tool for Asian Soybean Rust Control.

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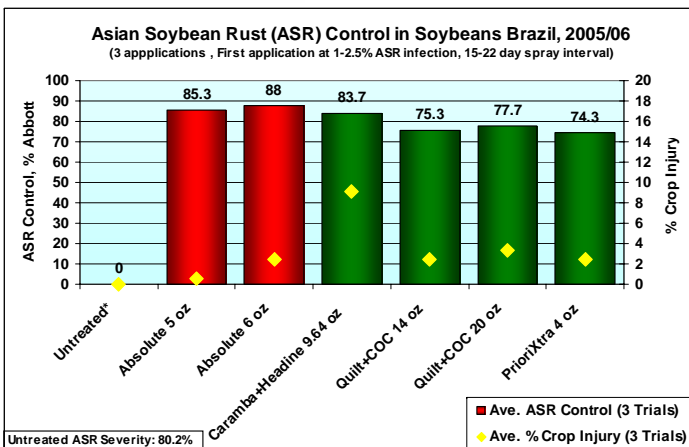
Bayer CropScience, Research Triangle Park, NC and Bayer CropScience, Monheim, Germany

INTRODUCTION:

Asian soybean rust (*Phakopsora pachyrhizi*) can be a devastating disease in soybeans if environmental conditions are favorable for inoculum buildup and spread. Bayer CropScience is developing a new fungicide, Absolute 500 SC, for control of Asian soybean rust (ASR) and additional foliar diseases. Field trials in Brazil and the United States have shown excellent preventative and early curative control of ASR. Absolute contains two very effective active ingredients to control ASR, tebuconazole (TRIAZOLE) and trifloxystrobin (STROBILURIN). Trifloxystrobin is a very effective inhibitor of Asian soybean rust spore germination. Tebuconazole does not inhibit spore germination, but rather stops the spread of infection within the plant by inhibiting sterol biosynthesis. Working together, the two active ingredients of Absolute form a 'shield' to protect soybeans from Asian soybean rust infection, development and reproduction.



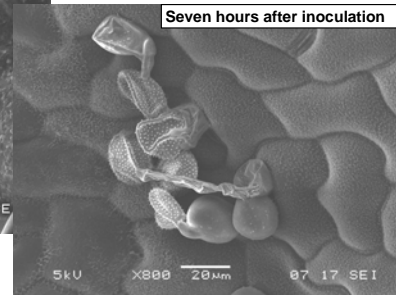
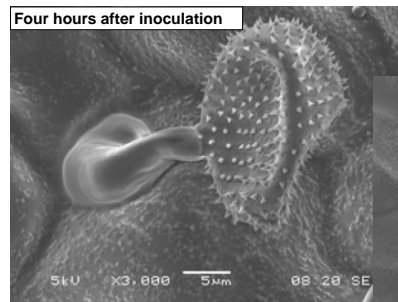
2005/06 EFFICACY TRIAL DATA:



CONCLUSION:

Absolute is an effective fungicide for the preventative and post-infection (early curative) control of Asian soybean rust in soybeans. The two active ingredients in Absolute, tebuconazole and trifloxystrobin, work in concert to inhibit ASR spore germination and mycelium growth within the cell. Absolute fungicide will offer growers a new, very effective chemical control option for the management of Asian soybean rust in soybeans.

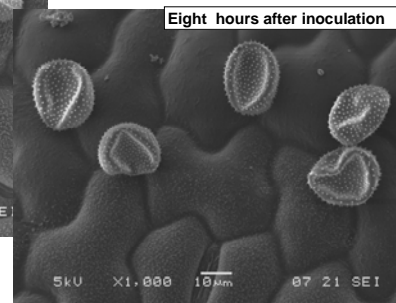
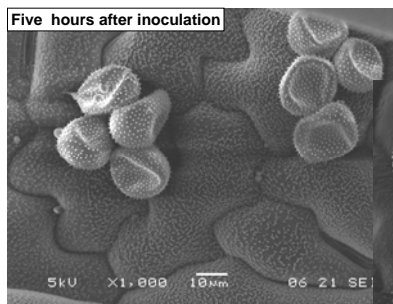
Untreated Control - Leaf Tissue Inoculated with ASR spores



Appressorium formed and penetration into leaf has occurred

Penetration process finished and still some turgescient appressoria are seen

Trifloxystrobin (3.7 oz ai/a) Treated Leaf Tissue Inoculated with ASR Spores



Treatment with trifloxystrobin inhibits germ tube germination.

IMPORTANT: Absolute is not yet EPA registered or available for sale

RUST NEVER SLEEPS. NEITHER DO WE.

