

MID-COAST IPM NEWS

Calhoun

Refugio

Victoria

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Soybeans Rust Alert

This morning Soybean Rust was identified in Victoria and Calhoun Counties. I took leaf samples from 14 area fields and had Dr. Tom Isakeit check them for rust. These samples came from fields in both Victoria and Calhoun Counties. All samples had soybean rust.

Management decisions for this disease are as follows:

Should you spray?

Soybean fields are susceptible to economic yield losses from soybean rust through the R5 growth stage but are past the damage window at R6.

R5 - Beginning Seed: seed is 1/8 inch long in the pod at one of the four uppermost nodes on the main stem.

R6 - Full Seed: Pods contain green seed that fills the pod capacity at one of the four uppermost nodes on the main stem.

Area fields range in maturity from R5-R7.

What should you spray?

Fungicides of choice are in the Strobilurin and Triazole Families of Fungicides

Strobilurin fungicides will stop spore germination and leaf penetration but will not control the rust if it is established in the leaf. They act as a protectant.

Triazole fungicides will not stop spore germination but will reduce penetration and stop early infection. They have limited curative activity.

All of these fungicides have a Pre-harvest interval of 28-30 days.



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