

# Managing Frogeye Leaf Spot Resistance

Grow Smart™  
with BASF

## Symptoms of Frogeye Leaf Spot (FLS) – *Cercospora sojina*

- Lesions begin as dark, water-soaked spots on younger leaves
- Mature leaf lesions are circular with a purple margin around an ashy white center; as lesions age, they become ash gray to light brown
- Disease prefers younger leaves and often shows up in the upper canopy under warm humid conditions
- The disease is spread within and between fields via infected seed or from soybean residue and spreads to the young plants
- It takes 7–12 days after a spore lands on the leaf to actually develop a visible lesion



## Management Options for FLS

- Resistant varieties with high quality, fungicide-treated seed whenever possible
- Residue from previous soybean crops should be plowed under; two-year crop rotation
- Priaxor® fungicide provides excellent control for non-strobilurin resistant frogeye leaf spot
- A triazole fungicide is recommended for strobilurin-resistant frogeye leaf spot
- In severe situations, a second fungicide application may be needed



Technical Information Bulletin

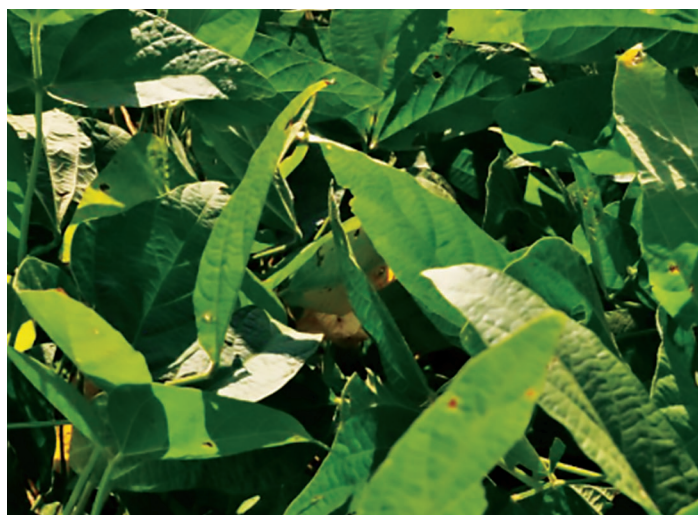
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## FLS-Resistant Variety is the first line of defense



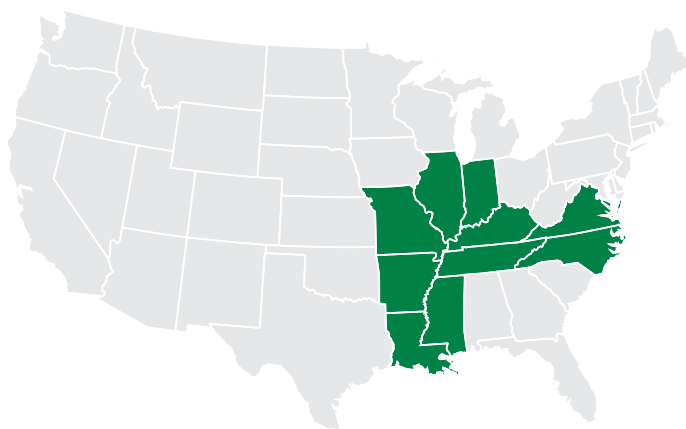
**Susceptible Soybean Variety**



**Resistant Soybean Variety**

2012 Dyersburg, TN, SR-FLS present

## Strobilurin Resistant Frogeye Leaf Spot (SR-FLS) Growth



States where strobi-resistant Frogeye Leaf Spot (SR-FLS) has been confirmed.

## Recommendations for Managing Strobilurin Resistant Frogeye Leaf Spot

### Planted FLS Resistant Variety

**Priaxor®**  
Xemium® Brand Fungicide

### Planted FLS Susceptible Variety

**Priaxor® D**  
Xemium® Brand Fungicide

**Priaxor®**  
Xemium® Brand Fungicide  
+ Effective Triazole

- The first step to managing SR-FLS is to plant a soybean variety that is resistant to the disease
- If a resistant variety is planted use Priaxor fungicide to control other diseases like Septoria brown spot, Anthracnose and Aerial web blight
- Priaxor fungicide also provides Advanced Plant Health Benefits including increased growth efficiency and increased stress tolerance
- If a susceptible soybean variety is planted and SR-FLS is suspected or confirmed use Priaxor D fungicide for three modes of action

**Always read and follow label directions.**

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