

Fungicide Use Strategies

#1 - Low Rust Risk:

- No disease detected in immediate area or in sentinel plots; no rust forecasting alerts
- Crop between R1 and R6
- DO NOT SPRAY
- Reevaluate at regular intervals through R6

#2 - High Rust Risk, Preventative Program:

- High rust risk based on observations from regional sentinel plots and rust forecasting
- Rust not detected in local soybean crop
- Crop between R1 and R6
- **Fungicide applications:**
 - 1) Chlorothalonil or premix or strobilurin
 - 2) Premix or strobilurin¹ or triazole
 - 3) Premix² or strobilurin³ or triazole⁴

¹ If first application was not a strobilurin; ² if no more than one other premix has been applied; ³ if no more than one other strobilurin has been applied and the second application was not a strobilurin; ⁴ if the second application was not a triazole

#3 - Rust Detected, Curative Program:

- Rust detected at low levels (1-10% of leaves in lower crop canopy) in your field or your neighbors field
- Crop between R1 and R6
- **Fungicide applications:**
 - 1) Premix or strobilurin¹ + triazole or triazole
 - 2) Premix or triazole² or strobilurin¹
 - 3) Premix³ or triazole⁴ or strobilurin¹

¹ Do not apply strobilurins if disease incidence exceeds 3%, or as indicated on the product label; ² if the first application was not a triazole; ³ if no more than one other premix has been applied; ⁴ if the second application was not a triazole

#4 - Rust Detected In Mid Canopy:

- Crop between R1 and R6
- Weather favorable for rust development
- Crop may not respond to treatment; fungicide application may not be economical
- Triazoles provide the best hope

- DO NOT apply a strobilurin

Information obtained from the Fungicide Manual for Soybean Rust, Dorrance, Draper and Hershman, January 15, 2005

Following is a list of fungicide available for Asian soybean rust control in Alabama.

Trade Name	Manufacturer	Active ingredient	fungicide group
Quadris 2.08F	Syngenta	azoxystrobin	strobilurin
Headline	BASF	pyraclostrobin	strobilurin
Echo 6.0F	Sipcam Agro	chlorothalonil	chlorothalonil
Stratego	Bayer	propiconazole + trifloxystrobin	triazole+ strobilurin
Laredo EC	Dow Agro.	myclobutanil	triazole
Laredo EW	Dow Agro.	myclobutanil	triazole
Bumper 3.6EC	Makhteshim	propiconazole	triazole
Tilt 3.6 EC	Syngenta	propiconazole	triazole
PropiMax 3.6EC	Dow Agro.	propiconazole	triazole
Domark 125SL	Valent	tetraconazole	triazole
Folicur	Bayer	tebuconazole	triazole