

Table 1. Fungicides approved in Mississippi for yield loss prevention as a result of soybean rust in 2013. Please note there are some products that are registered but no longer being marketed for soybean rust prevention that are not included on this list. In addition, this list does not include products considered to be “biofungicides” since we have limited data on their efficacy. All generics may likely not be included on this list. Please contact MSU-ES for the registration information pertaining to generics since there may be some that are not currently labeled for use in MS even though they have a federal label.

Trade Name	Active Ingredient	Company	Application rate	Pre-harvest interval	Chemical Class
<u>Preventative:</u>					
Aftershock	fluoxastrobin	Loveland Products, Inc.	2 – 5.7 fl oz/A	No later than R5	Strobilurin
Aproach	picoxystrobin	DuPont	6 – 12 fl oz/A	14 days	Strobilurin
Evito 480 SC	fluoxastrobin	Arysta LifeScience	2 - 5.7 fl oz/a	No later than R5	Strobilurin
Gem RC	trifloxystrobin	Bayer	3 – 3.5 fl oz/A	21 days	Strobilurin
^v Headline EC	pyraclostrobin	BASF	6 - 12 fl oz/a	21 days	Strobilurin
Headline SC	pyraclostrobin	BASF	6 – 12 fl oz/a	21 days	Strobilurin
Quadris	azoxystrobin	Syngenta	6 – 15.5 fl oz/a	14 days	Strobilurin
<u>Curative/Penetrant:</u>					
Alto 100 SL	cyproconazole	Syngenta	2.75 - 5.5 fl oz/a	30 days	Triazole
Bumper 41.8 EC	propiconazole	Makhteshim-Agan	4 - 6 fl oz/a	No later than R6	Triazole
Domark 230 ME	tetraconazole	Valent U.S.A.	4 - 5 fl oz/a	Apply before R6	Triazole
^w Orius 3.6F	tebuconazole	Makhteshim-Agan	3 - 4 fl oz/a	21 days	Triazole
Proline 480 SC	prothioconazole	Bayer	2.5 - 3.0 fl oz/a	21 days	Triazole
Tilt	propiconazole	Syngenta	4 - 6 fl oz/a	Apply up to R6	Triazole
Topguard	flutriafol	Chemnova	7 - 14 fl oz/a	21 days	Triazole
<u>Curative/Preventative:</u>					
Avaris	propiconazole + azoxystrobin	Helena	14 - 20.5 fl oz/a	21 days	Triazole + Strobilurin
Evito T	tebuconazole + fluoxastrobin	Arysta LifeScience	4 – 6 fl oz/a	30 days	Triazole + Strobilurin
Priaxor	fluxapyroxad + pyraclostrobin	BASF	4 – 8 fl oz/a	21 days	Amide + Strobilurin
Quadris Top	difenoconazole + azoxystrobin	Syngenta	8 – 14 fl oz/a	14 days	Triazole + Strobilurin
Quadris Xtra	cyproconazole + azoxystrobin	Syngenta	4 - 6.8 fl oz/a	30 days	Triazole + Strobilurin
Stratego	propiconazole + trifloxystrobin	Bayer	7 - 10 fl oz/a	21 days	Triazole + Strobilurin
Stratego YLD	prothioconazole + trifloxystrobin	Bayer	4 – 4.65 fl oz/a	21 days	Triazole + Strobilurin
Quilt	propiconazole + azoxystrobin	Syngenta	14 - 20.5 fl oz/a	21 days	Triazole + Strobilurin
Quilt Xcel	propiconazole + azoxystrobin	Syngenta	14 - 21 fl oz/a	Apply up to R6	Triazole + Strobilurin
<u>Preventative/Topical:</u>					
*Bravo Ultrex	chlorothalonil	Syngenta	0.9 – 1.4 lbs/a (3 app.) 1.4 – 2.2 lbs/a (2 app.)	42 days	Chloronitrile
*Bravo Weather Stick	chlorothalonil	Syngenta	1.0 - 2.0 pt/a (3 app.) 1.5 - 2.25 pt/a (2 app.)	42 days	Chloronitrile
*Echo 720	chlorothalonil	Sipcam Agro	1.0 – 2.0 pt/a (3 app.) 1.5 - 2.5 pt/a (2 app.)	42 days	Chloronitrile
*Echo 90DF	chlorothalonil	Sipcam Agro	0.875 to 1.625 lb/a (3 app.) 1.25 - 2.0 lb/a (2 app.)	42 days	Chloronitrile
*Echo Zn	chlorothalonil	Sipcam Agro	1.5 - 2.75 pints/a (3 app.) 2 - 3.5 pints/a (2 app.)	42 days	Chloronitrile
*Equus 500 Zn	chlorothalonil	Makhteshim-Agan	1.5 – 2.75 pt/a (3 app.) 2.25 – 3.25 pt/a (2 app.)	42 days	Chloronitrile
*Equus 720 SST	chlorothalonil	Makhteshim-Agan	1.0 - 2.0 pt/a (3 app.) 1.5 - 2.5 pt/a (2 app.)	42 days	Chloronitrile
*Equus DF	chlorothalonil	Makhteshim-Agan	0.9 - 1.4 lb/a (3 app.) 0.9 - 1.4 lb/a (2 app.)	42 days	Chloronitrile

^vHeadline EC is the old formulation of Headline and may still be available for sale in 2012. Headline SC will take its place in the future.

^wSeveral other products are available on the market with tebuconazole as the active ingredient. Included in MS are Orius 3.6F and TebuStar 3.6L. However, keep in mind that some products have a federal label and may not be labeled for use in all states.

*Chlorothalonil has only limited activity against rust, but only as a topical protectant. Probably should be used in rotation with more effective products.