



Fungicides for Commercial Strawberry Production

Donald M. Ferrin, Ph.D.
Extension Plant Pathologist

Target Disease (Pathogen)	Common Name	Trade Name(s)	Rate (per Acre)	Maximum			PHI (days)	Efficacy ¹
				Sequential Applications	Applications per Crop	Amount /A/Crop		
Angular Leaf Spot (<i>Xanthomonas fragariae</i>)	fixed copper	various ²	Mfg. label				1	++
Anthracnose (<i>Colletotrichum</i> spp.)	azoxystrobin	Abound, Quadris	6.2-15.4 fl oz	2	4	1.9 qt	0	+++
	boscalid + pyraclostrobin	Pristine	18.5-23 oz	2	5	115 oz	0	+++
	captan + fenhexamid	Captivate	5.25 lb	2	4	21 lb	0	++
	iprodione ³	Rovral (50%)	1.5-2 lb		1			+++
	propiconazole	Orbit, Tilt	4 fl oz	2	4	16 fl oz	0	+
	pyraclostrobin	Cabrio	12-14 oz	2	5	70 oz	0	+++
Gray Mold (<i>Botrytis cinerea</i>)	azoxystrobin	Abound, Quadris	6.2-15.4 fl oz	2	4	1.92 qt	0	++
	boscalid + pyraclostrobin	Pristine	18.5-23 oz	2	5	115 oz	0	++
	captan	Captan (50%)	3-6 lb			48 lb	0	++
	captan + fenhexamid	Captivate	3.5-5.25 lb	2	4	21 lb	0	++
	cyprodinil + fludioxonil	Switch	11-14 oz	2	4	56 oz		+++
	fenhexamid	Elevate	1-1.5 lb	2	4	6 lb	0	++
	iprodione ³	Rovral (50%)	1.5-2 lb		1			+++
	pyraclostrobin	Cabrio	12-14 oz	2	5	70 oz	0	++
	pyrimethanil	Scala	18 fl oz (alone) 9 fl oz (tank mix)			54 fl oz	1	+++
	thiophanate-methyl	Thiophanate Methyl (85%) Topsin M (70%)	0.6-0.8 lb 0.75-1 lb			3.2 lb 4 lb	1	+
Leaf Blight (<i>Phomopsis obscurans</i> = <i>Dendrophoma obscurans</i>)	See: Leaf Spot							
Leaf Blotch (<i>Gnomonia</i> spp.)	See: Leaf Spot							
Leaf Scorch (<i>Diplocarpon earlianum</i>)	See: Leaf Spot							

Target Disease (Pathogen)	Common Name	Trade Name(s)	Rate(s)	Maximum			PHI (days)	Efficacy ^x	
				Sequential Applications	Applications per Crop	Amount /A/Crop			
Leaf Spot (<i>Mycosphaerella fragariae</i> or <i>Ramularia brunnea</i>)	fixed copper	various ²	Mfg. label				1	++	
	boscalid + pyraclostrobin	Pristine	18.5-23 oz	2	5	115 oz	0	++	
	captan	Captan (50%)	3-6 lb			48 lb	0	++	
	dodine	Syllit	1.5-2 lb				7		
	iprodione ³	Rovral (50%)	1.5-2 lb		1			+++	
	myclobutanil	Nova	2.5-5 oz			30 oz	0	+++	
	propiconazole	Orbit, Tilt	4 fl oz	2	4	16 fl oz	0	?	
	pyraclostrobin	Cabrio	12-14 oz	2	5	70 oz	0	++	
	thiophanate-methyl	Thiophanate Methyl (85%) Topsin M (70%)	0.6-0.8 lb 0.75-1 lb			3.2 lb 4 lb	1	++	
Powdery Mildew (<i>Sphaerotheca macularis</i> f. sp. <i>fragariae</i>)	azoxystrobin	Abound, Quadris	6.2-15.4 fl oz	2	4	1.92 qt	0	++	
	boscalid + pyraclostrobin	Pristine	18.5-23 oz	2	5	115 oz	0	++	
	fixed copper	various ²	Mfg. label				1	++	
	myclobutanil	Nova	2.5-5 oz			30 oz	0	+++	
	quinoxyfen	Quintec	4-6 fl oz	2	4	24 fl oz	1	+++	
	propiconazole	Orbit, Tilt	4 fl oz	2	4	16 fl oz	0	?	
	pyraclostrobin	Cabrio	12-14 oz	2	5	70 oz	0	++	
	sulfur	various ⁴	Mfg. label				0	++	
		thiophanate-methyl	Thiophanate Methyl (85%) Topsin M (70%)	0.6-0.8 lb 0.75-1 lb			3.2 lb 4 lb	1	++
		triflumazole	Procure (50%)	4-8 oz			32 oz	1	+++

¹ + = poor to fair; ++ = fair to good; +++ = good to excellent

² Includes: Champ, Champion, Kocide, Nu-Cop, Stretch, COC, Nordox, Basic Copper 53, Cuprofix Disperss, etc.

³ Do not make more than 1 application per season; do not use after bloom initiation.

⁴ Includes: Dusting Sulfur, Liquid Sulfur Six, Microthiol Disperss, Super-Six, Thiosperse *0%, Wettable Sulfur, etc.

(Revised 8/07)