

Common Strawberry Diseases in Florida



Phytophthora crown rot
(*Phytophthora cactorum*)



Colletotrichum crown rot
(*Colletotrichum gloeosporioides*)



Charcoal rot
(*Macrophomina phaseolina*)



Pestalotia Leaf Spot and Fruit Rot
(*Neopestalotiopsis* sp.)



Botrytis fruit rot
(*Botrytis cinerea*)



Anthracnose fruit rot
(*Colletotrichum acutatum*)



Powdery mildew
(*Podosphaera aphanis*)



Angular leaf spot
(*Xanthomonas fragariae*)



Leather rot
(*Phytophthora cactorum* or *P. nicotianae*)



Phomopsis leaf blight and soft rot
(*Phomopsis obscurans*)



Stem-end rot and leaf blotch
(*Gnomonia comari*)

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Fungicide recommendations on this poster are provided for general information only. All fungicides must be applied in accordance with label directions. Not all fungicides or all formulations available for strawberry are listed in the table. The use of trade names in this publication is solely for the purpose of providing specific information. UF/IFAS does not guarantee or warrant the products named, and references to them in this publication do not signify our approval to the exclusion of other products of suitable composition. All chemicals should be used in accordance with directions on the manufacturer's label.

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Resources

Strawberry Advisory System App (SAS)



Fungicide	Active ingredient	Group ¹	Target Disease							
			AFR	BFR	PM	ALS	CCR	PCR	NPT	BFR ²
Topsin	thiophanate-methyl	1	-	-	-	-	++	-	-	***
Rovral	iprodione	2	-	++	-	-	-	-	-	*
Inspire	difenoconazole	3	+	-	+	-	-	nd	-	nd
Rhyme	flutriafol	3	-	-	+	-	-	nd	-	nd
Rally	myclobutanil	3	-	-	+	-	-	nd	-	nd
Tilt	propiconazole	3	++	-	+	-	-	nd	+	nd
Mettle	tetraconazole	3	+	-	+	-	-	nd	-	nd
Procure	triflumizole	3	-	-	+	-	-	nd	-	nd
Quilt Xcel	azoxystrobin + propiconazole	3 + 11	++	+	+	-	-	++	-	nd
Quadris Top	azoxystrobin + difenoconazole	3 + 11	+	+	+	-	-	++	-	nd
Abound	azoxystrobin	11	+	+	+	-	-	++	-	***
Cabrio	pyraclostrobin	11	+	+	+	-	-	++	-	***
Flint	trifloxystrobin	11	+	+	+	-	-	++	-	***
Evito	fluoxastrobin	11	+	+	+	-	-	++	-	***
Ridomil	mefenoxam	4	-	-	-	-	-	-	+++	nd
Orondis Gold	mefenoxam + oxathiapiprolin	4 + 49	-	-	-	-	-	-	+++	nd
Fontelis	penthiopyrad	7	+	+	+	-	-	-	-	**
Kenja	isofetamid	7	nd	+++	-	-	-	-	-	*
Luna Flex	fluopyram + difenoconazole	7 + 3	+	++	++	-	-	-	-	nd
Luna Tranquility	fluopyram + pyrimethanil	7 + 9	-	+	++	-	-	-	-	***
Luna Sensation	fluopyram + tryfloxystrobin	7 + 11	+	+	++	-	-	-	-	***
Merivon	fluxapyroxad + pyraclostrobin	7 + 11	+	+	++	-	-	++	-	***
Pristine	boscalid + pyraclostrobin	7 + 11	+	+	+	-	-	++	-	***
Miravis Prime	pydiflumetofen + fludioxonil	7 + 12	++	+++	††	-	-	++	+	*
Scala	pyrimethanil	9	-	+	-	-	-	-	-	***
Switch	cyprodinil + fludioxonil	9 + 12	++	+++	nd	-	-	++	++	**
Quintec	quinoxifen	13	-	-	+	-	-	-	-	nd
Elevate	fenhexamid	17	-	++	-	-	-	-	-	**
Captivate	captan + fenhexamid	17 + M4	+	-	-	-	-	+	-	**
Proливо	pyriofenone	50	-	-	++†	-	-	-	-	nd
Torino	cyflufenamid	U6	-	-	++	-	-	-	-	nd
many brands	copper	M1	-	-	-	+	-	-	-	nd
many brands	sulfur	M2	-	-	+++	-	-	-	-	nd
Thiram	thiram	M3	++	+++	-	-	-	+	++	nd
Captan	captan	M4	+++	++	-	-	-	++	+	nd
Actigard	acibenzolar-s-methyl	P01	+	-	-	++	-	-	+	nd
Aliette	fosetyl-Al	P07	-	-	-	-	-	-	-	nd
many brands	phosphites	P07	-	-	-	-	-	-	++	nd

¹**FRAC group** = Group numbers and letters are used to distinguish the fungicide mode of action. All fungicides within the same group (with same number or letter) indicate same active ingredient or similar mode of action. This information must be considered for the fungicide resistance management decisions. M = multi-site inhibitors; U = unknown, or a mode of action that has not been classified yet; P = host plant defense inducers. Source: FRAC Code List 2022: <http://www.frac.info/> (FRAC = Fungicide Resistance Action Committee).

AFR = Anthracnose Fruit Rot; **BFR** = Botrytis Fruit Rot; **PM** = Powdery Mildew; **ALS** = Angular Leaf Spot; **CCR** = Colletotrichum Crown Rot; **PCR** = Phytophthora Crown Rot; **NPT** = Neopestalotiopsis (++) = good efficacy; (++) = moderate efficacy; (+) = low efficacy; (-) = no efficacy or not labeled; (nd) = no data, or inconclusive, based on field trials conducted at the University of Florida, GCREC. Note: efficacy for NPT based on a combination of field and lab trials. †based on only one trial

²**BFRr**: Fungicide resistance of Botrytis populations recovered from Florida strawberry fields (***) = widespread; (**) = moderate frequency; (*) = low or absent; (nd) = not determined