

Fungicide	Active Ingredient(s)	FRAC CODE	Resistance Risk	Angul leaf spot	Anthrac fruit rot	Anthrac crwn rot	Gray mold	Phytoph root rot	Powdery mildew	REI (h) / PHI (d)	Fungicide Resistance Management Guidelines
				L	H	H	H*	L*	H		
fixed copper	fixed copper	M1	L	x						24h/0d	Protectants, multi-site Mode of Action (MOA), use alone, or tank mix and rotate with high-risk fungicides
Thiram 24/7	thiram	M3	L		x		x			24h/1d	
Captan	captan	M4	L		x		x			24h/1d	
Captevate	captan + fenhexamid	M4 + 17	L		x		x			24h/0d	No more than 2 consecutive applications
Topsin M	thiophanate-methyl	1	H*			x	x			12h/1d	Not recommended or gray mold any longer; widespread resistance
Rovral	iprodione	2	M*				x			24h/-	Only 1 spray/season allowed @ early bloom
Rally	myclobutanil	3	M						x	24h/0d	Tank mix and rotate with other FRAC codes
Procure	triflumizole	3	M						x	12h/1d	
Ultra Flourish	mefenoxam	4	H*					x		12h/0d	Can be applied as spray or through drip irrigation
MetaStar	metalaxyl	4	H*					x		not rec	
Ridomil Gold	mefenoxam	4	H*					x		12h/0d	
Fontelis	penthiopyrad	7	H*				x			12h/0d	No more than 2 applications per season recommended
Scala	cyprodinil	9	H*				x			12h/1d	Use only once per season due to resistance concerns
Abound, Azaka	azoxystrobin	11	H*		x	x				4h/0d	No more than 2 applications per season recommended. Do not use Pristine or Merivon for routine gray mold control if other options are available. ONLY use if gray mold AND anthracnose are a problem
Cabrio	pyraclostrobin	11	H*		x	x				24h/0d	
Merivon	fluxapyroxad + pyraclostrobin	7 + 11	H*		x	x	x			12 h/0d	
Pristine	boscalid + pyraclostrobin	7 + 11	H*		x	x	x			12 h/0d	
Quilt Xcel	propiconazole + azoxystrobin	3 + 11	H*		x	x			x	12h/0d	No more than 2 applications per season recommended
Quadris Top	difenoconazole + azoxystrobin	3 + 11	H*		x	x			x	12h/0d	
Adament	tebuconazole + trifloxystrobin	3 + 11	H*		x	x			x	not reg	
Quintec	quinoxifen	13	H						x	24h/1d	Tank mix and rotate with other FRAC codes
Switch	cyprodinil + fludioxonil	9 + 12	M		x	x	x			12h/0d	No more than 2 applications per season recommended
Elevate	fenhexamid	17	H*				x			4h/0d	No more than 2 applications per season recommended
phosphorous acid	phosphorous acid	33	L					x		12h/0d	See label for use instructions
Alette	fosetyl-AI	33	L					x		12h/0d	Use as preplant dip or spray application, see label

Fungicide resistance management guidelines for strawberries grown in the Southeast; modified from mid-Atlantic Guide

Same color fungicides belong to the same chemical class or FRAC code; M = multi-site mode of action (MOA), numbered codes = chemistries with similar, single MOA; Risk management: L = low risk, M = moderate risk or H = high risk for fungicide resistance to develop; * = resistance reported on East Coast; x = resistance widespread on East Coast; High-risk fungicides with similar MOA (i.e. same FRAC code number) should not be sprayed consecutively