

	Active Ingredient(s)	FRAC CODE	Resistance Risk	Angul leaf spot	Anthrax fruit rot	Anthrax crwn rot	Gray mold	Phytoph root rot	Powdery mildew	REI (h) / PHI (d)	Fungicide Resistance Management Guidelines
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 for 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	
Tilt	propiconazole	3	M		x				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	penthioopyrad	7	H				x			12h/0d	No more than 2 applications per season recommended
Isfetamid	isofetamid	7	H				x				
Scala	cyprodinil	9	H				x			12h/1d	Use only once per season due to resistance concerns
Abound, Azaka	azosystrobin	11	H		x	x				4h/0d	No more than 2 applications per season recommended.
Cabrio	pyraclostrobin	11	H		x	x				24h/0d	
Merivon	fluxapyroxad + pyraclostrobin	7 + 11	H		x	x	x			12 h/0d	Do not use 7/11 mixtures routinely for gray mold control. ONLY use if gray mold AND anthracnose are a problem
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
Ph-D, OSO	polyoxin D	19	L				x		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
Aliette	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; Resistance risks: L = Low risk, M = moderate risk, H = high risk; x = huge resistance problem on East Coast; x = resistance problems possible; High-risk fungicides with similar MOA (i.e. same FRAC code number) should not be sprayed consecutively