

Citrus Disease Management Spray Timing Schedule

Shaded areas represent suggested spray periods. Refer to the annual Florida Citrus Production Guide for more details.

O Oranges
 G Grapefruit
 V 'Valencia'
 T Tangerines and hybrids
 A All varieties
 / Optional applications

DISEASE	FRUIT MARKET	Flowering		Fruit Development									
		JAN	FEB	MAR	Fruit Set								
					APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
Black spot ^a	Processed/fresh				A	A	A	A	A	A			
Greasy spot ^b	Processed/fresh					O	O	O	O	O			
	Processed					V	V						
Canker	Processed/fresh				O	O	O	O					
					G	G	G	G	G	G	G		
					V	V	V						
					T	T	T						
Melanose ^c	Fresh				G	G	G						
Alternaria brown spot ^d	Fresh				T	T	T						
Citrus scab ^e	Fresh		G	G	G								
			T	T	T								
Postbloom fruit drop ^f	Processed/fresh	O	O	O									
				V									
Phytophthora root rot ^g	Processed/fresh			A		A	A		A			A	A
Phytophthora brown rot ^h	Fresh							O	O		O		
Algal spot ⁱ	Fresh	A	A			A		A					

^aOptional application if there are high rainfall amounts in April, otherwise begin applications in early May

^bOptional application in late July–early August if infection was severe and has caused defoliation in the previous year

^cApply copper every three weeks

^dFrequency of sprays depends on amount of rainfall; start applications at ¼ to ½ full expansion with the second spray at petal fall; see Florida Citrus Production Guide Fundamentals for more details

^eApply first application at ¼" flush; second application at petal fall; and third application three weeks after petal fall; application time will vary depending on year and location, but typically begins mid-February

^fMake applications only if there is sufficient bloom to warrant the application. Follow recommendations of Citrus Advisory System (agroclimate.org/tools/cas) for application timing

^gApply when phytophthora threshold is above 20 propagules/cm² of soil

^hUsually only occurs in groves with phytophthora history

ⁱPhosphite fungicide at 0.5 gal/acre is the best option currently