

Citrus Spray Timing Chart For SACOA BIOPEST® Paraffinic Oil

This chart provides a guide for the timing of sprays for pests that can be managed with BIOPEST®. Refer to How To Use section on website

(www.sacoa.com.au/citrus.htm) or in BIOPEST® Citrus booklet for details on rates etc (contact SACOA for a copy - 08 9386 7666).

Note: This is a guide only. Status of each pest varies regionally and monitoring is critical to avoid unnecessary or poorly timed sprays.

Source: Citrus Pests and Their Natural Enemies, Smith et al 1997 and "Orchard Pest and Disease Management guide Ag WA Bulletin No 4313", amended.

PESTS	MONTH											
	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
Aphids												
(Black) Citrus aphid		D		D	D	M				M	D	D
Hard/Armoured Scales												
Chaff scale		M	D	D	D	D	D	M	M			
Circular black scale		M	M	D	D	D	D	M	M			
Glover's scale		M	M	D	D	D	D	D	M			
Purple scale		M	M	D	D	D	D	D	M			
Red scale		M	M	D	D	D	D	D	M			
Yellow scale		M	M	D	D	D	D	D	M			
Soft Scales												
Black scale		M	D	D	D	D	D	D	M			
Citricola scale		M	M	M	M	D	D	D	M			
Florida wax scale		M	M	D	D	D	D	M	M			
Green coffee scale		M	M	D	D	D	D	M	M			
Hard wax scale		M	M	M	M	D	D	D	D	M		
Hemispherical scale		M	M	D	D	D	D	M				
Long soft scale		M	M	D	D	D	D	M				
Nigra scale		M	M	D	D	D	D	M				
Pink wax scale		MM	D	D	D	D	D	D	M			

PESTS	MONTH											
	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
Soft Scales												
Cottony citrus scale		M	M	D	D	D	D	M	M			
Soft brown scale		M	M	D	D	D	D	M	M			
White wax scale		M	M	D	D	D	D	D	D	D		
Mealybug												
Citrophilous mealybug		M	M	D	D	D	D	M	M			
Longtailed mealybug		M	M	D	D	D	D	M	M			
Rastrococcus mealybug		M	M	M	M	D	D	D	D	M		
Thrips												
Greenhouse thrips		M	M	D	D	D	D	M	M			
Whiteflies												
Citrus whitefly		M	M	D	D	D	M	M	D	D	M	
Leafminer												
Citrus leafminer	M	M	M	M	M,D	M,D	M,D	M,D	M,D	M,D	M	M
Mites												
Brown citrus mite		M	M	D	D	D	D	D	D	M	M	
Citrus red mite		M	D	D	D	D	D	D	D	D	D	M
Citrus rust mite		M	D	D	D	D	D	D	D	M	M	
Flat mites		M	D	D	D	D	D	D	D	M	M	

M - Pest Monitoring Period

D - Pest Activity/Damage Period

All areas	Queensland
All areas, except early varieties in QLD	Central NSW coast