

Spray Decision Guide

Comprehensive list of **in-field** pesticides and fungicides available to the papaya industry for pest and disease control. **Current as of October 2025**. This list is designed as a guide to help inform spray decisions by presenting a full list of options and is not to be solely relied on. Always read the label and/or permit before making a spray decision and follow label directions.

Active	Tradename (s)	Status	Target Pest/Disease	Notes
Abamectin	Sorcerer	Registered	Two-spotted mite	WHP = 7 days
Acetamapirid & Pyriproxyfen	Trivor	Permitted (PER89943)	Fruit-spotting bug Queensland fruit fly Mediterranean fruit fly Scale insects Mealybugs Leafhoppers Plant hoppers	WHP = 28 days Permit expires 30-Sep-2027 https://permits.apvma.gov.au/PER89943.PDF
<i>Bacillus amyloliquefaciens</i> strain QST713	Serenade Opti	Registered	Antrachnose Stem end rot	WHP = N/A
<i>Bacillus amyloliquefaciens</i> strain QST713	Serenade Prime	Registered	Antrachnose Stem end rot	WHP = N/A
Beta-Cyfluthrin	Bulldock	Permitted (PER13671)	Fruit-spotting bug	WHP = 3 days Permit expires 30-Nov-2027 https://permits.apvma.gov.au/PER13671.PDF
Bifenazate	Acramite	Registered	Two-spotted mite	WHP = 7 days
Chlorothalonil	Bravo/Barrack/Conan	Permitted (PER12592)	Black spot Brown spot	WHP = 3 days Permit expires 31-Jan-2030 https://permits.apvma.gov.au/PER12592.PDF
Copper (Cupric) Hydroxide	Champ/Kocide/Vitra	Permitted (PER14417)	Papaya fruit rot	WHP = 1 day Permit expires 30-Sep-2029 https://permits.apvma.gov.au/PER14417.PDF
Difenoconazole	Score/Bogard	Permitted (PER12592)	Black spot	WHP = 3 days Permit expires 31-Jan-2030 https://permits.apvma.gov.au/PER12592.PDF
Dimethoate		Permitted (PER13859)	Orchard cleanup - fruit fly host crops following harvest	WHP = N/A Permit expires 31-May-2030 https://permits.apvma.gov.au/PER13859.PDF
Etoxazole	Paramite	Permitted (PER14098)	Two-spotted mite	WHP = 7 days Permit expires 31-Mar-2028 https://permits.apvma.gov.au/PER14098.PDF
Fenbutatin Oxide	Vendex	Permitted (PER14097)	Two-spotted mite	WHP = 7 days Permit expires 31-Mar-2028 https://permits.apvma.gov.au/PER14097.PDF
Fludioxonil	Scholar	Permitted (PER89170)	Antrachnose Stem end rot	Apply as post-harvest dip or flood spray WHP = N/A Permit expires 28-Feb-2029 https://permits.apvma.gov.au/PER89170.PDF
Fluopyram + Trifloxystrobin	Luna Senation	Registered	Black spot Brown spot	WHP = 3 days
Flupyradifurone	Sivanto Prime	Registered	Fruit-spotting bug	WHP = 3 days
Isocycloseram	Vertento	Registered	Fruit-spotting bug	WHP = 7 days
Maldison	Hy-mal	Permitted (PER1205)	Papaya fruit fly Queensland fruit fly	Only to be used in Male Annihilation Technique WHP = 3 days Permit expires 30-Jun-2028 https://permits.apvma.gov.au/PER1205.PDF
Mancozeb	Mancozeb/Dithane Rainshield	Registered	Black spot	WHP = 1 day
Metalaxyl	Ridomil/Zeemil	Permitted (PER14490)	Phytophthora root rot Pythium	WHP = N/A Permit expires 31-Mar-2027 https://permits.apvma.gov.au/PER14490.PDF
Phosphorus Acid	Agri-fos	Permitted (PER14490)	Phytophthora root rot Pythium	WHP = N/A Permit expires 31-Mar-2027 https://permits.apvma.gov.au/PER14490.PDF

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Potassium Salts of Fatty Acids	Natrasoap/Hitman	Registered	Aphids Thrips Mealybugs Two-spotted mite Spider mite Whitefly	WHP = N/A
Prochloraz		Registered	Antrachnose Stem end rot	WHP = N/A
Propamocarb	Proplant	Permitted (PER91912)	Pythium	WHP = N/A Permit expires 31-Dec-2026 https://permits.apvma.gov.au/PER91912.PDF
Spinetoram	Success Neo	Registered	Caterpillars (various)	WHP = N/A
Spinosad	Entrust Organic/Naturalure	Registered	Caterpillars (various) Mediterranean fruit fly Queensland fruit fly	WHP = N/A
Sulfoxaflor	Transform	Registered	Fruit-spotting bug Mealybugs	WHP = 3 days
Sulphur		Registered	Powdery mildew	WHP = N/A
Tebuconazole	Folicur	Registered	Black spot	WHP = 3 days
Triadimenol	Cougar/Dimenol	Registered	Powdery mildew	WHP = 7 days
Trichlorflon	Lepidex/Dipterex	Registered & Permitted (PER12450)	Fruit-spotting bug (registered) Queensland fruit fly Mediterranean fruit fly (permitted)	WHP = 7 days Permit for QFly and Med Fly. Expires 31-Aug-2030 https://permits.apvma.gov.au/PER12450.PDF