

Persimmon information kit

Reprint – information current in 2005



REPRINT INFORMATION – PLEASE READ!

For updated information please call 13 25 23 or visit the website www.deedi.qld.gov.au

This publication has been reprinted as a digital book without any changes to the content published in 2005. We advise readers to take particular note of the areas most likely to be out-of-date and so requiring further research:

- Chemical recommendations—check with an agronomist or Infopest www.infopest.qld.gov.au
- Financial information—costs and returns listed in this publication are out of date. Please contact an adviser or industry body to assist with identifying more current figures.
- Varieties—new varieties are likely to be available and some older varieties may no longer be recommended. Check with an agronomist, call the Business Information Centre on 13 25 23, visit our website www.deedi.qld.gov.au or contact the industry body.
- Contacts—many of the contact details may have changed and there could be several new contacts available. The industry organisation may be able to assist you to find the information or services you require.
- Organisation names—most government agencies referred to in this publication have had name changes. Contact the Business Information Centre on 13 25 23 or the industry organisation to find out the current name and contact details for these agencies.
- Additional information—many other sources of information are now available for each crop. Contact an agronomist, Business Information Centre on 13 25 23 or the industry organisation for other suggested reading.

Even with these limitations we believe this information kit provides important and valuable information for intending and existing growers.

This publication was last revised in 2005. The information is not current and the accuracy of the information cannot be guaranteed by the State of Queensland.

This information has been made available to assist users to identify issues involved in persimmon production. This information is not to be used or relied upon by users for any purpose which may expose the user or any other person to loss or damage. Users should conduct their own inquiries and rely on their own independent professional advice.

While every care has been taken in preparing this publication, the State of Queensland accepts no responsibility for decisions or actions taken as a result of any data, information, statement or advice, expressed or implied, contained in this publication.



Queensland Government



Handy **GUIDES**

This chapter lists common pests and diseases of sweet persimmon and the chemicals registered for their control. Withholding periods are indicated for individual chemicals.

This chapter also provides the trade names of the chemicals and their registration status in the different states of Australia.

These registrations are current in June 2005, but are subject to continuous change. Always check the label before use. Updated information on registrations can be obtained from your chemical supplier, Infopest or the Australian Pesticide and Veterinary Medicines Authority (APVMA).

Disclaimer

This is a guide only. The product label is the official authority—use it to confirm all data relating to use of a chemical. In no event will the authors or their respective organisations be liable for any damages whatsoever resulting from use of the data in this handy guide.

Sweet persimmon pest, disease and postharvest treatments

	sulfur	petroleum oil	chlorothalonil	fenthion	tebufenozide	endosulfan	mancozeb	methidathion	buprofezin	chlorpyrifos	1-methylcyclopropene	dimethoate
Withholding period	0	1	7	7	7	1	1	21	56	NA	NA (PH)	NS (PH)
Insects												
Ants										♣		
Broad mite	♣											
Caterpillars						♣						
Cluster caterpillar										♣		
Coastal brown ant										♣		
Fruit flies				♣								
Fruitspotting bugs						♣		♣				
Greenhouse thrips				♣								
Leafroller (Tortrix) caterpillars					♣							
Lightbrown apple moth					♣			♣				
Loopers						♣						
Mealybugs				♣				♣	♣			
Mediterranean fruit fly												♣
Orange fruitborer					♣							
Queensland fruit fly				♣								♣
Scale insects		♣						♣	♣			
Yellow peach moth					♣							

Key:

NA – not applicable

NS – none supplied on label

PH – post harvest

♣ – indicates that a trade product containing the active ingredient is registered in at least one Australian state or territory. Note that different trade names have different withholding periods. Check the label before use.

	sulfur	petroleum oil	chlorothalonil	fenthion	tebufenozide	endosulfan	mancozeb	methidathion	buprofezin	chlorpyrifos	1-methylcyclopropene	dimethoate
Withholding period	0	1	7	7	7	1	1	21	56	NA	NA (PH)	NS (PH)
Post-harvest treatments												
Acidity maintenance											✓	
Firmness improvement/maintenance											✓	
Freshness extension/retention											✓	
Mealiness reduction											✓	
Quality improvement-crop/fruit											✓	
Diseases												
Cercospora leaf spot			✓									
Leaf spot							✓					

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Sweet persimmon – other registrations

	garlic plus chilli plus pyrethrins plus piperonyl butoxide	pyrethrins plus piperonyl butoxide plus garlic extract	pyrethrins plus piperonyl butoxide	maldison	yeast autolysate plus maldison	metalddehyde	methiocarb	Bacillus thuringiensis var. kurstarki (Btk)	acetoxyphenyl/butanone plus maldison	aluminium ammonium sulfate plus sucrose octa-acetate
Withholding period	1	1	1	3/NS	3	7	7	NA	NA	NA
Other registrations*										
Adhesion control										
Aphids										
Bactericide										
Birds										5
Caterpillars	5		5					5		
Common garden snail							5			
Freshness extension/retention										
Fruit flies				5	5					
Hygiene										
Leafhoppers	5	5	5							
Lightbrown apple moth	5							5		
Mealybugs										
Native budworm								5		
Plague thrips	5									
Queensland fruit fly				5					5	
Scale insects										
Shelf life extension										
Slugs						5	5			
Thrips	5	5	5							
Two-spotted (red spider) mite										
White bradybaena snail							5		5	
Whiteflies	5	5	5							

*Other registrations include:

Orchards
Fruit
Fruit – Post-harvest
Fruit – Trees
Fruit – Tropical
Crops – Horticultural

Key:

NA – not applicable
NS – none supplied on label
PH – post harvest
5 – indicates that a trade product containing the active ingredient is registered in at least one Australian state or territory. Note that different trade names have different withholding periods. Check the label before use.

	fatty acids—K (potassium) salt	hydroxyphenylbutanone acetate	hydroxyphenylbutanone acetate plus maldison	iodine	potassium linolate plus potassium oleate plus others	chlorine as calcium hypochlorite	chlorine as chlorine dioxide	lauryl alcohol ethoxylate	spinosad	sulphur as polysulphide
Withholding period	NA	NS	NA	NA (PH)	NA	NA (PH)	NA (PH)	NS	NS	NS
Other registrations*										
Adhesion control								∩		
Aphids					∩					
Bactericide				∩			∩			
Birds										
Caterpillars										
Common garden snail										
Freshness extension/retention							∩			
Fruit flies									∩	
Hygiene						∩				
Leafhoppers										
Lightbrown apple moth										
Mealybugs	∩				∩					
Native budworm										
Plague thrips										
Queensland fruit fly		∩	∩						∩	
Scale insects										∩
Shelf life extension							∩			
Slugs										
Thrips	∩				∩					
Two-spotted (Red spider) mite	∩				∩					∩
White bradybaena snail										
Whiteflies	∩				∩					

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Chemical trade names and state registrations

Chemical	Trade name
1-methylcyclopropene	Smartfresh
acetoxypheylbutanone plus maldison	Q Fly Wick
aluminium ammonium sulfate plus sucrose octa-acetate	D-TER
Bacillus thuringiensis var. kurstarki (Btk)	Dipel DF, Full-BAC WDG, Delfin WG
buprofezin	APVMA Permit
chlorothalonil	APVMA Permit
chlorpyrifos	APVMA Permit
chlorpyrifos	APVMA Permit (500g/L)
chlorpyrifos	APVMA Permit (750g/kg)
chlorine as calcium hypochlorite	Activ 8, Hypochlor
chlorine as chlorine dioxide	Horticare
dimethoate	Dimethoate Insecticide, Dimethoate, Dimethoate 400, Dimethoate Insecticide, Dimethomax, Per3320- Dimethoate/QFF, Rogor, Romethoate, Saboteur, Unidime 400
endosulfan	APVMA Permit (350g/L)
fatty acids–K salt	Natrasoap
fenthion	Lebaycid
garlic plus chilli plus pyrethrins plus piperonyl buto	Beat-A-Bug Concentrate
hydroxyphenylbutanone acetate	Fruit Fly Attractant
hydroxyphenylbutanone acetate plus maldison	Q-Fly
hydroxyphenylbutanone acetate plus maldison	Dak Pot Trap C165
iodine	Biomaxa Iodine Granules
maldison	APVMA Permit
maldison	APVMA Permit (1150g/L)
maldison	Hy-Mal, Maldison 500
mancozeb	APVMA Permit (800g/kg)
metaldehyde	Blitzem – Pellets, Slugout
methidathion	APVMA Permit (,00g/L)
methiocarb	Mesurool Snail & Slug Bait
petroleum oil	APVMA Permit
potassium linolate plus potassium oleate plus others	Neemtech
pyrethrins plus piperonyl butoxide	Pyrethrum Insecticide, Py-BO
pyrethrins plus piperonyl butoxide plus garlic extract	Garlic Insecticide
spinosad	Naturalure
sulphur as polysulphide	Lime Sulphur
sulfur	APVMA Permit
tebufenozide	APVMA Permit (700g/kg)
yeast autolysate+maldison	APVMA Permit
lauryl alcohol ethoxylate	Bowa 200

Qld	NSW	Vic	SA	WA	NT	Tas	ACT	Chemical type
Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	PGR
Yes	No	No	No	Yes	No	No	No	Group 1B Insecticide
Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Animal/bird Repellent
Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Group 11C Insecticide
Yes	No	No	No	No	No	No	No	Group 17A Insecticide
Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	Group Y Fungicide
Yes	No	No	No	No	No	No	No	Group 1B Insecticide
Yes	Yes	No	Yes	Yes	No	No	No	Group 1B Insecticide
Yes	No	No	No	No	No	No	No	Group 1B Insecticide
Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Bactericide,Algicide
Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Sanitiser
Yes	Yes	No	No	Yes	Yes	No	Yes	Group 1B Insecticide
No	Yes	No	No	Yes	No	No	No	Group 2A Insecticide
Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Insecticide
Yes	Yes	Yes	No	Yes	Yes	No	No	Group 1B Insecticide
Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Group 3A Insecticide
Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Pheromone
No	Yes	No	No	Yes	No	No	No	Group 1B Insecticide
Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Group 1B Insecticide
Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Fungicide, Bactericide
No	Yes	No	No	No	No	No	No	Group 1B Insecticide
No	Yes	No	No	No	No	No	No	Group 1B Insecticide
Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Group 1B Insecticide
Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	Group Y Fungicide
Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Insecticide(molluscicide)
Yes	Yes	No	Yes	Yes	No	No	No	Group 1B Insecticide
Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Group 1A Insecticide
Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	Insecticide,spreader
Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Insecticide
Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Group 3A Insecticide
Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Group 3A Insecticide
Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Group 5A Insecticide
Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Inorganic
Yes	No	No	No	No	No	No	No	Scabicide, Macro Element
Yes	Yes	No	No	No	No	No	No	Group 16A Insecticide
No	No	No	No	No	Yes	No	No	Group 1B Insecticide
Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Spray Adjuvant