

Capsicum and chilli information kit

Reprint – information current in 1999



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 1999. We advise readers to take particular note of the areas most likely to be out-of-date and so requiring further research: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- Financial information—costs and returns listed in this publication are out of date.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 1999. 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 the production of capsicum and chilli. 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

Problem Solver

HANDY GUIDE

for capsicum and chilli pests

Handy Guide 1



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 shall the authors or their respective organisations be liable for any damages whatsoever resulting from use of the data in this handy guide.

SAFETY FIRST
Read the label
Follow the directions

June 1999



Withholding period (days)

Active constituent

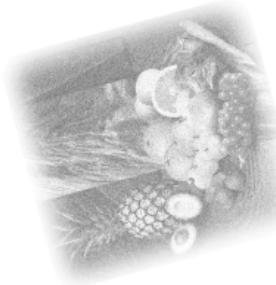
	Aphids	Budworms	Caterpillars (incl. cluster and looper)	Crickets	Cutworms	Eggfruit caterpillar	Fruit flies	Green peach aphid	Green vegetable bug	Jassids	Leafhopper	Melon thrips	Native budworm	Potato moth	Queensland fruit fly	Rutherford bug	Silvertail whitley	Spider mites	Soil insects	Thrips	Tomato grub	Tomato russet mite	Two-spotted mite	Western flower thrips	Wingless grasshoppers
B.t. (k) (NRA permit)	✓																								
chlorpyrifos (bait)		✓																							
lime sulfur																									
chlorpyrifos (baill)			✓																						
methomyl				✓																					
petroleum oil (NRA permit)					✓																				
abamectin (NRA permit)						✓																			
dimethoate (NRA permit)							✓																		
detemethrin (NRA permit)								✓																	
disulfoton									✓																
imidacloprid (NRA permit)										✓															
imidacloprid											✓														
fenthion												✓													
parathion-methyl													✓												
metiramiphos														✓											
metiramiphos															✓										
diiazinon																✓									
propargite																	✓								
imidacloprid (NRA permit)																		✓							
methidichlorid (NRA permit)																			✓						
metiramiphos (NRA permit)																				✓					
metiramiphos																					✓				
dimethoate																						✓			
dimethoate (post-harvest)																							✓		
daconat																								✓	
dicofol																									
Kethane: Milt-Fol																									
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Crop Production

HANDY GUIDE

for capsicum and chilli

July 1999



Handy Guide 2

	Pre-plant	Planting to early fruit set	Early fruit set to first harvest	During harvest	After harvest
Time from planting					
Time for each stage					
Management objectives	Well-prepared ground with no pest host plants around the block.	Establish a uniform plant stand. Grow a plant with good leaf cover. Start setting the crop.	Maintain plant health and control pests. Maintain moisture levels. DO NOT allow plants to stress.	Maintain plant health and control pests. Harvest carefully to maximise saleable crop.	Clean up the field to prevent pest, disease and weed problems in future crops.
Weed control	Do not allow weeds to seed.	Control weeds, cultivate and/or apply herbicide.	Control weeds in the interrows and rows of unmulched crops.	Control weeds in the interrows.	Do not allow weeds to seed.
Pest and disease control	Ensure all plant residue has been broken down. Treat for nematodes if indicated by tests or previous crops. Calibrate spray equipment.	Monitor for and control cutworm, wireworm, aphids and heliothis. Spray to control leaf diseases.	Monitor for pests and diseases. Control aphids, eggfruit caterpillar, heliothis, mites and fruit fly. Spray every 7 to 10 days to control leaf diseases. Control other diseases as necessary. Crush reject fruit.	Monitor for pests and diseases. Control aphids, eggfruit caterpillar, heliothis, mites and fruit fly. Spray every 7 to 10 days to control leaf diseases. Control other diseases as necessary. Crush reject fruit.	Check plant roots for signs of nematodes. Spray with a desiccant herbicide, remove plastic mulch and trickle tape, and then cultivate in crop residue.
Plant nutrition	Apply lime or dolomite if required. Apply pre-plant fertiliser.	Apply trace elements if necessary. Start to monitor plant nutrient levels with sap tests at early budding.	Monitor plant nutrient levels with sap tests. Apply fertiliser if necessary.	Monitor plant nutrient levels with sap tests.	
Sap nutrient levels			Nitrogen 4000 – 5000 mg/kg Potassium 5000 mg/kg	Nitrogen 2000 – 2500 mg/kg Potassium 5000 mg/kg	Nitrogen 1000 mg/kg Potassium 5000 mg/kg
Irrigation	Lay trickle tape and plastic mulch.	Keep soil moist until plants are established. Install tensiometers in pairs, at 15 – 20 cm and 45 cm, one pair per block or 5 ha. Irrigate at 10 – 25 centibars on tensiometers.	Good water management is critical through this period. Maintain soil moisture at 10 – 25 centibars on tensiometers.	Maintain even soil moisture; irrigate at 10 – 25 centibars on tensiometers.	