

Tropical banana information kit

Reprint – information current in 1998



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 1998. We advise readers to take particular note of the areas most likely to be out-of-date and so requiring further research: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- Financial information—costs and returns listed in this publication are out of date.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 1998. 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 tropical banana. 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 tropical banana pests

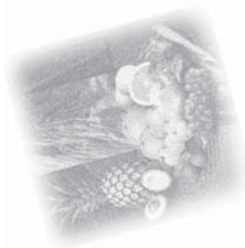
Handy Guide 1

SAFETY FIRST

Read the label
Follow the directions
Wear protective clothing

AgriLink
Your partner in sustainable water farming

August 1998



Active ingredient: Trade names	Fipronil: Regent 200 SC, Regent 800 WG	Clofentezine: Apollo SC	Ethoprophos: Mocap	Oxamyl: Vydale L	Prothiofos: Tokution	Fenamiphos: Nemaicur	Ethoprophos: DPI approval for 100g/kg product	Fenbutatin Oxide: Torque	Pyridaben: Sannite	Dimethoate: DPI approval for 400g/l product	Dimethoate: NFA Open Use Permit 514 for injection of Dimethoate (Rhône-Poulenc)	Dicofol: Kethane EC, Mititol EC	Fenithion: Lebaycid	Propagite: Omite WG, Omite 300W	Dimethoate: Dimethoate, Dimethoate 400, Rogor, Dimethoate 400 EC, Perfekthion EC 400, Saboteur 400, Roxion 400, Saboteur	Bifenthrin: Talstar 80 SC	Bifenthrin: Talstar 100 EC	Monocrotophos: Azodrin 400, Monocron 400	Endosulfan: 350 EC Bar, Endosulfan 350 EC, Thiodan	Chlorpyrifos: Chloros, Chlorpyrifos, Chlorpyrifos 500, Chlorpyrifos 500 EC, Chlorpyrifos 250 WP, Cyren 500 EC, Iban 500 EC, Lorsban 500 EC, Lorsban 500W, Pritoz 500 EC, Lorsban 500 EC, Pynnex 250 WP, Pynnex 500 WP, Strike-Out 500 EC	Diazinon: Diazinon 800	Cadusafos: Rugby 100 G	Chlorpyrifos: DPI approval for 10g/kg product	Bendiocarb: Fieam Banana Dust, Fieam D	Omethoate: Follimat 800	Petroleum oil: Albarol, Banana Misting Oil, Banana Spray Oil, D-C-Tron NR, D-C-Tron Plus, Lovis	Fenamiphos: Nemaicur (planting material only)	Dimethoate: Perfekthion EC 400, Saboteur (postharvest material only)	Hunter 150G, Counter B 150G, Counter 150G, Terburforce 150G									
Withholding period (days)	0	0	0	0	0	0	0	1	1	7	7	7	7	7	7	8	8	10	14	14	14	14	14	14	14	56	84	n/a	n/a	n/a	n/a							
Banana aphid																																						
Banana fruit caterpillar																																						
Banana fruit fly																																						
Banana-silvering thrips																																						
Banana spider mite																																						
Banana-spotting bug																																						
Banana weevil borer																																						
Burrowing nematode																																						
Cane grub																																						
Caterpillar																																						
Cluster caterpillar																																						
Flower thrips																																						
Fruit-spotting bug																																						
Fruit fly																																						
Mites																																						
Nematode (other)																																						
Queensland fruit fly																																						
Root-knot nematode																																						
Rust thrips																																						
Scab moth																																						
Scale insects																																						
Spider mites																																						
Spiral nematode																																						
Sugarcane bud moth																																						
Two-spotted mite																																						

NRA: National Registration Authority

Indicates that at least one of the trade products is registered for that use. Check the label before use.

Note: Rogor 400 is not registered for use in Qld against banana-silvering thrips or mites. Chlorpyrifos is not registered for use against caterpillars in Qld.

In Qld only Dimethoate 400 is registered for use against fruit fly.

Problem Solver HANDY GUIDE

for tropical banana diseases

Handy Guide 1

**SAFETY
FIRST**

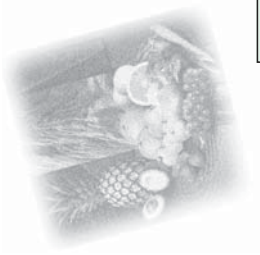
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Your connection to water farming

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Active ingredient: Trade names	Withholding period (days)		Postharvest	
	1	7	n/a	n/a
Propiconazole: Bumper 250 EC, Tilt 250 EC	✓			✓
Tebuconazole: Follicur 430 EC	✓			✓
Benomyl: Benlate	✓			✓
Chlorothalonil: Bravo 500, Chlorothalonil 500, Chlorothalonil 500 SC, Croptop 500, Fung-O-Nil 500 Rover 500	✓			✓
Copper oxychloride: Copper Oxychloride, Copper Oxychloride 50% DF, Copper Oxychloride 50% WP, Cuprox, Lancop 500WP, Vincop	✓			✓
Copper hydroxide: Blue Shield DF, Kocide, Kocide DF, Flo-Bordo	✓			✓
Mancozeb + Petroleum oil: Dithane OC, Penncozeb 420 SC	✓			✓
Mancozeb: DPI approval for 750 – 800g/kg product	✓			✓
Zineb: Zineb	✓			✓
Mancozeb: Bryzeb, Dithane DF, Dithane M-45, Mancozeb, Manzate DF, Mancozeb DG, Penncozeb, Penncozeb 750 DF	✓		✓	✓
Petroleum oil: Albarol, Banana Misting Oil, Banana Spray Oil, D-C-Tron NR, D-C-Tron Plus, Lovis	✓		✓	✓
Kerosene			✓	
Diesel			✓	
Carbendazim: Bavistin FL, Spin, Spin Flo			✓	✓
Prochloraz: Sportak, Mirage, Protak 450 EC			✓	✓
Thiabendazole: Tecto 90				✓

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.



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Crop Production

HANDY GUIDE

for tropical bananas



Handy Guide 2

DISEASES	Essential sprays	For leaf spot, spray 10 – 14 days during all periods conducive to leaf infection. Apply fungicides at full rate with oil. Follow anti-resistance strategies.					
	Deleaf	Remove diseased leaves at regular intervals — 14 – 28 days.					
INSECT PESTS	Essential applications	Bell inject for scab moth, flower thrips.		Bunch treat for rust thrips, sugarcane budmoth.		Bag bunch.	
	Probable applications	Mite flare-ups are most common in hot dry weather — August through to the wet season. Monitor for the presence or absence of mites and predators. If necessary, apply miticide. Banana weevil borer's main activity is in spring and autumn. Monitor with traps and treat when necessary.					
NEMATODES	Essential dipping	Treat planting material (other than tissue-culture) before planting.					
	Probable applications	Monitor for burrowing nematode and treat when disease index is greater than 10.					