

Strawberry information kit

Reprint – information current in 1997



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 1997. We advise readers to take particular note of the areas most likely to be out-of-date and so requiring further research: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- Financial information—costs and returns listed in this publication are out of date.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 1997. 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 strawberry 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.

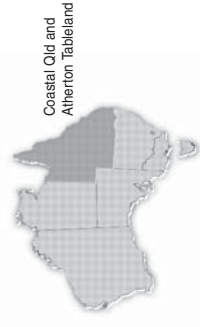


Queensland Government



Crop Production HANDY GUIDE

for Strawberry



Handy Guide 1

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
Crop cycle				Planting		Winter leaf and crown growth		Spring leaf flush	Spring leaf and crown growth			Runner production
Fertilising	Soil analysis	EITHER: Apply required fertiliser in one application before planting and plough in.		OR: Apply required fertiliser in a number of applications between planting and flowering using fertigation.	Leaf analysis and sap analysis as plants start to flower.	Apply fertiliser to adjust nutrients to desired levels.	Sap testing: <ul style="list-style-type: none"> Monthly for nitrogen. At least twice for other nutrients. Apply fertilisers only where nutrient levels fall below desired levels. During August, suspend sap testing and do not apply nitrogen fertiliser. 		Continue sap testing if intending to harvest into November.			
Pest control		Pre-plant fumigation			Spray weekly from planting with Euparen for leaf spots, fruit rots and powdery mildew. Do not mix any other chemicals with Euparen.				Spray separately with Rovral, Ronilan or Sumisclex if grey mould occurs.			Continue pest control schedule if intending to harvest into November.
Watering	Develop an irrigation plan and choose equipment.		Install irrigation system.	Mist plants during the hot part of the day for first 4 or 5 days after planting.	Install tensiometers or Enviroscan after planting.	Water as indicated by tensiometers or Enviroscan. Up to 3 applications per week may be necessary.		Peak water need. Continue as before. Up to 5 applications per week may be necessary.				Continue watering if intending to harvest into November.
Harvesting							Kabarla / Seascope					Normal conclusion of harvesting.
Other	Form beds and lay plastic mulch.				Trim runners and old leaves from plants. Mulch inter-crows.			Order runners for next season.		Start land preparation for next season's crop.		

Crop cycle

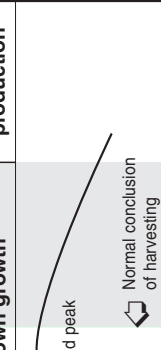
Fertilising

Pest control

Watering

Harvesting

Other



Chemical application rates

NOTE: Rates listed are a guide only. Individual products may vary within the range given. Check the label before use.

Active ingredient: trade names	Product rate		Safe to use with predatory mites
	per 100 L water	per ha	
abamectin: Vertimec	100 mL (no more than 2 sprays/season)		Yes
Bacillus thuringiensis: Delfin	25 g		Yes
benomyl: Benlate	50 g		Yes*
carbaryl: Bugmaster Flowable	200 mL		Yes
carbendazim: Spin	40–50 g		Yes
chlorpyrifos with bran (bait): Chlorfos, Chlorpyrifos, Lorsban, Pirifoz	100 mL + 10 kg bran/ha		N/A
citronella oil + garlic extract: Elf Natural Garlic Spray	use undiluted		Yes
demeton-s-methyl (off label use): Metasystox	100 mL		No
dichlofluanid: Euparen	200 g	2 kg	Yes
dicofol: Kelthane Miti-fof	100 mL 200 mL		No
dimethoate: Perfekthion, Saboteur, Danadim, Dimethoate, Rogor, Roxion, Gomite, Diostop	75 mL		No
endosulfan: Endosulfan, Endosan, Thiodan	190–200 mL		No
fenamiphos: Nemaicur 100G	1 g / plant		No
fenbutatin oxide: Torque		300–700 mL	Yes
hexythiazox: Calibre	25 mL + Torque		Yes
iprodione: Rovral Rovral liquid	100 g 200 mL	2 L	Yes

* only with sprays three weeks apart



Active ingredient: trade names	Product rate		Safe to use with predatory mites
	per 100 L water	per ha	
mancozeb + metalaxyl: Ridomil MZ	100 g + Benlate 50 g		Yes
metaldelyde: Slug & Snail Bait		10–20 kg	N/A
methiocarb: Mesurof		5.5–22 kg	N/A
methomyl: Lannate, Methomex, Marlin, Nudrin	150 mL	1.5 L	No
oxythioquinox (off-label use): Morestan	35 g		No
pirimicarb: Pirimor	35 g		Yes
predatory mites	2 per plant randomly distributed		
prochloraz: Octave	100 g		Yes
procymidone: Sumisclex Flocol	200–300 mL		Yes
propargite: Omite	100 g		Yes
propineb: Antracol	200 g		Yes
rotenone: Derris Dust	dust lightly		Yes
thiram: Thiram	150 g		Yes
trichlorfon: Dipterex	200 mL		No
undefined: Natrasoap	1–2 L + 200 mL Codacide oil		Yes
vinclozolin: Ronilan 500 FL Ronilan	75–100 mL 75–100 g		Yes
zineb: Zineb, Curit, Cyneb	175 g		Yes