

## What To Use Organic Gardeners

### Insects

Grosafe Enspray 99 for mull sucking insects such as aphids, mites, thrips and white fly.



Grosafe Bactur for leaf roller, codling moth and caterpillars.



### Diseases

Grosafe Free Flo Copper plus Enspray 99 for control of black spot, downy mildew and powdery mildew.



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**DÉCOR**  
GARDENWORLD

## Welcome to Décor Gardenworld *Tauranga's Favourite Garden Stop*

Décor has been in the Clark Family since 1967 - Dave and Ginny Clark are pleased to welcome you.

Please enjoy our ...

- Relaxed ambience
- Top Quality Plants
- Fabulous Gift Selection
- Advice you can trust
- Garden Design Service
- Garden Lovers Loyalty Card
- Popular Bloom Café
- Kids playground in a lovely garden setting

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## Pests & Diseases of Fruit



There is nothing quite like the taste of fresh fruit straight from the garden. Add to this the satisfaction and sense of achievement, the savings, the knowledge that your fruit is free of nasty pesticides and you have some very powerful reasons for growing your own. This brochure recommends only low toxicity environmentally friendly products, both synthetic and natural.



**DÉCOR GARDENWORLD**  
TAURANGA'S FAVOURITE GARDEN STOP

## Pest & Disease Control in Fruits

Most gardeners want to harvest good crops relatively free of pests and diseases, grown in a safe environmentally sustainable manner.

This brochure guides the home gardener to methods of pest and disease control that best suits their needs taking into account -

- Good yields, relatively free of pests and diseases
- Using best garden practices to minimise pests and diseases
- Using only safe environmentally friendly products
- Using products that are commonly available in home garden size packs and are legally registered.

### Minimising Pest & Diseases

Using good basic gardening practices to minimise pests and diseases is common to all gardeners whether conventional or organic. In simple terms—providing the best growing conditions to ensure a strong healthy crop. The following are the simple basics -

- In clay soils raise the planting area above the surrounding soil to ensure good drainage.
- Add lots of compost and work into the soil.
- Grow fruits suitable to the area and choose disease resistant varieties.
- Provide adequate balanced feeding—Novatec Premium is an excellent fertiliser for all fruits—growing in the soil or containers.
- Water in dry periods, avoiding overhead watering. Use weeper soak hoses or drippers. Practice good garden hygiene by removing all diseased leaves and plants.
- Always prune in dry weather.

## Using Disease Resistant Varieties

Whilst a few 'Heritage' varieties may have disease resistance, modern varieties are more likely to be better. Using disease resistant varieties will ensure better crops, greatly minimising the need to use fungicides. Modern varieties are also likely to yield more and taste better. This is especially true of apples.

### Using Pesticides

If good gardening practices are followed and disease resistant varieties used, use of pesticides can be minimised. The range of home garden pesticides is of very low toxicity, environmentally friendly and safe to bees.

### Synthetic Pesticides

Follow the charts attached to this brochure which are accurate and comply with legal / registration requirements, specific to each crop. Enviro-friendly garden pesticides are—Grosafe Free Flo Copper, Grosafe Enspray 99, Grosafe Bactur, Yates Mavrik, Yates Success Ultra, and Yates Fungus Fighter.

### Natural Organic Pesticides

The range of safe natural organic pesticides continues to grow, eg. Grosafe Free Flo Copper, Grosafe Enspray 99, Grosafe Bactur are registered for all crops, have a nil withholding period and are BioGro certified organic.

Others however are more toxic than synthetic pesticides eg. Neem Oil, Derris Dust, Pyrethrum..

Prevention is better than cure. Once you have gained experience and are aware of what pests / disease attack which crops, you will be able to anticipate, and spray at the first sign, which is more effective and minimises pesticide use.

Black spot, curly leaf, brown rot and coding moth are good examples of where early treatment at first sign

## What To Use

### Birds and Animals

The only effective measure is to cover with netting.

### Insects

**Grosafe Enspray 99** is a natural mineral oil which kills small soft insects such as aphids, mealy bugs, mites and insect eggs, by smothering. It is used both as a clean up spray in winter, and throughout the growing period.

**Yates Success Ultra** is an environmentally friendly product (an extract from a soil bacteria). It controls caterpillars and codling moth.

**Diseases**—spots, mildews, and rots.

**Grosafe Free Flo Copper** is an ultra fine copper spray effective for a number of diseases, used both as a winter clean up and preventative spray in winter—early spring. It is the main fungicide used throughout the year for citrus fungal diseases.

**Yates Fungus Fighter** is the only registered fungicide for black spot of apples and grapes—early season use, (also powdery mildew)

Grosafe Enspray 99 and Grosafe Free Flo Copper are registered for use on all crops, have a nil withholding period and are BioGro certified organic. The withholding period between spraying and harvest for other products, varies between fruits, so check our charts or the label.

**REFER TO THE CROP CHART FOR MORE INFORMATION**

