






VEGETABLE PLANTS HEALTH CARE PROGRAMME

Potatoes		
Post emergence	Mound up to cover stems	To encourage tuber formation and protect tubers from sun and Tuber Moth
3 weeks later	Grosafe Free Flo Copper + Enspray 99 + BioNeem	Blight, Aphids
3 to 4 week intervals	Grosafe Free Flo Copper + Enspray 99 + BioNeem	Blight, Aphids
From December onwards at 3 week intervals to harvest (10 day intervals for psyllid)	Grosafe Free Flo Copper + Enspray 99 + BioNeem (add Mavrik or Success Ultra if Pototo Psyllid is a problem or in serious cases use fine mesh netting)	Blight, Aphids, Tuber Moth, Potato Psyllid
Note Withholding Periods: Mavrik and Success Ultra 7 days; Grosafe Free Flo Copper, Enspray 99 and BioNeem 1 day. Free Flo Copper, Enspray 99 and Bioneem are Biogro Certified Organic.		
Tomatoes		
Oct – Nov (2-3 weekly)	Grosafe Free Flo Copper + Enspray 99	Blight, Bacterial Speck
December (2-3 weekly)	Grosafe Free Flo Copper + Enspray 99 (add Mavrik if Psyllids or White Fly are present)	Blight, Powdery Mildew, Aphids, Tomato/Potato Psyllid, White Fly
January (2 weekly)	Grosafe Enspray 99 + Mavrik (add Grosafe Free Flo Copper if weather is wet)	Blight, Powdery Mildew, Aphids, Tomato/Potato Psyllid, White Fly, Caterpillars
February (10 day intervals)	Grosafe Enspray 99 + Mavrik + BioNeem (add Grosafe Free Flo Copper if weather is wet)	Blight, Powdery Mildew, Aphids, Tomato/Potato Psyllid, White Fly, Caterpillars
March (10 day intervals)	Grosafe Enspray 99 + Mavrik + BioNeem (add Grosafe Free Flo Copper if weather is wet)	Blight, Powdery Mildew, Aphids, Tomato/Potato Psyllid, White Fly, Caterpillars
Note Withholding Periods: Mavrik 3 days; Success Ultra 3 days; BioNeem, Grosafe Free Flo Copper & Enspray 99 1 day. Free Flo Copper, Enspray 99 and Bioneem are Biogro Certified Organic.		
Brassicas: Cabbage, Broccoli, Kale, Cauliflower, Brussel Sprouts		
October (3 weekly)	Yates Success Ultra + Grosafe Enspray 99 (add Grosafe Free Flo Copper if Downy Mildew present)	Diamond Back Moth, Aphids
November (3 weekly)	Success Ultra + Grosafe Enspray 99 + BioNeem	Diamond Back Moth, Aphids
December – March (3 weekly)	Success Ultra + Grosafe Enspray 99 + BioNeem	Diamond Back Moth, White Butterfly, Aphids, White Fly
April – June (3 weekly)	Success Ultra + Grosafe Enspray 99 + BioNeem + Grosafe Free Flo Copper	Diamond Back Moth, White Butterfly, Aphids, White Fly, Ring Spot, Downy Mildew
Note Withholding Periods: Success Ultra or Mavrik 3 days; Grosafe Free Flo Copper, Enspray 99 and BioNeem 1 day. Free Flo Copper, Enspray 99 and Bioneem are Biogro Certified Organic.		

Beans and Peas				
October (Peas)	Grosafe Free Flo Copper + Grosafe Enspray 99	Bacterial Spots, Downy Mildew, Aphids		
November – as required	Grosafe Free Flo Copper + Grosafe Enspray 99	Bacterial Spots, Downy Mildew, Aphids		
December – March (2 weekly or as required)	Grosafe Free Flo Copper + Grosafe Enspray 99 (+ Success Ultra for Shield Bug and Caterpillars)	Downy Mildew, Powdery Mildew, Aphids, White Fly, Mites, Shield Bug, Caterpillars		
<i>Note Withholding Periods: Success Ultra or Mavrik 3 days; Grosafe Free Flo Copper, Enspray 99 and BioNeem 1 day. The latter 3 are Biogro Certified Organic.</i>				
Cucurbits: Squash, Pumpkin, Cucumber, Melons, Zucchini				
January – April (2 weekly)	Grosafe Enspray 99 (add Mavrik + BioNeem for heavy White Fly infestation)	White Fly, Powdery Mildew, Mites		
<i>Note Withholding Periods: Mavrik 7 days; Grosafe Free Flo Copper, Enspray 99 and BioNeem 1 day. Free Flo Copper, BioNeem and Enspray 99 are Biogro Certified Organic.</i>				
Products required:				
				
BioNeem Plant extract for sucking insects on all vegetables	Grosafe Enspray 99 Mineral Oil for sucking insects plus Powdery Mildew on all vegetables	Grosafe Free Flo Copper For a wide range of fungal diseases on all vegetables	Success Ultra For Shield Bug and Caterpillars on brassicas and beans	Mavrik For all insects on most vegetables



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Decor Gardenworld
165 Moffat Road, Bethlehem, Tauranga 3110
Ph: 07 576 4777
www.decorgardenworld.co.nz

Notes:

1 This chart recommends products that are registered and approved for the pests and diseases on the specified crops, with a few off label recommendations by necessity. From July 2015 Organophosphate insecticides have been withdrawn from the market. This left some notable gaps which are covered by a few off label recommendations.

2 An 'off label' recommendation is acceptable where there is no registered approved product available and an alternative is recommended which is approved for use on similar / related crops. The 'off label' recommendations that may be included in this chart are Yates Mavrik, Yates Success Ultra, Yates Fungus Fighter. Some of these off label recommendations are partly pragmatic to avoid having many different pesticides in the garden shed.

3 This chart only recommends products commonly available in home garden pack sizes and are of low toxicity.

4 Product trade names have been used to make it easier for gardeners.

5 Always consult the label for the withholding period for each crop - the period that must elapse between spraying and harvesting.

6 Always use a product registered by ACVM with a Food Standards Authority approval. There are increasing numbers of unregistered pesticides being marketed which are of unknown toxicity, both synthetic and natural, irrespective of marketing blurb. Just because a product is natural organic does not make it safe to spray on edible crops—eg. neem oil (Naturally Neem from Whatitiri Organics is the only registered home garden neem product approved for use on food crops. Other brands may contain aflatoxin a highly toxic natural poison)

7 All information in this chart is published in good faith and has been checked for accuracy from manufacturer's data and registration authorities. However the writers will not be liable to any other person and accept no responsibility for any claim, action, loss, damage, cost or expense, whether direct or indirect, consequential or economic, resulting from the use or miss-use of the information.



The addition of 5ml per litre of Enspray 99 Oil to any other pesticide, (except sulphur) will greatly improve the level of control

Grosafe Enspray 99 and Grosafe Free Flo Copper – both BioGro Certified Organicare - available only at selected Garden Centres (not Mitre 10, Bunnings or The Warehouse)

Grosafe Enspray 99 is a superior very pure oil which is safe to use on all plants. It controls all sucking insects as well as powdery mildew fungus.

Enspray 99 used at a very low rate as a spreader sticker, greatly enhances the performance of all pesticides (do not add to sulphur sprays)

Grosafe Enspray 99 is BioGro certified organic and has a 1 day withholding period on all crops. A great partner for **Grosafe Free Flo Copper**, Also BioGro certified organic

The ican promise



When wandering around our garden centre you will see a selection of 'ican' branded or endorsed products. In an age where price has been pushed lower, quality often suffers. With ican products and advice, we are committed to putting quality first. Keep an eye out for ican branded or endorsed products because they are the best available in their category. The ican brand is our very own created by 'Garden Independents Network, a group of independent garden centres committed to products and advice you can trust.

