

Effectiveness Comparison - Insecticides

EX = Very high level of control for 2 - 3 weeks or more during periods of attack
VG = Satisfactory level of control for 2 weeks during periods of attack
G = Limited control. Respraying required.
F = Very limited control, usually short term. Several respraying necessary in most cases.
Refer to separate vegetable and fruit charts for approved products on specific crops

Eco friendly / low toxicity Comparison

5 = No environmental impact and very low toxicity to humans.
4 = Very minimal impact on the environment and low toxicity to humans under normal use.
3 = Possibility of short term environmental impact. Care required in use.
2 = Some environmental impact. Follow label instructions for use on food crops. Observe withholding times.
1 = Avoid using in home gardens
ALWAYS READ THE LABEL IT IS THE LEGAL DOCUMENT

The ratings in this chart are based on -

1. Scientific data available at this time - both efficacy in controlling the pest / disease and toxicological / environmental impact data.
2. Registration status with ERMA and the Food Safety Authority - approved uses and label claims, including use on food crops and withholding periods.
3. Comparative results under identical trial circumstances.
4. In some comparable

Disclaimer

All the information in this chart is published in good faith and has been checked for accuracy from manufacturers 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 misuse of the information.

Effectiveness Comparison - Fungicides

EX = Very high level of control for 2 - 3 weeks or more during periods of attack

VG = Satisfactory level of control for 2 weeks during periods of attack

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Refer to separate vegetable and fruit charts for approved products on specific crops

Notes -

1) To avoid resistance build up, do not use a systemic fungicide exclusively and repeatedly. Alternate systemic fungicides (Yates Fungus Fighter) with, or use in combination with a barrier type.

2) Greenguard is a very good combination of a barrier type (Bravo) with a systemic (Topsin) This combination works synergistically. It also avoids resistance build up. This makes Yates Greenguard / McGregors Black Spot & Fungus Spray, a very good all purpose fungicide for vegetables and ornamentals. However for fruits refer to fruit chart.

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4. In some comparable products the formula concentrations vary, - the product cheaper per bottle, is usually more expensive per litre of spray.

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Combination Insecticide / Fungicide

Effectiveness Comparison Eco Friendly Comparison

	Product						Product						
	Guardall (Yates)		Super Shield (Yates)		Spectrum liquid (Kiwi Care)		Shield (Yates)		Rose & Shrub Spray (McGregors)		Spectrum Powder (Kiwi Care)		
	Guardall (Yates)		Super Shield (Yates)		Spectrum liquid (Kiwi Care)		Shield (Yates)		Rose & Shrub Spray (McGregors)		Spectrum Powder (Kiwi Care)		
Eco friendly rating	4	4	4	3	3	2	4	4	4	3	3	2	Eco friendly
Sucking Insects	Insects						Diseases						Disease
Aphids	VG	VG	VG	EX	EX	VG	EX	VG	VG	VG	VG	EX	Black Spot
Apple leaf curling midge		*		*	*	VG	EX						Early Blight
Green vegetable Bug	VG	VG	VG	VG	VG	VG	EX						Late Blight
Leaf miner				VG	VG								Bladder Plum
Mealy Bug				EX	EX	VG	EX						Botrytis Grey Mould
Mites	G	G	G			F	EX	VG	VG	VG	VG	EX	Brown Rot (stone)
Passion Vine hopper	VG	VG	VG	EX	EX	EX							Brown Rot (citrus)
Potato / Tomato Psyllids	G	G	VG	VG	VG	VG	VG	VG	VG			VG	Chocolate Spot
Psyllids (Ornamentals)	G	G	G	VG	VG	VG							Club root
Scale				VG	VG	VG	VG						G
Thrips	EX	EX	EX	VG	VG	G	VG						G
White fly	VG	VG	VG	G	G								Downy Mildew
							VG						Dry Berry
							VG						European Canker
Chewing Insects							VG						Glomerella Ripe Spot
Bronze beetle (adult grass)	VG	VG	VG	G	G	VG							Leaf Curl (stone fruit)
Black beetle (adult)							EX	EX	EX	EX	EX	EX	Melanose
Codlin moth		*		*	*	VG	G	VG	VG				Powdery Mildew
Diamond Back moth	VG	VG	VG	VG	VG	VG							Rust
Leaf roller caterpillar	VG	VG	VG	EX	EX	VG							Verrucosiss
Looper caterpillar	VG	VG	VG	EX	EX	VG	EX						Shot Hole
Kowhai caterpillar	VG	VG	VG	EX	EX	VG	VG						Septoria Spot
White butterfly	VG	VG	VG	VG	VG	VG	EX						Sclerotinia
Tomato caterpillar	VG	VG	VG	VG	VG	VG							Onion Smut
Cherry Pear slug	VG	VG	VG	EX	EX	VG							
Oriental fruit moth	G	G	G	VG	VG								

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