



Verdex[®] 18EC

Verdex 18EC is a MITICIDE for use in avocados, pipfruit, indoor tomatoes, strawberries, kiwifruit and ornamentals.

<u>Active Ingredient:</u>	18g/litre abamectin
<u>Chemical Group:</u>	Macrocyclic lactone
<u>Formulation:</u>	Emulsifiable concentrate
<u>Pack Size:</u>	1 Litre
<u>Compatibility:</u>	Compatible with most commonly used fungicides and insecticides.



- Verdex is absorbed rapidly into plant tissue. When mites feed on treated plants, they become paralysed and die ✓
- Unique mode of action ✓
- Short withholding periods ✓
- Good crop safety ✓

Crop Safety:

Ornamentals: Do not use on ferns or Shasta daisies. If unsure of crop safety, apply to a few plants before spraying the crop to check safety first.

Pome Fruit: All purpose spraying oils may cause damage to susceptible varieties such as Cox's Orange, Gala, etc., and Anjou pears. DO NOT make applications:

When unusually hot conditions are present or expected within 24 hours after application;

Under poor or slow drying conditions or;

With equipment that may leave large droplets on fruit after application.

DIRECTIONS FOR USE

Do not use if rainfall is expected before spray would have dried, as reduced efficacy may result. Do not overhead irrigate within 24 hours after application.

The rates are for high volume spraying to the point of run-off. For concentrate spraying, adjust dilution rates accordingly.

Crop	Pest	Rate	Remarks
Pome Fruit	Two-spotted mite European red mite	37.5ml/100 litres plus 500ml/100 litres all purpose spraying oil or 25ml/100 litres "Citowett" in a minimum of 2000 litres water per hectare.	For optimum results, apply when there is a build up of mite populations in the period from petal fall to mid-December. Make only one application per season. Do not exceed a rate of 1.5 litres of Verdex or 10 litres of spraying oil per hectare. See Crop Safety recommendations
Strawberries	Two-spotted mite	100ml/100 litres. Use a minimum of 600ml Verdex per hectare.	Apply on first appearance of mites. Where mite numbers exceed 3-5 mites per leaf apply two applications 7-10 days apart. Thorough coverage of plants is required. Use no more than 3 applications per year.
Ornamental plants, including roses, Chrysanthemums, Carnations, indoor foliage plants.	Two-spotted mite	25-50ml/100 litres of water. Use a minimum of 750ml Verdex per hectare.	Thorough coverage and penetration into plants – particularly the undersides – is essential. Apply on first appearance of pest. Under high mite numbers apply two applications spaced 7-10 days apart. Use no more than 3 applications per year.
Kiwifruit	Leafrollers	Apply 25ml Verdex 18EC plus 25ml of Citowett/100 litres of water. Spray to the point of run-off (approximately 2000L/ha) ensuring not less than 500ml of Verdex 18EC per crop hectare.	Apply immediately after flowering, followed by 2 further sprays at 14 day intervals. Further applications should be made at 3 week intervals or if monitoring shows a need. The final spray must not be made within 120 days of harvest. DO NOT mix any foliar fertilisers or nutrient products with Verdex 18EC on kiwifruit.
Indoor Tomatoes	Two-spotted mite Tomato russet mite	60-90ml/100 litres in a minimum of 500 litres water per hectare. Use a minimum of 450ml Verdex per hectare.	Apply on first appearance of pest. Use the higher rate under high mite conditions. Use no more than 3 applications per year. Thorough coverage of plants is required. Apply as for Two-spotted mite. The lower rate will control low populations of Tomato russet mite. Use the higher rate when Tomato russet mite is obvious or the main pest.
Avocados	Six-spotted mite	37.5 ml plus 500 ml all-purpose spraying oil/100 litres of water. Alternatively, mix with a non-ionic surfactant at label rates.	For optimum residual control, apply in early spring before there is a build up of Mite populations. The first application should be made when Mites are first found and before severe infestation and defoliation has occurred. Subsequent applications should be made at a 14 to 28 day spray interval. To prevent resistance developing apply a maximum of 3 applications per season.

Compatibility: Verdex is compatible with most commonly used fungicides and insecticides.

Mixing: Add the required amount of Verdex directly into the spray tank with agitator operating. Maintain agitation during application. If oil is recommended, add this after Verdex is well mixed. Wetting agents are not required.

Withholding periods:

Strawberries: DO NOT APPLY LATER THAN 3 DAYS BEFORE HARVEST.

Tomatoes: DO NOT APPLY LATER THAN 3 DAYS BEFORE HARVEST.

Pome Fruit: DO NOT APPLY LATER THAN 14 DAYS BEFORE HARVEST.

Avocados: DO NOT APPLY LATER THAN 14 DAYS BEFORE HARVEST.

Resistance Management: To minimise the development of resistance to Verdex use strictly in accordance with label directions.

Crop Monitoring: Regular crop monitoring is essential. Check crops every 3-5 days during the season.

Integrated Pest Management: Verdex is compatible with IPM using the predator mites *Typhlodromus pyri*, *Phytoseiulus persimilli* and *T. occidentalis* (although Verdex may depress numbers temporarily).

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