



Pyromite®

A selective MITICIDE for the control of Six-spotted Mite on Avocados.

<u>Active Ingredient:</u>	50g/litre fenpyroximate
<u>Chemical Group:</u>	Phenoxy pyrazole – GROUP 21 INSECTICIDE
<u>Formulation:</u>	Suspension concentrate
<u>Pack Size:</u>	1, 5 Litre

Pyromite® is a new contact miticide for the control of immature and adult stages of Six-spotted mite on avocados. Pyromite® has knockdown and residual activity on mites and is compatible with IPM programmes. Pyromite® works primarily through contact action, so thorough coverage is essential for good results. Mites stop feeding immediately after application. It provides this immediate stop-feeding action together with a cessation of egg laying, before mites die 4 to 7 days after exposure.



Pyromite® offers targeted and effective mite control:

A new chemical group ✓

Knockdown and residual activity ✓

Effective against eggs, nymphs and adults ✓

Soft on beneficials ✓

No cross-resistance to other miticide groups currently in use ✓

Resistance Management:

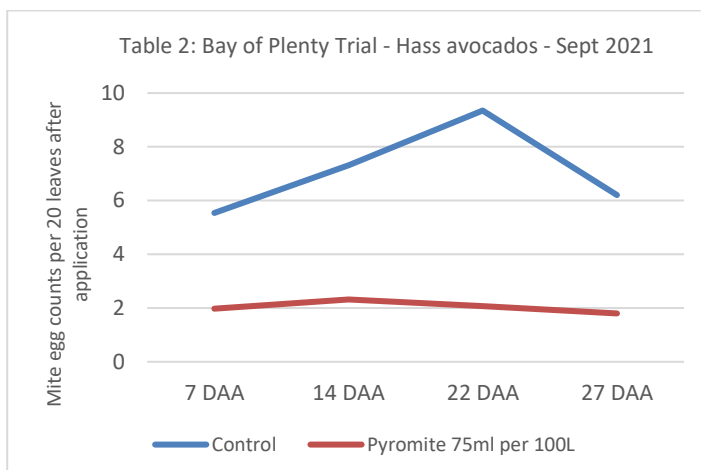
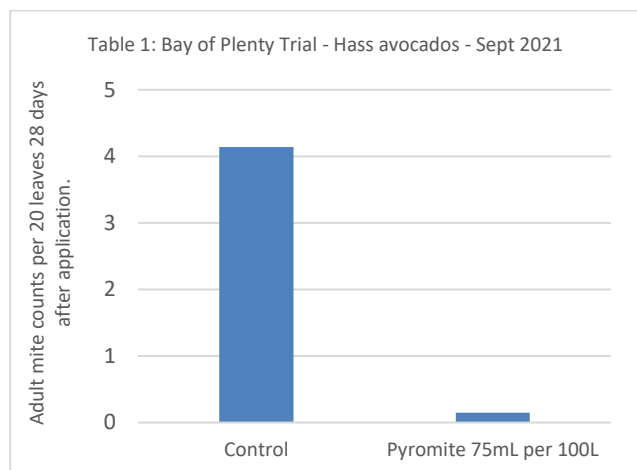
For the last 12 years, avocado growers have relied on just two chemical groups to control Six-spotted mite:

- GROUP 6 MITICIDES (active ingredients: abamectin, milbemectin)
- GROUP 10 MITICIDES (active ingredient: etoxazole)

Pyromite® is the only GROUP 21 MITICIDE registered in avocados and has an alternative mode of action to the currently registered miticides in avocados, with no cross-resistance. A mid-to-late season (Oct-Jan) application of Pyromite® will provide the following benefits in Six-spotted mite management in avocados:

- 1) Pyromite® will take out mite populations that have potentially developed resistance to either GROUP 6 or GROUP 10 miticides.
- 2) By taking out any resistant populations, Pyromite® will effectively assist in prolonging the lifespan of all three registered chemical groups for Six-spotted mite control in avocados.

NZ Trial Results:



MIXING: Pyromite® mixes readily with water. Pour the required quantity of Pyromite® into the partly filled spray tank and add the remainder of the water, agitating thoroughly during filling. Agitate after a stoppage before recommencing spraying.

EQUIPMENT: Pyromite® can be applied with conventional ground spraying equipment. Rinse with clean water after use.

COMPATIBILITY: Pyromite® is compatible with the commonly used intermediate oils, and wettable powder formulations of insecticides and fungicides. Do not mix with lime sulphur or strongly alkaline material such as Bordeaux mixture. Avoid applications under slow drying or frosty conditions.

RESISTANCE MANAGEMENT: Pyromite® is a **GROUP 21 INSECTICIDE** and is a member of the METI mode of action group. Resistance to this miticide could develop from excessive use. To minimise this risk use strictly in accordance with the label instructions and resistance management strategies that exist for any fungus listed on the label. Pyromite® should be used in a programme that incorporates miticides with different modes of action to that of **GROUP 21 INSECTICIDES**. Refer to the NZPPS website (<http://resistance.nzpps.org/>) for more detailed information.

IT IS AN OFFENCE for users of this product to cause residues exceeding the relevant MRL in the Food Notice: Maximum Residue Levels for Agricultural Compounds.

WITHOLDING PERIODS:

Avocados – 14 days

IT IS AN OFFENCE TO USE THIS PRODUCT ON ANIMALS.

DIRECTIONS FOR USE: The rate indicated is for high volume spraying to run-off. For concentrate spraying, adjust dilution rate accordingly.

Crop	Pest	Use Rate	Critical Comments
Avocados	Six-spotted mite	75mL/100L water	Apply as a high volume spray to run-off. Thorough and uniform spray coverage of all foliage is essential, and this will be assisted by the addition of a non-ionic wetting agent at label rates. Timing: Make only one application of Pyromite® per season in avocados, once mite thresholds have been reached. Rainfall: Do not apply if rain is likely to fall within 3 hours following application.