



Sorcerer® 36

Targeted control of key mite and insect pests in capsicums, citrus, pome fruit, strawberries, tomatoes and ornamentals

Product overview

Sorcerer® 36 is new and unique Emulsifiable Concentrate (EC) formulation with micro emulsion properties which contains 36 g/L abamectin. Provides fast acting knockdown and residual activity for rapid pest mite removal and extended protection. Formulated as a convenient, easy to handle liquid that quickly penetrates plant tissue to become rainfast and is highly compatible with other commonly used fungicides and insecticides. A key option in the sustainable management of mites using an Integrated Mite Control program.

Supported crops

Apples, Blackcurrants, Capsicums, Citrus, Hops, Ornamentals, Pears, Tomatoes, Soybeans, Strawberries and Vegetables.

Mode of action

GROUP 6 INSECTICIDE

The abamectin in Sorcerer® 36 is a member of the Avermectin group of insecticides (Group 6) and its use in Pome fruit is subject to a CropLife Australia Resistance Management Strategy.

Sorcerer® 36 is an insecticide/miticide that acts via contact and stomach action but also exhibits translaminar movement. Once translocated into leaves remains for several weeks to control target mites feeding on plant tissue. After application, Sorcerer® 36 rapidly spreads through the leaf to give rainfast protection, moving freely within sprayed leaves to control mites on both the upper and lower leaf surface.

Resistance management

Sorcerer® 36 has been a key tool for managing mite populations in Pome fruit for many seasons and whilst still very effective, must continue to be used carefully along with other miticides in a sustainable Integrated Mite Control program.

Mite levels should be monitored and thresholds utilised before deciding to make miticide applications and where practicable, predatory mites should be incorporated into control programs. When using insecticides to control other pests of Pome fruit such as Codling Moth, Light Brown Apple Moth, Mealybug and Woolly Aphid, always consider the impact your choice may have on the pest mite and predatory mite populations.

Miticide MOA group options in Pome Fruit

Group	6	10A	10B	12B	12C	13	21A	UN
Chemical sub-group	Avermectins, Milbemycins	Clofentezine, Hexythiazox	Etoxazole	Organotin miticides	Propargite	Chlorfenapyr	METI acaricides	Bifenazate
Product	Sorcerer® 36, Milbeknock*	Apollo*, Calibre*	Paramite*	Torque*	Omite*	Secure*	Pyranica*	Acramite*

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Features

- Proven efficacy against Two-Spotted Mite and European Red Mite in Apples and Pears
- Fast acting knockdown and residual activity for rapid pest removal and extended protection
- Easy to measure and handle liquid that quickly penetrates plant tissue to become rainfast
- New and improved concentrated formulation with micro emulsion properties
- Compatible with many commonly used fungicides and insecticides.

When to Use Sorcerer®

Sorcerer® 36 controls Two-Spotted Mite and European Red Mite in Apples and Pears.

Use rate: 375 mL/ha plus 5 L/ha summer oil using enough water to ensure thorough coverage

- In Apples, apply Sorcerer® 36 from 2 to 6 weeks after petal fall if Two-Spotted Mites are a problem early in the season or if monitoring shows high numbers of over-wintering European Red Mite eggs are present
- In Pears, timing is not as critical and the application should be made soon after mite numbers have reached threshold levels
- Generally Sorcerer® 36 takes up to 7 days to reach maximum mite control. Sorcerer® 36 will control moderate to high mite populations, but in the absence of predatory mites (see Integrated Pest Control below) retreatment with another miticide may be necessary.

Spray Volume	Sorcerer® 36	Summer Oil
	(Rate/100 L required)	
1000 L/ha (minimum)	38 mL	500 mL
1500 L/ha	25 mL	335 mL
2000 L/ha	19 mL	250 mL
2500 L/ha	15 mL	200 mL

Benefits

- Confidence that your crop is protected
- Peace of mind that damage will be prevented maximising quality and yield potential
- Improved efficacy with Lower application rates and reduced drum disposal
- Convenience and flexibility
- Time saving one pass option.

Compatibility

DO NOT apply Sorcerer® 36 to Apples or Pears before or after applications of Delan* or Captan.

Sorcerer® 36 is compatible with Caltex Summer Spray Oil, SACCOA BioPest Paraffinic Oil, Cormoran® insecticide and several other fungicides, insecticides and adjuvants enabling its use as an effective miticide in conjunction with other chemistry to control insects and diseases.

Integrated pest management

DO NOT use where predatory mites have been introduced unless the pest mite threshold has been reached and predators are unlikely to achieve effective control. Studies have shown that after application of Sorcerer® 36, predatory mite populations may not increase for a number of weeks, due to a lack of suitable pest mite prey. Predatory mite numbers will increase with any increase in pest mite numbers allowing the continuation of biological mite control.

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For Customer Enquiries: **1800 4 ADAMA**