

**Alonze**<sup>®</sup>  
50EC



## TECHNICAL GUIDE



### A SUPERIOR QUALITY EC FORMULATION INSECTICIDE

An insecticide with foliar uses for control of spidermites, leafminers and thrips in roses, carnations, snow peas, runner beans, broccoli, French beans, chilli and tomatoes, and soil drench use for control of nematodes in roses and potatoes.

Declared Active Ingredients:

Abamectin 50g/L

ALONZE® is a superior quality emulsifiable concentrate formulation insecticide containing abamectin. Abamectin is a mixture of avermectins containing more than 80% avermectin B1a and less than 20% avermectin B1b. These two components, B1a and B1b have very similar biological and toxicological properties.

The avermectins are insecticidal and antihelmintic compounds derived from various laboratory broths fermented by the soil bacterium *Streptomyces avermitilis*. Abamectin is a natural fermentation product of this bacterium. Abamectin is used to control insect and mite pests of a range of agronomic, fruit, vegetable and ornamental crops. ALONZE® is formulated in a special emulsifiable concentrate formulation which contributes to enhanced fast control over spider mites, leaf miners, thrips and nematodes on a broad range of edible crops and ornamentals, less toxicity to handlers and end-users, and more environmental friendly.

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	ALONZE special emulsifiable concentrate	Common EC containing abamectin	Common ME containing abamectin
Solvents	Low toxicity and high flash point non-hydrocarbon petroleum solvents	Hazardous xylene or hydrocarbon petroleum solvents at low flash point	Water and hazardous solvents
Co-solvents	Paraffin oil contributes to extra insecticidal property	None	None
Emulsifiers	Low toxicity and low irritating emulsifiers such as Tween	Common emulsifiers causing toxicity and irritation.	Common emulsifiers causing toxicity and irritation
Viscosity and adhesion			

## Application instructions

Crop	Pest	Rate	Method of Application
Roses, Carnations	Spider mites	Foliar spray: 0.15L/ha in 1000L of water (3ml in 20L of water)	Apply as first signs of infestation or insect egg hatch peak period as a full cover spray. Repeat applications as necessary at a 7-day interval per season.
Snow peas Runner beans Broccoli	Leafminers Thrips	Foliar spray: 0.12-0.15L/ha in 1000L of water (3ml in 20L of water)	Apply as first signs of infestation or insect egg hatch peak period as a full cover spray. Maximum 2 applications per season. PHI: 3 days
Chilli	Thrips	Foliar spray: 0.15L/ha in 1000L of water (3ml in 20L of water)	Apply as first signs of infestation or insect egg hatch peak period as a full cover spray. Maximum 2 applications per season. PHI: 3 days
French beans Tomatoes	Spider mites Leafminers Thrips	Foliar spray: 0.12-0.15L/ha in 1000L of water (3ml in 20L of water)	Apply as first signs of infestation or insect egg hatch peak period as a full cover spray. Maximum 2 applications per season. PHI: 3 days
Roses Potatoes	Nematodes	Soil drench: Roses: 4L/ha Potatoes: 3.6-5.4L/Ha (50ml in 30L of water)	Repeat applications every 60 days as necessary. PHI: Potato 14 days

Alonze<sup>®</sup> 50 EC brings you the following qualities in protection of your crops

- Special EC formulation contributes to more effective and safer
- Quick knock down action and long lasting effectiveness
- Low application rates
- Excellent food safety and short PHI