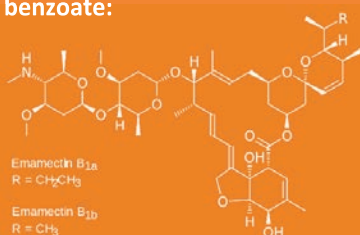





#### Emamectin benzoate:



**PROVE 1.9 EC™** is a natural product obtained from soil micro-organisms. The product is easily absorbed in plant tissues and ingested by larvae. The active ingredient, emamectin Benzoate has a unique mode of action, which is different from any other insecticide. It interferes with the pests nervous system, causing them to loose cell function and stop feeding. The larvae die in 2-4 days. The a.i. degrades in a few hours and does not bioaccumulate.

**PROVE 1.9 EC™** is a non-systemic insecticide that penetrates leaf tissues by translaminar movement.

**IRAC Group:** 6-Chloride channel activator

**Formulation type:** EC.

**Shelf life:** 2 years, under normal conditions.

**PROVE 1.9 EC™** is a highly effective biologically produced insecticide and acaricide which targets, among others, the Diamond-back Moth, Armyworms, Lepidoptera pests in vegetables, tobacco and brassicas; Californian Thrips in vegetables and at higher ratios, Spidermites.

#### Advantages:

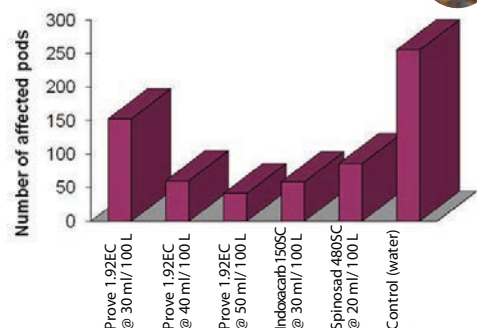
- Highly effective in pest control
- Low usage rates
- Quick results
- Translaminar activity
- Performs under high temperatures and pest pressure
- Performs when insects are resistant to products of other chemical classes like organophosphates, carbamates and synthetic pyrethroids
- Wide range of pest control against Lepidoptera (Spodoptera, Heliothis spp., Plutella, False armyworm), Thrips (Heliothrips haemorrhoidalis and Frankliniella occidentalis) and Spidermites.
- Short re-entry intervals
- A naturally derived product, ideal for IPM programs
- Non-persistent in the environment
- Once rainfast, only affects the target pests that feed directly on leaf or fruit tissue.



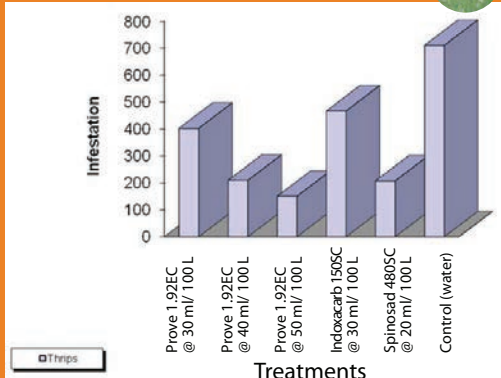
#### Application:

Foliar: It is important that spray is applied evenly on the crops for maximum efficacy.

#### Effect of Prove 1.9 EC™ on the control of Heliothis sp on roses



#### Effect of Prove 1.9 EC™ on the control of Thrips on roses



#### Important Note:

The Indicated Crops and Recommended Rate of application on this Product informative sheet may not be applicable in country where the product is intended to be used. User must refer and use the product only as per the officially Register and approved uses by the ministry of Agriculture authorized authorities. The supplier cannot be held responsible or liable if the use of this product is performed on Crops which are not listed on the official label as approved by the ministry of Agriculture authorized authorities.

**Disclaimer:** This information and all further technical advice is based on our present knowledge and experience and approvals from the registration authorities. However, it implies no liability or other legal responsibility on our part, including with regard to existing third party intellectual property rights, especially patent rights. In particular, no warranty, whether express or implied, or guarantee of product properties in the legal sense is intended or implied. We reserve the right to make any changes according to technological progress or further developments. In the event of any discrepancies between the information stated herein or any other information source and the information stated on the label of the product, the information stated on the label of the product will prevail. The customer is not released from the obligation to conduct careful inspection and testing of incoming goods. Performance of the product described herein should be verified by testing, which should be carried out only by qualified experts in the sole responsibility of the customer. Reference to trade names used by other companies is neither a recommendation, nor does it imply that similar products could not be used.

Prove 1.9 EC is a trademark of Sineria Holland BV.

#### Recommendations for use:

Crops	Pests	Rate	Important Comments
Cotton	Heliothis, Lapigma, Thrips	400 ml / Ha or 15-20 ml / 10 Lt water	Timing is important. For best results, apply at or just prior to the anticipated time of hatching of Helicoverpa eggs, as indicated by egg levels or scouting. As earlier larval stages are easier to control, DO NOT target larvae larger than 5 mm (very small to small). Large larvae and larvae feeding within bolls and squares may not be controlled. Larvae must feed on treated areas in order to achieve effective control. Where high egg lays occur, the addition of an ovicide is recommended. Applications of PROVE 1.9 EC™ as outlined above for Heliothis, will reduce the rate of mite development in treated cotton.
Peppers, Tomatoes, Brassicas	Rust Mites, Armyworms, Heliothis, Lepidoptera, Bollworms	400-500 ml / Ha or 15-20 ml / 10 Lt water	Spray upon appearance of the pest and when the lepidoptera larvae are at the 1 <sup>st</sup> or 2 <sup>nd</sup> stage.
Peas, Fine Beans			
Ornamentals	Prodenia, Thrips, Lapigma	600 ml / Ha or 20-30 ml / 10 Lt water	Spraying also helps in reducing red mites.
Blueberries	Leafminers, Loopers, Caterpillars, Spidermites	500-600 ml / Ha	Spraying upon pest appearance.
Passion fruits, Avocados			
Tobacco Lands TRB certificate No.: 14-17-D-74 (Always consult TRB handbook for detailed recommendations)	Budworms, Leafminers	400 ml / Ha	Scout for pests every 5-7 days. Apply in 450-500 Lt of water / Hectare at first signs of infestation. Repeat every 7 days, depending on re-infestation and pest pressure.



#### Supplier:

**Sineria Holland BV**  
Randwycksingel 20-A015  
6229 EE Maastricht,  
The Netherlands  
www.sineria.com