

Emulsifiable Concentrate.

A translaminar GABA inhibitor acaricide and insecticide for the control of red spider mites on roses and tomatoes and American leafminer (*Liriomyza trifolii* and *L. huidobrensis*) on tomatoes and potatoes.

Registered by: Syngenta Agro AG  
32 Sandringham Drive  
Alexandra Park, Harare  
Tel.: 08677005432 / 08677005434

® Registered Trademark of a  
Syngenta Group Company

Manufacturer:  
Syngenta Crop Protection AG  
Basel, Switzerland



**Dynamec® 18 EC**

syngenta

Reg. No.  
88-D-141-1

Net Content:  
250 ml



**DANGEROUS POISON.  
AVOID BREATHING VAPOUR.**

Composition: m/v  
Abamectin: 1.8% / Inert ingredients: 98.2%  
Chemical Group: avermectin

**TO CAUSE A HAZARD IN THE USE,  
STORAGE OR DISPOSAL OF  
THIS SUBSTANCE IS AN OFFENCE.**

**Shelf life:**

Two years from date of manufacture if stored in original container under constant cool conditions.

**Emergency Call Number:**

Swiss Toxicological Information Centre  
(24 h) +41 44 251 51 51

**Date of manufacture / Batch No.:**

Please refer to inkjet print.

Product names marked ® or ™, the ALLIANCE FRAME the SYNGENTA Logo and the PURPOSE ICON are Trademarks of a Syngenta Group Company

**L1045475 ZIMB/08W PPE 4098801**



HARMFUL

### Precautions

- Handle with care: avoid splashing / contact; poisonous by swallowing, inhalation and contact with skin.
- Wear full protective clothing i.e. rubber gloves, rubber boots, overalls, hood and respirator.
- DO NOT eat, drink or smoke while applying this insecticide.
- Remove protective clothing on completion of spraying and wash hands and face thoroughly with soap and water.
- DANGEROUS TO WILD ANIMALS, BIRDS, BEES AND OTHER ANIMALS.
- EXTREMELY DANGEROUS TO FISH, DO NOT CONTAMINATE DRINKING POOLS, DAMS, RIVERS AND WATERWAYS.
- DANGEROUS TO LIVESTOCK AND DOMESTIC PETS.
- KEEP OUT OF REACH OF CHILDREN.
- KEEP APART FROM FOOD AND FOODSTUFFS.
- Decontamination of Sprayer – after use clean the sprayer thoroughly and ensure that all traces of DYNAMEC 018 EC are removed.  
Make use of the following method: (a) Drain tank then rinse tank, sprayer boom and hoses with clean water

2

for at least 10 minutes. (b) Fill tank with clean water and add to it 1,0 litre household bleach (5%) or 1,5 litres household bleach (3,5%) per 200 litres of water. Rinse hoses and sprayer boom and leave in the tank for 15 minutes whilst agitating. Drain through the nozzle outlets. (c) Repeat step (b) and thereafter, rinse thoroughly with clean water and dispose of the wash water at a site designated for the disposal of pesticides.

- Empty container disposal – invert the empty container over the spray tank and allow to drain for at least 30 seconds after the flow has slowed down to a drip. Thereafter, rinse the container 3 times with a volume of water equal to at least 10% of that of the container. And the rinsate to the contents of the spray tank. Destroy the empty container by perforation and flattening. Place it in a secure disposal area and offer it for recycling.  
DO NOT use it for any other purpose.

### Symptoms of poisoning:

Dilation of pupils, muscular incoordination and muscular tremors.

3

**First Aid:**

If poisoning is suspected, stop work immediately and seek medical advise. In case of contact with eyes, rinse eyes immediately with abundant fresh and clean water for at least 15 minutes.

In case of contact with skin, remove contaminated clothing and wash contaminated body area with plenty of soap and water.

DO NOT rub skin hard.

If inhaled move to clean air, give artificial respiration or closed chest cardiac massage if necessary, maintain open airway passages.

If swallowed give immediately medical charcoal in a large quantity of water. Do not induce vomiting.

**Note:** Never give anything by mouth to an unconscious person.

4

**Note to physician:**

If toxicity from exposure has progressed to cause severe vomiting, the extent of resultant fluid and electrolyte imbalance should be gauged. Appropriate supportive parental fluid replacement therapy should be given, along with other required supportive measures (such as maintenance of blood pressure levels and proper respiratory functionality) as indicated by clinical signs, symptoms and measurements. In severe cases, observations should continue for at least several days until clinical condition is stable and normal.

Since abamectin is believed to enhance GABA activity in animals, it is probably wise to avoid drugs that enhance GABA activity (barbiturates, benzodiazepines, valproic acid) in patients with potentially toxic abamectin exposure.

5

**Preparing Mixture:**

Fill 1/4-1/2 tank with clean water. Add the required amount of Dynamec® 18 EC and begin agitation of the spray mixture.

Fill the tank to the required level with clean water. Maintain agitation until spraying is complete.

6

**Directions for use**

Crop	Pest	Amount of Dynamec® 18 EC / ha or as stated	Application directions
Roses	Red spider mite	560 ml	Apply a full cover spray at first sign of infestation using at least 500 litres water/ha. A repeat application may be necessary where there is heavy established infestation.
Tomatoes	Red spider mite and American leafminer	560 ml / ha or 60 ml / 100 l water	Apply a full cover spray at first sign of infestation and repeat at 7 day intervals if necessary. Harvest interval: 3 days.

7

Crop	Pest	Amount of Dynamec® 18 EC / ha or as stated	Application directions
Potatoes	( <i>Liriomyza trifolii</i> and <i>L. Huidobrensis</i> )	560 ml / ha	Start treatment when adult flies or leaf punctures are first observed. Apply a maximum of four sprays of Dynamec® 18 EC per season (not more than two sequential applications). Harvest interval: 14 days.

**NB:** To prevent red spider mites and leafminers developing resistance, alternate Dynamec® with chemicals that belong to different chemical groups, e.g. Polo® and Trigard® respectively.

8

#### Compatibility:

The compatibility of Dynamec® 18 EC with other products may be influenced by the formulation of the products involved as well as the quality of the water. Since the formulation of other products may change without the knowledge of Syngenta, and the quality of the water may vary from farm to farm, a physical test should always be carried out prior to application. Dynamec® 18 EC can be mixed with waters of different pH values and hardness normally encountered in agricultural conditions. Consult manufacturer for compatibility with other pesticides.

#### Warranty:

The user bears the risk for damage resulting from factors beyond the manufacturer's control. All recommendations for use of the product are based on the current state of the manufacturer's knowledge. Since the manufacturer cannot control the application, use, storage or processing of the product, the manufacturer cannot therefore accept responsibility.

9

**Shelf life:**

Two years from date of manufacture if stored in original container under constant cool conditions.

**Registered by: Syngenta Agro AG**

32 Sandringham Drive, Alexandra Park, Harare

Tel.: 08677005432 / 08677005434

**Emergency Call Number:**

Swiss Toxicological Information Centre (24 h) +41 44 251 51 51

® Registered Trademark of a Syngenta Group Company

© 2001 Syngenta Crop Protection AG

**Manufacturer:**

Syngenta Crop Protection AG, Basel, Switzerland

10

11

Please remove before printing.  
Retirez s'il vous plaît avant l'impression  
Por favor, eliminar antes de imprimir.

Please remove before printing.  
Retirez s'il vous plait avant l'impression  
Por favor, eliminar antes de imprimir.

GLUE PAGE

**BASE  
NON-PRINTABLE**

Please remove before printing.  
Retirez s'il vous plaît avant l'impression  
Por favor, eliminar antes de imprimir.