

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

PRECAUTIONS

- 1. Handle with care. Avoid splashing and contact with skin, eyes, nose and mouth.
- 2. Poisonous by swallowing, inhalation and contact with skin.
- 3. WEAR PROTECTIVE CLOTHING i.e. rubber gloves, rubber boots, overalls, hood and respirator when mixing and applying this insecticide.
- 4. On completion of spraying, remove protective clothing and wash hands and face thoroughly with soap and water. Dispose of the wash water in a safe manner in non-cropping areas.
- 5. KEEP APART FROM FOOD AND FOODSTUFFS.
- 6. DO NOT eat, drink or smoke while applying Emamectin Benzoate 5WDG.
- 7. KEEP OUT OF THE REACH OF CHILDREN.
- 8. Dangerous to livestock and domestic pets.
- 9. DO NOT CONTAMINATE DRINKING POOLS, DAMS, RIVERS, WATERWAYS AND OTHER WATER SUPPLIES.
- 10. Store Emamectin Benzoate 5WDG in original container and KEEP UNDER LOCK AND KEY.
- 11. EMAMECTIN BENZOATE 5WDG IS VERY TOXIC TO AQUATIC ORGANISMS.

EMPTY CONTAINER DISPOSAL

Invert the empty container over the spray tank or mixing-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 a minimum of 10% of that of the container. Add the rinsings to the contents of the spray-tank. Destroy empty container by perforating and flattening. Bury container away in a designated area or away from water sources. DO NOT use for any other purpose. If possible, offer the container for recycling.

DECONTAMINATION OF SPRAYER:

Clean applicator thoroughly after use and ensure that all traces of Emamectin Benzoate 5WDG are removed. Make use of the following method:

- a) Drain tank and rinse tank, spray-boom and hoses with clean water for at least 10 minutes.
- b) Fill the tank with clean water and add to it 1,0 litre of household bleach (sodium hypochlorite) (5%), or 1,5 litres household bleach (3,5%) per 200 litres of water. Rinse hoses and spray-boom and leave in tank for 15 minutes whilst agitating. Drain through 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.

SYMPTOMS OF POISONING

Lack of coordination, tremors, difficult breathing, dilatation of pupils, eye and skin irritation.

FIRST AID

Eye contact: Hold eyelid(s) open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.

Skin contact: Remove contaminated clothing. Wash affected skin with soap and water. Go to a doctor if skin is affected.

If inhaled: Move patient to clean air. Monitor breathing and seek medical assistance.

If swallowed: Call a poison control center or doctor immediately for treatment advice. Have the person sip a glass of water if able to swallow. DO NOT induce vomiting unless told to do so after calling a poison control center or doctor. DO NOT give anything by mouth to an unconscious person.

NOTE TO PHYSICIAN

This material is believed to enhance GABA activity in animals. It is probably wise to avoid drugs that enhance GABA activity (barbiturates, benzodiaziphines, valproic acid) in patients with potentially toxic mectin exposure. Repeatedly administer medicinal charcoal in plenty of water. If toxicity from exposure has progressed to cause severe vomiting, the extent of resultant fluid and electrolyte imbalance should be gauged. Appropriate supportive fluid replacement therapy should be given along with other required supportive measures as indicated by clinical signs, symptoms and measurements.

ANTIDOTE

No specific antidote is known. Apply symptomatic therapy.

WARRANTY

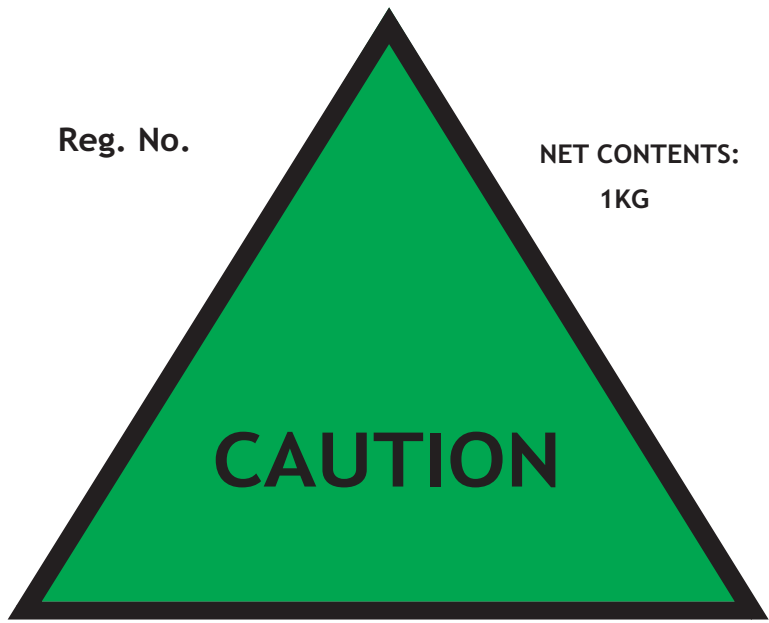
The user bears the risk for damage resulting from factors beyond the manufacturer's control. All recommendations for use of the product are based on the current state of the manufacturer's knowledge. Since the manufacturer cannot control the application, use or storage of the product, the manufacturer and seller cannot accept responsibility thereof. Since the occurrence of resistance cannot be foreseen, the manufacturer and seller accept no responsibility for any loss or damage to crops resulting from failure of Emamectin Benzoate 5WDG to control a resistant strain of the target pest.

SHELF LIFE: Two years from date of manufacture if kept in the original unopened container under constant cool and dry conditions.

DATE OF MANUFACTURE:

BATCH NO.

EMAMECTIN BENZOATE 5WDG INSECTICIDE



Composition.....Mass/Mass
Emamectin Benzoate.....50g/kg

Chemical group: Avermectin

A water soluble granular insecticide for the control of African Bollworm and semi-looper in tomatoes, Codling moth in apples, Diamondback moth in cabbage, Fall Armyworm in maize, sweetcorn and potatoes.

Registered and Distributedby:
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DIRECTIONS FOR USE: Use only as directed

MIXING INSTRUCTIONS

Half-fill the spray-tank with clean water. Add the recommended quantity of EMAMECTIN BENZOATE 5WDG to the water while agitating. Top-up tank with the required volume of water. Always stir the spray-mixture well and apply within a few hours. DO NOT prepare more spray-mixture than is needed for the immediate operation.

APPLICATION

In all cases, apply as a full cover spray. Avoid run-off. Make sure the equipment is properly calibrated to give even distribution at the correct volume. DO NOT spray during the hot hours of the day, if the foliage is wet or if rain is imminent or if the weather is windy. Spray intervals are dependant on scouting results. DO NOT allow spray-mixture to stand overnight. NOTE: USE A 15-LITRE KNAPSACK SPRAYER.

CROP	PEST	DOSAGE	APPLICATION REMARKS
Brassicas Leafy vegetables (Lettuce, celery and spinach)	Diamondback moth (<i>Plutella xylostella</i>)	160g/100l of water/ha Knapsack sprayer: 24g	Apply as a full cover spray after scouting. A wetting agent should be added to waxy Brassica crops. DO NOT exceed more than 210l of spray-mixture/ha. DO NOT spray more than 4 applications per growing season. Alternate with an insecticide of a different mode of action if problem persists or resurfaces.
Tomatoes	Africa Bollworm (<i>Helicoverpa armigera</i>) Tomato Semi-looper (<i>Chrysodeixis acuta</i>)	200g/ha in 200-1000l of water/ha Knapsack sprayer: 15g	Apply as a full cover spray as soon as pests are noticed in a block of two applications, which are 7 days apart. DO NOT apply the second block application within 3 weeks of the first block application. If re-infestation occurs within 3 weeks of the second application, alternate with an insecticide of a different mode of action. DO NOT exceed 4 applications per crop cycle. Use a wetter or light mineral oil with Emamectin benzoate 5WDG. DO NOT add a sticker.
Apples	Codling Moth (<i>Cydia Pomonella</i>)	15-20g in 100l of water/ha at 14-day intervals Knapsack sprayer: 2,25-3g	Commence application as a full cover spray at onset of the 1 st , 2 nd or 3 rd generation of Codling Moth infestation. Use the higher rate when targeting the 3 rd generation or cases of high 2 nd generation infestation pressure, i.e. in orchards with a history of high Codling moth concentration or where fruit damage is evident when programme commences. DO NOT exceed 4 applications per crop cycle. If re-infestation occurs after the 3 rd generation, alternate with an insecticide of a different mode of action.
Maize and Sweetcorn	Fall Armyworm (<i>Spodoptera frugiperda</i>)	Tractor application: 300g/ha + 100ml of a non-ionic wetter/ha in 200l of water/ha Knapsack sprayer: 22,5g + 7,5ml of a non-ionic wetter	It is recommended to scout at regular intervals. When larvae are first noticed on the foliage, commence first application. Emamectin benzoate 5WDG will not control larvae which will have already entered the cob. Apply the 1 st application and then continue to scout. Follow up with a 2 nd application 10 to 14 days later if required. DO NOT exceed 2 applications per crop cycle. Apply the spray-mixture as a full cover spray.
Potatoes	Fall Armyworm (<i>Spodoptera frugiperda</i>)	Tractor application: 300g/ha + 100ml of a non-ionic wetter/ha in 200l of water/ha Knapsack sprayer: 22,5g + 7,5ml of a non-ionic wetter	It is recommended to scout at regular intervals. When larvae are first noticed on the foliage, commence with the first application. It is recommended to commence application when larvae are on average 2mm and smaller. Apply the 1 st application and then continue to scout. Follow up with a 2 nd application 7 to 14 days later if required. DO NOT exceed 2 applications per crop cycle. Alternate with an insecticide of a different mode of action if problem persists or resurfaces. Apply the spray-mixture as a full cover spray.

PRE-HARVEST INTERVALS

Minimum number of days between last application and harvesting:

Brassicas: 7 days; tomatoes: 1 day; Leafy vegetables (Lettuce, celery, spinach): 7 days; Potatoes:14 days, Maize and Sweetcorn: 14 days; Apples: 21days.

RESISTANCE WARNING:

Any insect population may contain individuals naturally resistant to Emamectin benzoate 5WDG and any other avermectin chemical group insecticides. The resistant individuals can eventually dominate the insect population if these insecticides are used repeatedly. Alternate with an insecticide with a different mode of action in order to delay the development of resistance. Integrate the control methods (chemical, cultural, biological) into insect control programmes.