

WARNINGS: DEVIPAN 100

The following minimum number of days must be allowed between last application and harvest of the crop or grazing:

Tomatoes, Cabbage, Cherries	2 days
Beans	3 days
Grapes	7 days
Wheat (when mixed with monocrotophos)	30 days

- Do not use in grain mills or stores containing unsealed edible commodities.
- Due to continued fumigation effect (12 hours or more) overdosing or disregard of warnings and precautions can have serious consequences.
- Under no circumstance leave spill concentrate or diluted spray around because the vapour given off could be dangerous.
- Handle with extreme care.
- Flammable: Do not store near open flame.
- Poisonous when swallowed, inhaled or absorbed through skin..
- Toxic to fish, bees and wild life.
- Store under lock and key away from food and feed.
- Keep out of reach of children, animals and unformed persons. In case of poisoning, call a doctor and make this label available to him.

AERIAL APPLICATION: Notify all inhabitants of the area to be sprayed and issue the necessary warnings. Do not spray over or allow drift to contaminate water of adjacent areas.

Although this remedy has been extensively tested under a large variety of conditions the registration holder does not warrant that it will be efficacious under all conditions because the action and effect thereof may be affected by factors such as abnormal climatic and storage conditions; quality of dilution water; compatibility with other substances not indicated on the label and the occurrence of resistance of the pest against the remedy concerned as well as by the method, time and accuracy of application. The registration holder furthermore does not accept responsibility for damage to crops, vegetation, the environment or harm to man or animal or for lack of performance of the remedy concerned due to failure of the user to follow the label instructions or to the occurrence of conditions which could not have been foreseen in terms of the registration. Consult the supplier in the event of any uncertainty.

PRECAUTIONS:

- Avoid inhalation of spray mist and fumes.
- Wear protective clothing (overall, rubber boots, gloves and respirator).
- In case of skin contact wash thoroughly with soap and water.
- Wash contaminated clothing.
- Do not eat, drink or smoke whilst mixing, applying or preparing the spray mix, or before washing hands and face.
- Prevent spray drift onto other crops, grazing, rivers and dams and areas not under treatment.

Clean applicator before using for other remedies and dispose of wash water where it will not contaminate crops, grazing, rivers and dams. Prevent contamination of food, feed, drinking water and eating utensils. Keep treated buildings closed for about 12 hours and ventilate well before re-entry. Invert the empty container over the spray 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 three 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 before destroying the container in the prescribed manner. Destroy empty container by perforation and flattening and never use for any other purpose.

SYMPTOMS OF HUMAN POISONING:

Symptoms may occur during spraying operations and even up to 8 hours after cessation of spraying. Symptoms include headache, fatigue, faintness, giddiness, excessive sweating, nausea, abdominal pains, vomiting, diarrhoea, tightness of chest, blurred vision, muscle twitching beginning in eyelids and tongue, small pupils, respiratory distress, convulsions and coma.

FIRST AID TREATMENT:

Remove patient from source of poisoning and keep him quiet and reassured. Remove contaminated clothing and rinse contaminated body thoroughly with plenty of soap and cold water. Do not rub skin hard. Flush contamination out of eyes with clean water for at least 15 minutes. If water diluted mixture has been swallowed, induce vomiting by tickling back part of throat. In concentrate has been swallowed firstly give copious quantities of either beaten egg white, starch solution or Milk of Magnesia before inducing vomiting. Repeat until vomit fluid is clear and free from smell of poison. Take the patient immediately to the nearest physician.

Administer artificial respiration or closed chest cardiac massage if necessary. Do not apply direct mouth to mouth respiration. Never give anything by mouth to an unconscious person.

NOTE TO PHYSICIAN:

Administer atropine sulphate intravenously (1 to 4 mg) every 5 to 10 minutes until signs of atropinisation (dry flushed skin and tachycardia) occur. 2 PAM 50 mg/kg up to total dose of 1 to 2 gr or 2/3 of this dose of Protopam. Repeat oximes if necessary. Do not give morphine.

RESISTANCE WARNING:

For resistance management DEVIPAN® 100 is a group code 1B insecticide. Any insect population may contain individuals naturally resistant to DEVIPAN® 100 and other group code 1B insecticides. The resistant individuals can eventually dominate the insect population if these insecticides are used repeatedly. These resistant insects may not be controlled by DEVIPAN® 100 and other group code 1B insecticides. To delay insect resistance the following can be done:

- Avoid exclusive repeated use of insecticides from the same insecticide group code. Alternate or tank mix with products from different insecticide group codes.
- Integrate the control methods (chemical, cultural, biological) into pest control programmes.

For specific information on resistance management contact the registration holder of this product.

DIRECTIONS FOR USE: USE ONLY AS DIRECTED

COMPATIBILITY: Compatible with most insecticides and fungicides but not with lime Lime, Lime sulphur and Bordeaux Mixture. Mixing must be done immediately before spraying.

APPLICATION RATES:

CROP AND PEST	DOSAGE / 100 l WATER	REMARKS
TOMATOES, BEANS Plusia-looper	100 ml	Apply as a full cover spray when pest is noticed. Repeat as necessary.
CABBAGES Aphids, Caterpillars of the Diamond back moth, Greater cabbage moth	100 ml	Apply as a full cover spray when pest is noticed. Repeat weekly or as necessary. Give special attention to undersides of leaves.
FLOWERS AND ORNAMENTALS Mealy bug, Australian bug Plusia-looper	100 ml 100 ml	Apply as a full cover spray. Ant control will materially assist in control. Apply as a full cover spray. Repeat as necessary.
CUT FLOWERS Various flower pests (disinsection)	1 ml / m ³	For mass treatment of cut flowers. Apply as a fine mist avoiding direct application to flowers. Cover immediately with an airtight tarpaulin and leave for several hours to obtain full benefit of fumigant action. May be phytotoxic to certain flowers.

CROP AND PEST	DOSAGE / 100 ℓ WATER	REMARKS
LAWNS Lawn caterpillar	100 ml	Apply when damage is noticed. Apply as a light full cover spray. A damp sack left on the lawn overnight will reveal infestation when the sack is removed in the morning.
WHEAT Green and brown aphids Green aphids Russian aphids	Tank mixes 100 ml + 500 ml monocrotophos / ha	Aerial and ground applications: Apply when it is noticed that the pest is on the increase and very few ladybird predators or parasites are present. The wheat should be growing actively to obtain best results with systemic insecticides. Apply at first sign of infestation. Repeat with 8 to 10 day intervals if necessary.
GRAPES Mealy bug	75 ml (3,0 to 4,5 ℓ / ha)	H.V.: Use in 4 000 to 6 000 litre spray solution per ha during spring and summer. Use 250 to 500 ℓ / ha in winter. Unless indicated differently, start spraying when pest is observed, usually at the base of young shoots during December. Thorough wetting is necessary. Use only as a supplementary spray to the standard programme. In the case of table grape cultivars with a relatively short harvesting period, apply one spray about 3 weeks after the last application of the standard programme. In the case of table grapes with a prolonged harvesting period apply two spray the second 3 to 4 weeks after the first.
CHERRIES Slug	50 ml	Full cover application when pest is noticed.
GARBAGE, MANURE AND COMPOST HEAPS Flies and maggots	250 to 500 ml	To control fly breeding apply as a full cover spray to the outside of the heaps when fly breeding is noticed. Re-apply when fresh material is added.
FARMYARDS, COWSHEDS, STABLES, PIGSTIES, STOREROOMS (Not for houses) Bedbugs, Cockroaches, Flies, Mosquitoes, Grain weevils, Flour beetles and clothes moths	Per 10 ℓ water 25 to 50 ml	Apply as a coarse droplet treatment (watering can with a fine rose) at the rate of 2 ℓ spray solution per 150 m ² . May be applied with a mistblower at the rate of 1 ℓ per 150 m ² . Remove all animals and personnel and keep tightly closed for 12 hours. Avoid contamination of milk, milking utensils, food and feeds.