

READ THE LABEL BEFORE USE. KEEP OUT OF REACH OF CHILDREN AND ANIMALS. SHAKE THE BOTTLE WELL BEFORE USE.

RESTRICTED USE AGRICULTURAL REMEDY

THIS REMEDY IS RESTRICTED DUE TO SEVERE OR IRREVERSIBLE ADVERSE EFFECTS ON HUMAN HEALTH OR THE ENVIRONMENT. THIS REMEDY MAY ONLY BE SOLD TO AND USED BY REGISTERED PEST CONTROL OPERATOR, OR BY SOMEONE UNDER THE SUPERVISION OF REGISTERED PEST CONTROL OPERATOR, AND ONLY FOR THOSE USES COVERED BY THE PEST CONTROL OPERATOR'S SCOPE OF REGISTRATION, AND ONLY AS DIRECTED ON THIS LABEL.

Insecticide



TAMRON 585 SL

Reg. No. L 8251 Act No. 36 of 1947
N-AR 1111 / W 130695

4: 14/11/2024 - Nov2024

A systemic and contact water-soluble concentrate insecticide for the control of insect pests on agricultural crops as indicated.

ACTIVE INGREDIENT

GROUP

1B

INSECTICIDE

methamidophos (organophosphate)

585 g/l



Hazard Statements:

Highly flammable liquid and vapour.

Fatal if swallowed.

May be harmful in contact with skin.

Causes serious eye irritation.

Fatal if inhaled.

May cause drowsiness or dizziness.

Very toxic to aquatic life.

Precautionary Statements:

Keep away from heat, hot surfaces, sparks, open flames, and other ignition sources. No smoking.

Do not breathe dust, fume, gas, mist, vapours, or spray.

Do not get in eyes, on skin, or on clothing



DANGER



villa



UN Number: 2784

Registration holder: VILLA CROP PROTECTION (PTY) LTD.

Co. Reg. No.: 1992/002474/07

65 Botes Road, Glen Marais, Kempton Park, 1619

Tel. (011) 396 2233

Website: www.villacrop.co.za

IN CASE OF POISONING / 24 HR EMERGENCY NUMBERS:

Griffon Poison Information Centre (National) : +27 82 446 8946

Poison Information Helpline (National): +27 861 555 777

24 Hr Transport / Spill emergency no: (Hazcall24) +27 86 044 4411

(Client: Villa Crop Protection)

DIRECTIONS FOR USE ENCLOSED

Batch Number: Expiry Date:

Date of Manufacture:

REFER TO DETAILS AS PRINTED ON CONTAINER / BAG

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WARNINGS**Withholding periods:**

Minimum time between last application and harvest:	
Tomatoes	3 days
Potatoes	14 days
Cruciferae	21 days
Peaches	28 days

NOTE

ABOVE-MENTIONED WITHHOLDING PERIODS REFER TO COMPLIANCE WITH LOCAL MAXIMUM RESIDUE LIMITS (MRL'S). HOWEVER, IT IS IMPORTANT TO NOTE THAT IMPORT TOLERANCES OF OTHER COUNTRIES MIGHT POSSIBLY BE EXCEEDED. IF THE TREATED CROP WILL BE EXPORTED, FIRST CONSULT THE RELEVANT IMPORTER OR EXPORTING BODY REGARDING THE USE OF THIS PRODUCT, MRL'S AND RECOMMENDED WITHHOLDING PERIODS.

Hazard statements:

Highly flammable liquid and vapour.
Fatal if swallowed.
May be harmful in contact with skin.
Causes serious eye irritation.
Fatal if inhaled.
May cause drowsiness or dizziness.
Very toxic to aquatic life.

- Handle with extreme care.
- Store in a cool, dry, well-ventilated place in the original container, tightly closed and secured.
- Store under lock and key, away from food, feeds, seed, fertilizers and other agricultural remedies.
- Keep out of reach of children, animals and uniformed persons.
- **NOT FOR HOME GARDEN USE.**
- Re-entry: Do not enter treated area within 2 days after treatment unless wearing protective clothing.
- **In case of poisoning call a doctor and make this label available to him/her.**

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 soil, climatic and storage conditions, quality of dilution water, compatibility with other substances not indicated on the label and the occurrence of resistance of the pests to the remedy concerned, as well as by the method, time and accuracy of application. The registration holder further 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 event of any uncertainty.

PRECAUTIONS

Precautionary statements:

Keep away from heat, hot surfaces, sparks, open flames, and other ignition sources. No smoking.
Ground and bond container and receiving equipment.
Use non-sparking tools.
Take action to prevent static discharges.
Do not breathe dust, fume, gas, mist, vapours, or spray.
Do not get in eyes, on skin, or on clothing.
Wash hands and face thoroughly after handling.
Do not eat, drink, or smoke when using this product.
Use only outdoors or in a well-ventilated area.
Avoid release into the environment
Wear impervious rubber gloves and boots, a suitable respirator, protective clothing, and chemical safety goggles.
In case of inadequate ventilation wear respiratory protection.
IF SWALLOWED: Immediately call a POISON CENTER.
IF SWALLOWED: Get emergency medical help immediately.
IF ON SKIN: Wash with plenty of water and non-abrasive soap.
IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse affected areas with water [or shower].
IF INHALED: Remove person to fresh air and keep comfortable for breathing.
Get emergency medical help immediately.
Get medical help if you feel unwell.
Rinse mouth.
Take off immediately all contaminated clothing and wash before reuse.
In case of fire: Use carbon dioxide or dry chemical to extinguish small fires and water fog or foam for large fires.
Collect spillage.
Store in a well-ventilated place. Keep container tightly closed. Keep cool.
Store locked up.
Dispose of content/container to suitable landfill in accordance with local regulations.

- Prevent drift of spray mist onto other crops, grazing, rivers, dams and areas not under treatment or to nearby water sources.
- Thoroughly clean the spraying equipment directly after use and dispose of wash water where it will not contaminate food, grazing, boreholes, rivers or dams.
- **TRIPLE RINSE THE EMPTY CONTAINER AS FOLLOWS:** Invert the empty container over the spray or mixing tank and drain for at least 30 seconds after the flow has slowed down to dripping. Thereafter rinse the empty container three times in succession with one quarter of the container volume fresh water and decant the rinsate into the spray or mixing tank. Puncture the triple rinsed container and dispose of via an approved collector or recycler www.croplife.co.za. Do not bury, burn, or donate the container to any other parties that may use it as a container for food or beverages.
- **Never** re-use the empty container for any other purpose.
- Prevent contamination of food, feeds, drinking water and eating utensils.

SYMPTOMS OF HUMAN POISONING

Nausea, headache, tiredness, giddiness, blurred vision and pupillary constriction, vomiting, abdominal pain, diarrhoea, sweating and salivation. Confusion, ataxia, slurred speech, loss of reflexes are some of the central nervous system effects which may lead to misdiagnosis as acute alcoholism. After inhalation of vapours, ocular and respiratory effects appear within minutes. This includes marked miosis, ocular pain, conjunctival congestion, diminished vision, ciliary spasm and brow ache.

With acute systemic absorption: rhinorrhea, hyperemia of upper respiratory tract, tightness in the chest and wheezing respiration. Severe intoxication: salivation, involuntary defecation and urination, sweating, lacrimation, penile erection, bradycardia and hypotension.

FIRST AID TREATMENT

- Remove the patient from the source of poisoning to a well-ventilated area and keep him/her calm and reassured.
- Skin contact: Remove contaminated clothing and rinse contaminated body area thoroughly with plenty of soap and cold water. Do not rub the skin.

- **Eye contact:** Flush contamination out of eyes with clean running water for at least 15 to 20 minutes, holding the eyelid(s) open.
- **If swallowed:** If the water diluted mixture has been swallowed, rinse mouth thoroughly with water. Do not induce vomiting due to the presence of the aromatic solvent. **Seek medical attention immediately.** Administer artificial respiration or closed chest cardiac massage if necessary.
- **Do not** apply mouth-to-mouth respiration.
- **Never** give anything by mouth to an unconscious person.
- **Immediately take the patient to the nearest physician.**

NOTE TO PHYSICIAN

Administer atropine as early as possible in an adequate dosage until signs of atropinisation (dry flushed skin, tachycardia and pulse rate of over 120 per minute) occur. To prevent gastrointestinal absorption in the unconscious that has swallowed this product, perform stomach lavage using bicarbonate solution and activated charcoal. In less severe cases begin with 2 mg atropine intravenously for adults or 0.05 mg atropine/kg body weight for children under 12 years of age and repeat administration of the drug at 15-to-30-minute intervals. Morphine and similar drugs are contra-indicated. Avoid aminoglycosides and succinylcholine, which have a blocking effect on the neuromuscular junction. Phenothiazines, reserpine and theophylline are contra-indicated.

<u>Relevant hazardous components</u>	
Methamidophos	585 g/l
Isopropyl ethanol	< 300 g/l

NOTE: The ingredients listed above contribute to the overall GHS classification, the remaining ingredients do not have to be listed according to the South African Regulations for Hazardous Chemical Agents 2021, Regulation 14(b).

In case of poisoning, call the following number: +27 82 446 8946 (Griffon Poison Information Centre) or +27 861 555 777 (Poison Information Helpline).

In case of a chemical spill call the following 24 Hr Transport / Spill emergency number: +27 86 044 4411 (Hazcall24 / Client: Villa Crop Protection).

RESISTANCE WARNING

TAMRON 585 SL is a group code 1B insecticide. Any insect population may contain individuals naturally resistant to **TAMRON 585 SL** 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 **TAMRON 585 SL** or any other group code 1B insecticide.

To delay insecticide resistance:

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

For specific information on resistance management, contact the registration holder of this product or consult the website of the Insecticide Resistance Action Committee (<https://irac-online.org/>). If resistance is suspected, please consult your local company representative or agricultural advisor.

Mode of Action: Tamron 585 SL is a systemic insecticide and acaricide active by both contact and ingestion, absorbed by roots and leaves, translocated in the xylem and possibly the phloem. It works by inhibition of acetylcholinesterase (AChE) by covalent (irreversible) reaction with the enzyme at the acetylcholine binding site, blocking hydrolysis of acetylcholine and resulting in hyperexcitation.

NOTE

The Peach aphid *Myzus persicae* is a pest on peaches and potatoes, but has become resistant to organophosphates in some areas. **TAMRON 585 SL** may possibly, not control this aphid satisfactorily nationwide on these two crops.

RESTRICTED USE: Use only as directed.

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NOTICE TO USER:

Read the entire label before application. This agricultural remedy is to be used only in accordance with the instructions on the label. It is an offence under the Act to use this agricultural remedy for any purpose in a manner contrary with the directions on the label.

- Add the required quantity of **TAMRON 585 SL** to the water in the spray tank and agitate well.
- Spraying should be carried out on dry windless days.
- Ensure that the product is applied by accurate calibrated spray equipment, which is in a good working order.

APPLICATION RATES

Crop / Pest	Dosage Rate	Remarks
Potatoes Potato tuber moth	100 ml / 100 ℓ water	Full cover spray. With tractor applications use 200 to 500 litres spray mixture per hectare depending on the plant size. Apply preventatively with 10 to 14 day intervals. Ridge at least twice during the growing season.
Aphids	50 ml / 100 ℓ water	Spray at the first sign of infestation and repeat every 10 to 14 days.
Cutworm (Western Cape only)	100 ml / 100 ℓ water	Apply as a full cover spray when the plants emerge. Repeat preventative applications at 10 to 14 day intervals.
Cruciferae Aphids, Caterpillars of Greater cabbage moth & Diamond-back moth	100 ml / 100 ℓ water	Apply when infestations are noticed. The under-side of the leaves should also be wetted. Add a spreader. Repeat weekly.
Peaches Aphids*	100 ml / 100 ℓ water	Apply as a high-pressure full cover spray. Repeat if necessary in case of re-infestation.
Tomatoes African bollworm & Potato tuber moth (Leaf miner)	100 ml / 100 ℓ water	Apply the spray solution under pressure, to wet the plants thoroughly. Start spraying at flowering time and repeat every 7 to 14 days, as long as these pests remain active. Apply up to 500 litres spray mixture to plants below 60 cm high and 1000 litres or more to plants above 60 cm in height. Will also suppress Red spider mites.
	500 to 1000 ml / ha	Apply as low volume applications, with mist blowers. Ensure thorough coverage. Use the lower dose for smaller plants (up to 60 cm high).
Plusia looper	100 ml / 100 ℓ water	As for the above two caterpillar species. Spraying is only justified after appearance of the pest.