

Manufacture Date :
Expiration Date :
Charge No :
Permit Date & Number :

TARGETED PLANTS AND PESTS:

Although applicable on all types of soil **Troy** is used before any plantation in order to disinfect greenhouse, pot and nursery soils against fungi and weed seeds seen on seeds and roots.

- **At greenhouses with drip irrigation and solarization system:** Should be applied at the dosage of 100 L/da as soil fumigant before plantation of tomato for control of damping disease and damping root rot (*Fusarium oxysporum*, *Fusarium solani*).
- Should be applied at the dosage of 60-125 ml/m² at greenhouses and nursery beds with tray type irrigation.

METHOD OF APPLICATION:

Troy is mostly used for fumigation of soil in glass and polyurethane greenhouses. Before fumigation plow greenhouse soil to loosen and level it. Farm fertilizer or green fertilizer, whichever is used, should be mixed into the soil before fumigation. Fumigation should be done minimum 3-4 weeks before planting and soil should be ready for plantation.

- 1) **At greenhouses with drip irrigation and solarization system:** Cover the soil surface with a transparent cover in a gas-tight fashion for fumigation. Then apply **Troy** through the drip irrigation system until it permeates the soil down to 20-25 cm depth. Solarization should be continued for minimum 4-6 weeks.
- 2) Soil should be divided into equal trays with a height of 10 cm. trays should be completely filled with water and treated with **Troy** at a dosage of 60-125 ml per square meter. At parcel edges application should be done by irrigating with a mixture of 60-125 ml **Troy** to 10 liters of water (this mixture is for treatment of 1 m²). All walls of the greenhouse should also be sprayed with mixture of same proportion. After the soil trays are treated the product should be mixed in using a shovel, and after application is completed soil surface should be covered with nylon. Outer nylon or glasses of the greenhouse should also be covered. This will ensure the gas will not escape the application area. The greenhouse should be left covered for 15-20 days.

In both methods of application the covers should be removed after the waiting period and soil should be irrigated by drip irrigation or canal irrigation. When the soil is ready for plantation it should be plowed 2 times in a period of 3-4 days to aerate the soil. At the end of this time the CRESS test should be conducted to determine whether there is any residue of **Troy** in the soil and the planting decision should be made according to the result of cress test.

Continued on Page 2

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TROY

Soluble Concentrate (SL)

Name & Amount of Active Ingredient: Litrede 500 g
Metam-sodium in Liter
Sodium methylthiocarbamate

GROUP	Z	FUMIGANT
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FIRSTLY READ THE LABEL.

DO NOT USE AT HOME.

KEEP AWAY FROM CHILDREN, FOODSTUFFS AND ANIMAL FEED.

DO NOT INHALE VAPORS AND/OR PARTICLES OF PESTICIDE.

PLEASE USE PROTECTIVE CLOTHING, GLOVES AND GOGGLES.

DO NOT EAT, DRINK OR SMOKE DURING APPLICATION OF PESTICIDE.

DO NOT ALLOW HUMAN AND ANIMAL TO ENTRY INTO PESTICIDE TREATED AREAS FOR 1 DAY

PLEASE FOLLOW THE USAGE INSTRUCTIONS TO PREVENT ANY HUMAN HEALTH AND ENVIRONMENTAL RISKS.

IT IS STRICTLY PROHIBITED TO USE THE PESTICIDE ON ANYTHING OTHER THAN RECOMMENDED TARGETS.

SHAKE WELL AFTER ADDING CLEAN WATER TO EMPTY CONTAINER OF PESTICIDE WITH THE RATE OF 1/4. POUR THE SHAKEN WATER INTO DISINFECTION TANK. REPEAT THIS PROCESS THREE TIMES

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Net Amount :
Max. Retail Sales Price :

HAZARD PROPERTY:

C: IRRITANT N: DANGEROUS FOR THE ENVIRONMENT

SYMBOLS AND EXPLANATION:



C: IRRITANT



N: DANGEROUS FOR THE ENVIRONMENT

INGREDIENTS:

METAM SODIUM.

RISK EXPRESSIONS RELATED TO APPLICATOR AND ENVIRONMENT:

R22: Harmful if swallowed

R34: Causes burns.

R43: May cause sensitisation by skin contact.

R50: Very toxic to aquatic organisms

R53: May cause long-term adverse effects in the aquatic environment

SAFETY EXPRESSIONS:

S1/2: Keep locked up and out of the reach of children

S13: Keep away from food, drink and animal feeding stuffs.

S24: Avoid contact with skin

S25: Avoid contact with eyes

S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice

S27: Take off immediately all contaminated clothing

S28: After contact with skin, wash immediately with plenty of water

S29: Do not empty into drains

S36/37/39: Wear suitable clothes, protective clothes.

S45: In case of accident or if you feel unwell seek medical advice immediately (show the label where possible)

S46: Call a doctor immediately if swallowed and show the container or label.

S56: Dispose of this material and container in collection places for dangerous or special wastes.

S64: In case of swallowed, wash the mouth with water (if the patient is conscious)

MANUFACTURING AND PERMIT HOLDING COMPANY: AGRI SCIENCES TARIM VE ILAC UR. SAN. VE TIC. LTD. STI.

Bekir Saydam Cad. No: 31

Pancar, Torbali, Izmir

Tel: +90-232-864-13-33 Fax: +90-232-864-16-79

CRESS Test Procedure: Take small amounts of soil samples from the greenhouse with certain intervals and mix these samples at a separate place. Place this soil mixture into a jar and plant a seed. If cress seeds emerge in 2-3 days this means there is no pesticide residue in the soil and plantation can be performed. If cress seeds fail to emerge the soil should be aerated again, and plantation should be postponed until this test results in cress seed emergence. When cress seeds emerge the soil will be ready for plantation.

INFORMATION ON RESISTANCE:

The pesticide name **Troy** is a fumigant classifies as Group Z in accord with its action mechanism. Repeated applications of pesticides with same action mechanisms invite development of resistance. Therefore, to delay development of resistance, do not exceed the recommended number of **Troy** applications in the same season. In case repeated application is necessary, take care to use pesticides with a different action mechanism (except of Group Z).

MISCIBILITY:

It cannot be mixed with other pesticides.

IMPORTANT NOTE: It is not sufficient to disinfect the greenhouse where the plants will be grown. The nursery beds used for growing the seedlings should also be treated.

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SYMPTOMS OF POISONING:

Headache, dizziness, weakness, haze etc.

FIRST AID MEASURES:

In case of intoxication call a doctor immediately, take the package and label of the pesticide with you. Take the patient away from the contaminated area, take him to a cool and airy area. Take off the contaminated clothes. Wash the contaminated body parts with plenty of soap and water for 15 minutes. If swallowed, give plenty of water. Apply artificial respiration.

ANTIDOTE AND NECESSARY INFORMATION:

There is no special antidote. The treatment is performed as per the symptoms.

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HANDLING AND STORAGE CONSIDERATIONS:

- Store the pesticide in its closed packaging.
- Suitably dispose the empty packages.
- Do not use empty packages for any other purpose.
- Do not put pesticide in empty food or drink containers.
- Toxic for fish
- Avoid contaminating above and underground waters.
- This product is a soil fumigant and it should not be applied on plants.
- Plantation should not be started until the odor of the pesticide disappears from the soil.
- Keep the product away from natural rubber or elastic items and materials.

STORAGE CONDITIONS:

In its original package store it closed , away from food and keep locked up and out of the reach of children and in cool and dry place. When stored under cool and dry conditions in its original closed package, the product will not experience any physical, chemical or chemical changes outside the tolerance limits for 2 years.

DISCLAIMER:

The manufacturer warrants the quality of the product as long as it is sold in its original packaging. The user is responsible for the damage risk, arising from the factors out of the manufacturer. The manufacturer shall not accept any responsibility regarding damages originating from erroneous storage or failure to follow instructions.

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(Company Stamp & Signature)