

# VAPOZATE- 50% EC

Nematicide  
Emulsifiable Concentrate

VAPCO

Class:  
Organophosphate

**Systemic, Nematicide for control of nematodes listed in the table of uses**

**COMPOSITION:** Each Liter contains:

**FOSTHIAZATE**

**50% W/V (A.I)**

**PROPERTIES:**

**VAPOZATE-50% EC:** Active primarily by contact with some activity by ingestion

**VAPOZATE-50% EC:** Control root-knot nematodes, root lesion nematode, stubby nematode and other nematodes

**USES AND APPLICATION RATE:**

CROP	PESTS	DOSE	NOTE
<b>Tomato</b>	Root-knot nematodes ( <i>Meloidogyne incognita</i> ) Root lesion nematode ( <i>Pratylenchus penetrans</i> ) Spiral nematode ( <i>Helicotylenchus</i> spp.) Stubby nematode ( <i>Trichodorus</i> spp.) Sting nematode ( <i>Belonalamus</i> spp.)	224-338 ml/100 l water /donum	Applied through drip (trickle) irrigation systems on the day of transplantation, do not apply more than one application per year.
<b>Pepper (green house)</b>	Root-knot nematodes ( <i>Meloidogyne</i> spp.)	1000 ml/100 l water/ donum	Drip irrigation application, 3-6 days before transplanting, do not use after transplanting, no need to second application
<b>Ornamentals</b>	Root-knot nematodes ( <i>Meloidogyne</i> spp.) Root lesion nematode ( <i>Pratylenchus</i> spp.) Cyst nematode ( <i>Heterodera</i> spp.) Potato rot nematode	450 ml/100 l water/donum	---
<b>Potatoes</b>	Root-knot nematodes ( <i>Meloidogyne</i> spp.)	450 ml/ donum	Period between last application and harvest 49 days, do not apply more than one application per year, first application just before sowing/transplanting. Second application: 45 days after the first application.
<b>Cucumber</b>	Root-knot nematodes ( <i>Meloidogyne</i> spp.)	1 L/100 L water/donum	3-6 days before transplanting, Period between last application and harvest 49 days

• For more details about first aid & precautions please refer to first aid & precautions index.

CROP	PESTS	DOSE	NOTE
Fruits tree	Root-knot nematodes ( <i>Meloidogyne</i> spp.)	300 ml/100 L water/donum	Applied on the day of transplantation, one application per season, apply the medicament strips in the planting ditch and cover with soil before planting.

**CAUTIONS:**

- Do not apply with aircraft.
- Do not apply immediately before a torrential rainfall is forecasted.
- Method of application:
- \* Potato:
  - Ground application: applied to soil directly by sprayer and soil irrigation should be done before the application to well penetration of the product. And then seedling can be transplanted to soil.
  - Drip irrigation: it should be applied by drip irrigation in greenhouses with recommended dose, 3-6 days before transplanting. No need to second application. Do not use after transplantation.
- \* Pepper:
  - Drip irrigation: it should be applied by well calibrated drip irrigation system in greenhouses with recommended dose, prepared solution must be reach 10-15 cm deep of soil and it's recommended to use 5-20 tons of water per ha, do not use more water, otherwise solution can't reach roots.

**RE-ENTRY PERIOD:**

7 days from last application.

**COMPATIBILITY:**

Incompatible with other pesticide.

\* OTHER FORMULATION & TRADE NAME: AFATE-75% SP.

• For more details about first aid & precautions please refer to first aid & precautions index.