

# VAYOMIL - 24% SL

INSECTICIDE, ACARICIDE AND NEMATOCIDE  
SOLUBLE CONCENTRATE

VAPCO

Class:  
Carbamate

systemic pesticide with contact action used to control wide range of insects, nematode and mites on many crops mentioned in the tables of uses.

**COMPOSITION:** Each Liter contains:

**OXAMYL**

**24% W/V ( A.I)**

**PROPERTIES:**

**VAYOMIL-24% SL:** Contact and systemic pesticide, used to control wide range of insects, nematode and mites on many crops mentioned in the table of uses.

**VAYOMIL-24% SL:** Absorbed by the foliage and roots, with translocation to all plants parts.

**USES AND APPLICATION RATES:**

CROPS	PEST	APPLICATION RATE	PHI (DAYS)	TIME OF APPLICATION	NOTE
Apple	Apple aphid	Foliar spray 95-189 ml/20 L water	14	Before blooming/before open the petals when aphid appear	- Do not spray during the flowering period/or during 30 days after flowering.
	Leafminer	Foliar spray 95-189 ml/20 L water		For best control spray before larva start feeding the leaves, repeat after 7-14 days after first spray.	- Do not use for more than 4 time during season it is recommended to use pesticides from another groups alternately with the use of this pesticide
	European red mite and Two spotted spider mite	Foliar spray 47-95 ml/20 L water		When appear 2-4 mite/leaf, repeat after 7-14 days from first spray.	
	Leafhopper	Foliar spray 47-95 ml/20 L water		When infection appear, repeat after 10-14 days from first spray.	- Do not graze in treated area.
	Sunn bug	Foliar spray 75-200 ml/20-160 L water		When insect appear, repeat after 7 days from first spray, for best control overall blanket treatment	- Repeat spraying after 7 days at least from last application.

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

CROPS	PEST	APPLICATION RATE	PHI (DAYS)	TIME OF APPLICATION	NOTE
<b>Lemon, orange, pomelo, grapefruit, mandarin, kumquat</b>	Rust citrus mite	Foliar spray 6-25 ml/20 L water	7	Spray when infection appear, repeat spraying in moderate infection after 4-6 weeks from first spray, and in high infection repeat the spraying after 2-3 weeks from first application.	- Do not use for more than 6 time during season.  - Do not graze in treated area, and do not spray during bees appears.
	Thrips	Foliar spray 47-95 ml/20 L water		Spray in spring before blooming when new leaf appear "3-4 leaf", spray when petals full down (to prevent scar in fruit), spray in mid of summer (to prevent new leaf).	- Repeat spraying after 14 days at least from last application.  - Add to drip irrigation system, or microsprinkler irrigation cycle.
	Citrus nematode	In drip irrigation system 47-95 ml/20 L water		In spring, treat the soil when temperature at 10 °C in 30 cm deep, continue treatment until the soil temperature be less than 10 °C, April, May and June is the best months for soil treatment until to September and October.	
<b>Cherry, peach and pears</b>	Mites, Aphids, Thrips, Hoppers and leafminer	Foliar spray 50-100 ml/20 L water	14	Spray when insects appear	- Do not use for more than 5 time during season, or 6 treatment during season.
	Nematode	Foliar spray 50-100 ml/20 L water Soil treatment before planting 1 L/20 L water		Can spray not more than 4 times, 2-3 weeks between spraying. Soil treatments in 10-15 cm deep, after 24 hours from transplanting.	- Repeat spray after 14 days at least from the last application.
	Sunn bugs	Foliar spray 75-200 ml/ 20-160 L water		----	- Do not spray if plant under stress.
<b>Carrots</b>	Root knot nematode	Soil treatment before and after planting 1 L/20 L water	14	Treatment soil before one week of planting or before plant eruption if the soil treatment after planting in 5 cm deep.	- Do not add to soil directly not more than 3 times during season, or do not use <b>VAYOMIL-35% WP</b> not more than 4 times during season.
		In irrigation system 190 ml/20 L water		Before plant eruption.	- Repeat spray after 14 days at least from last application.
		Furrows 1 L/20 L water		Soil treatment directly during planting in furrows:	
	Carrot beetle	Spray the soil 250-500 ml/20L water		Add to soil in 5 cm deep.	

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<b>Cucumber, water-melon, melon, squash and pumpkin</b>	Root knot nematode	Soil treatment before planting 94-189 ml/20 L water	3	----	<ul style="list-style-type: none"> <li>- If the nematode infection increase in soil, prefer to use other pesticide in different mode of action.</li> <li>- Soil injection in 5 cm deep.</li> <li>- Do not spray not more than 2 spray during season or 3 treatment during season.</li> </ul>
		Foliar spray 47-95 ml/20 L water		First spray after planting 2-4 weeks, second spray after first spray 2-3 weeks.	
		Drip irrigation system and soil injection 47-95 ml/20 L water		Soil treatment during plant transplanting or during 14 days from transplanting, repeat treatment 2nd and 3rd between each treatment 10-14 days.	
	Leafminer, Aphids and Thrips	Foliar spray 47-95 ml/20 L water		First spray after planting 2-4 weeks repeat again after 7 days from first spray.	
		Drip irrigation system and soil injection (leaf miner) 47-95 ml/20 L water		Soil treatment during plant transplanting 14 days from this procedure: Repeat 2nd and 3rd each 10-14 days.	
<b>Eggplant</b>	Aphid, leafminer and mites	Foliar spray 47-95 ml/20 L water	3	- Spray when pest appear, repeat spray between 10-21 days.	<ul style="list-style-type: none"> <li>- Repeat after 10 days at least from last application.</li> <li>- Do not spray more than 4 spray or 6 in season.</li> <li>- If Nematode infection increase prefer to use other pesticide in different mode of action.</li> </ul>
	Nematode	Soil treatment 95 ml/20 L water	7	Soil treatment in 5 cm deep after 2-3 weeks from plant transplanting and soil treatment again after 2-4 weeks from first treatment.	
		Foliar spray 95 ml/20 L water	Spray twice, first spray during 10-14 days, second spray: after 2-4 weeks from first spray.		
		Drip irrigation system and soil injection 47-95 ml/20 L water	Inject the soil in 5 cm deep.		
<b>Garlic</b>	Onion Thrips, Rose Thrips	Spray and drench with irrigation system 47-95 ml/20 L water	14	Spray when Thrips appear 1-3 in plant.	Repeat spray after 7days from last application, do not use not more than 8 time in season.

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CROPS	PEST	APPLICATION RATE	PHI (DAYS)	TIME OF APPLICATION	NOTE
Pepper	Root knot nematode	Seedling treatment 25 ml/20 L water	7	Seedling treatment during transfer	- Repeat spray after 7 days at least from last application.
		Seedling spray 47 ml/20 L water		-----	- Do not use more than 6 times during season.
		Drench by drip irrigation system after 14 days of transfer seedling 125 ml/20-100 L water		Re-soil treatment after 7 -14 days	- After treatment in drip irrigation system leave it for 24 hour then irrigate the plant.
	Aphid, Leaf miner, Thrips and ladybugs	Spray, Drench by drip irrigation system and soil injection 47 ml/20 L water		Start treatment directly after seedling transfer or during 14 days of transfer	
Tomato	Root knot nematode	First treatment (drip irrigation) 47-95 ml/20 L water	3	-----	- Repeat spray after 7 days from last application.
		Soil treatment before seedling transfer in 5 cm deep. 47-95 ml/20 L water		-----	- Do not use more than 8 times during season.
		Spray after seedling transfer 47-95 ml/20 L water		-----	- Add to irrigation system in the last irrigation cycle.
		Soil injection in 5 cm deep or use drip irrigation system 47-95 ml/20 L water		-----	
	Aphids, Leafminer and whitefly	Foliar spray 47-95 ml/20 L water		-----	
	Sunn bugs	Foliar spray 187-500 ml/20 L water		-----	
Soil injection in 5 cm deep or use drip irrigation system (leafminer) 47-95 ml/20 L water		-----			

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CROPS	PEST	APPLICATION RATE	PHI (DAYS)	TIME OF APPLICATION	NOTE
Sweet potato	Root knot nematode	Soil treatment before planting 2 L/20 L water	3	Add after one week on planting	- Do not use when plant under stress
		Furrows 100-200 ml/20 L water		Soil treatment during making furrow	

**CAUTION:**

Used only on the above mentioned crops and follow the recommended safety period before harvest.

**RE-ENTRY PERIOD:**

48 hours from the last application.

**COMPATIBILITY:**

Compatible with most common pesticides except alkaline compounds, compatibility test is recommended before spraying.

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