

85.12.31

MALATHION 500

INSECTICIDE

LIQUID EMULSIFIABLE CONCENTRATE

AGRICULTURAL

GUARANTEE :

MALATHION 500 GM/L, EQUIVALENT TO MALATHION 486.%

REGISTRATION NO. 17426

PEST CONTROL PRODUCTS ACT

READ THE LABEL BEFORE USING

CAUTION                      POISON

GAROX CHEMICALS INC.

R.R. NO.1

ONTARIO

L0R 1C0

DIRECTIONS FOR USE

GENERAL INFORMATION:

For best results, apply when the temperature is 21 deg.C or higher. Use sufficient volume of spray per hectare for good coverage of all plant parts. For proper timing of the application, follow Provincial Spray Guides. Repeat as necessary or at 10-12 day intervals.

DAYS TO HARVEST:

Do not apply to crops within the following pre-harvest intervals.

1 Day - Asparagus, Pastures

3 Days - Broccoli, Beans, Cucumber, Eggplant, Head Lettuce (field grown),  
Leek, Garlic, Melon, Green onion, Pea, Pepper, Potato, Pumpkin,  
Squash, Tomato

7 Days - Table Beet, Brussels Sprouts, Cabbage, Carrot,  
Cauliflower, Celery, Endive, Head Lettuce (greenhouse),  
Parsnip, Radish, Salsify, Spinach, Turnip (Rutabaga), Wheat, Oats,

Barley, Rye, Rape, Flax, Clover, Alfalfa, Tobacco

14 Days - Leaf Lettuce (field grown)

21 Days - Leaf Lettuce (greenhouse)

TYPE OF USE	INSECTS/METHOD	RATE
ASPARAGUS	Asparagus Beetle	2.75 L/ha
POTATO, TOMATO	Tomato russet mite, Spider mites, Aphids, Cucumber beetle, Leafhoppers, Leafminers, Colorado potato beetle	1.5-2 L/ha
CELERY, GARLIC, LEEK, ONION (BULB, GREEN, SPRING), PEA	Aphids, Pea Weevil, Pea Moth, Leafhoppers, Mites, Thrips, Six-spotted leafhopper	2 L/ha
BEANS, ENDIVE FIELD LETTUCE (LEAF, HEAD) GREENHOUSE LETTUCE (LEAF, HEAD)	Mexican bean beetle, Mites, Leafhopper, Aphids, Cabbage looper, Six-spotted leafhopper, Thrips. On greenhouse lettuce use no more than 2 applications.	1.5-2.75 L/ha
BEEF, BROCCOLI, BRUSSELS SPROUTS, CABBAGE, CARROT CAULIFLOWER, EGGPLANT, PARSNIP, PEPPER, RADISH, TURNIP	Imported Cabbage worm, Cabbage looper, Aphids, Mites, Six-spotted leafhopper, Leafhoppers, Leafminers, Flea beetles, Pepper weevil (maggot)	1.5-2.75 L/ha
CUCUMBER, MELON, PUMPKIN, SQUASH	Aphids, Mites, Leafhoppers, Cucumber beetle, Leafminers. Do not spray unless foliage is dry.	2 L/ha (for melon 2-2.75 L/ha)
SPINACH	Leafminer, Aphids	2.75-3.5 L/ha
ORNAMENTAL TREES AND SHRUBS, FLOWERS (outdoors and in greenhouse)	Aphids, Thrips, Lace bugs, Leafminers, Mealy bugs, Bagworms, Spider mites, Tent caterpillars, White flies, Pine needle scale, Tarnished plant bugs, Leafhoppers, European pine shoot moth.	1.25-2.5L/1000 L (in greenhouse 1.25-1.5 L)
MUSHROOMS	Phorid and Sciarid flies August 11, 1995, Mites. Apply 12 L/100 m <sup>2</sup> of bed surface immediately after picking and repeat about 2 times per week or as required but not later than 2 days before picking.	175-300 mL/100 L

	Phorid and Sciarid flies. Spray or the point of run-off. Avoid spraying on the bed surface whenever the time of application or the volume of spray is different from the use pattern above.	
CEREALS, FLAX, RAPE, PASTURES, HAY-CROPS	Grasshoppers : as low volume <sup>7</sup> application by air. On flax, legumes, or rape, apply when bees are absent from the area and temperature is above 18 deg. C.	1.1-1.7 L/ha. Use cereals and hay crops
RAPE	Diamond-back Moth, Flea beetle	0.7 L/ha
ALFALFA, CLOVER	Grasshoppers, Alfalfa Weevil (larvae) Leafhoppers, Yellow Clover Aphids, Lygus Bug, Spittle Bugs (adults). Apply when about 75% of foliage shows feeding damage. Do not apply when crop is in bloom.	2-2.75 L/ha
TOBACCO	Aphids, Leafhoppers, Tobacco Hornworm	1.1-2.1 L/ha
GRAIN ELEVATORS, GRANARY BINS (for grain) to control the above insects.	Spray inside and outside of walls, floors and machinery 2-4 weeks before storing grain. Repeat as needed while bins are empty. May be used within one day of storing grain.	250-300 mL in 5 L per 100 m <sup>2</sup>
BEEF CATTLE NON-LACTATING DAIRY CATTLE	Lice, Ticks, Gnats, Mosquitoes. Spray thoroughly on animals. Avoid treating eyes, ears and nose; repeat if necessary. Do not contaminate food or water troughs. Do not apply to dairy cows within two weeks of freshening. See caution below.	1L in 100L
BEEF AND ALL DAIRY CATTLE	Fill back-rubber device with this oil-solution. One device required per 35-40 head of cattle. See caution below.	4L in 100L
SWINE	Sarcoptic Mange. Apply 2.3 L of spray per animal; repeat 12 days later if necessary. See caution below.	2L in 100L
SHEEP	Lice, Ticks, Keds. Spray animals thoroughly; repeat in 2-3 weeks, if necessary.	1L in 100L
CAUTION FOR LIVESTOCK: Do not apply to animals under one month of age. Do not apply to adult animals nursing their young. Do not apply to livestock within 30 days of slaughter.		

<p>OUTDOOR AREAS The larger sprayed area, the better is the residual effect.</p>	<p>Mosquitoes adults. Spray grass, weeds and shrubs evenly. Repeat as necessary. Do not mix with oil if spraying valuable ornamentals.</p>	<p>1.1 L/ha</p>
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PRECAUTIONS:

KEEP OUT OF REACH OF CHILDREN. Hazardous if swallowed, inhaled or absorbed through the skin. After handling, wash thoroughly with soap and water before eating or smoking and change clothing. Do not apply or allow to drift to areas occupied by unprotected persons or animals, or to streams, lakes or ponds to protect wildlife. Avoid contamination of feed or food, including such crops on which residue is unsafe. When spraying in greenhouse wear synthetic rubber gloves and a suitable mask or respirator, such as American Optical Respirator 5058 or Willson Agritox Respirator.

FIRST AID:

If swallowed, do NOT induce vomiting, but rush patient to nearest hospital taking this labelled container with you. In case of skin contact, remove contaminated clothing and wash skin thoroughly with soap and water. If in eyes, flush with plenty of water for 15 minutes and take patient to hospital at once.

TOXICOLOGICAL INFORMATION:

Symptoms of poisoning are nausea, headache, blurred vision, general feeling or being unwell. Use saline cathartics and gastric lavages; avoid aspiration as this product contains petroleum distillates. This product is a cholinesterase inhibitor; atropine is antidotal.

STORAGE AND DISPOSAL:

Do not store this product at temperature below -25 deg. C.

1. Rinse the emptied container thoroughly and add the rinsings to the spray mixture in the tank.
2. Follow provincial instructions for any required additional cleaning of the container prior to its disposal.
3. Make the empty container unsuitable for further use.
4. Dispose of the container in accordance with provincial requirements.
5. For information on the disposal of unused, unwanted product and the cleanup of spills, contact the regional office of Environmental Protection, Environment Canada.

NOTICE TO USER:

This control product is to be used only in accordance with the directions on this label. It is an offence under the Pest Control Products Act to use a control product under unsafe conditions.

NOTICE TO BUYER:

Seller's guarantee shall be limited to the terms set out on the label and subject thereto. The buyer assumes the risk to persons or property arising from the use or handling of this product and accepts the product on that condition.

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