

PRO® Superior Oil Insecticide

COMMERCIAL

EMULSIFIABLE CONCENTRATE

NET CONTENTS: 2 L (4 L) (10 L) (20 L) (205 L)

GUARANTEE:

Mineral oil

99.0%

READ THE LABEL BEFORE USING

REGISTRATION NO. 24643 PEST CONTROL PRODUCTS ACT

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DIRECTIONS FOR USE : FOR USE AS A DORMANT OR DELAYED DORMANT APPLICATION :

As this product is not registered for the control of pests in aquatic systems, **DO NOT** use to control aquatic pests. **DO NOT** contaminate irrigation or drinking water supplies or aquatic habitats by cleaning of equipment or disposal of wastes.

Mix well as directed below. The tank must be clean and equipped with agitation equipment. With agitator in motion, add required amount of water. Then, add the recommended rate of PRO® Superior Oil Insecticide. If the mixture becomes milky white, it indicates good emulsion. If the mixture does not emulsify, add household detergent and mix until the oil disappears and the solution becomes milky white. **DO NOT USE THIS MATERIAL IF IT DOES NOT EMULSIFY.** Consult your Provincial Spray Calendar for further details regarding use of spray oils. Avoid spraying during or immediately prior to hot weather (over 30⁰C), hot dry winds or rain. Do not apply just before or during freezing weather. Do not apply if frost is expected before the spray dries. Thorough coverage is essential; apply as a forceful spray. Make new spray for each use and do not store diluted spray. Dilution must be agitated constantly until used. Spray when pests are present and only as recommended below.

CROP AND INSECT	AMOUNT TO USE/HECTARE	AMOUNT TO USE/1000 LITRES	TIMING
APPLE European fruit scale European red mite Lecanium scale Oyster shell scale Red-banded leaf roller San José scale	60 L	20 L	Apply once at green tip to 1 cm green stage. NOTE: DO NOT USE PRO® Superior Oil Insecticide on Red Delicious or Empire apples. In Ontario some bark injury has occurred on Red Delicious when the trees were of low vigour. Little or no injury occurs on most other varieties of apple trees.
PEAR European fruit scale European red mite Lecanium scale Oyster shell scale Pear psylla San José scale	60 L	20 L	Apply at true dormant stage for pear psylla and scales and at green-tip for mites.

CROP AND INSECT	AMOUNT TO USE/HECTARE	AMOUNT TO USE/1000 LITRES	TIMING
PEACH Cottony peach scale European red mite San José scale	60 L	20 L	Dormant to pre-bloom. For mites apply between 1 cm green and first pink.
PLUM European red mite Lecanium scale San José scale	60 L	20 L	Green tip. Apply when leaf buds are just breaking.
SOUR CHERRY European red mite	60 L	20 L	Pre-bloom. Apply when leaf buds are just breaking.

Buffer Zones:

Uses of the following spray methods or equipment **DO NOT** require a buffer zone: handheld or backpack sprayer and spot treatment. Frequent agitation during application using a back pack sprayer or handheld sprayer is necessary to maintain milky consistency of the emulsion.

When a tank mixture is used, consult the labels of the tank-mix partners and observe the largest (most restrictive) buffer zone of the products involved in the tank mixture.

Airblast application: **DO NOT** apply during periods of dead calm. Avoid application of this product when winds are gusty. **DO NOT** direct spray above plants to be treated. Turn off outward pointing nozzles at row ends and outer rows. **DO NOT** apply when wind speed is greater than 16 km/h at the application site as measured outside of the treatment area on the upwind side.

DO NOT apply by air.

The buffer zones specified in the table below are required between the point of direct application and the closest downwind edge of sensitive freshwater habitats (such as lakes, rivers, sloughs, ponds, prairie potholes, creeks, marshes, streams, reservoirs and wetlands) and estuarine/marine habitats.

Method of application	Crop	Buffer Zones (metres) Required for the Protection of:			
		Freshwater Habitat of Depths:		Estuaries/Marine Habitats of Depths:	
		Less than 1 m	Greater than 1 m	Less than 1 m	Greater than 1 m
Airblast	Pome fruit and stone fruit	20	10	3	1

ENVIRONMENTAL HAZARDS: TOXIC to aquatic organisms: Observe buffer zones specified under **DIRECTIONS FOR USE**. To reduce runoff from treated areas into aquatic habitats avoid application to areas with a moderate to steep slope, compacted soil, or clay. Avoid application when heavy rain is forecast. Contamination of aquatic areas as a result of runoff may be reduced by including a vegetative strip between the treated area and the edge of the water body.

PRECAUTIONS : KEEP OUT OF REACH OF CHILDREN. Wear a long-sleeved shirt, long pants, and shoes and socks during mixing, loading, application, clean-up and repair. **DO NOT** enter or allow others to enter treated areas during the restricted-entry interval (REI) of 12 hours.

Avoid inhalation of spray mist. Do not apply or allow spray to drift to areas occupied by unprotected humans or beneficial animals. Do not store with or contaminate feed or foodstuffs. Do not contaminate streams, lakes, ponds, irrigation water, or water used for livestock or domestic purposes. **THIS PRODUCT CONTAINS PETROLEUM DISTILLATES.** Keep away from fire, open flame, lighted electric bulbs and other sources of heat. Keep in original container during storage.

FIRST AID :

If in eyes, hold eye open and rinse slowly and gently with water for 15–20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control centre or doctor for treatment advice. **If on skin or clothing,** take off contaminated clothing. Rinse skin immediately with plenty of water for 15–20 minutes. Call a poison control centre or doctor for treatment advice. **If swallowed,** call a poison control centre or doctor immediately for treatment advice. Do not induce vomiting unless told to do so by a poison control centre or doctor. Do not give **any** liquid to the person. Do not give anything by mouth to an unconscious person. **If inhaled,** move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. Call a poison control centre or doctor for further treatment advice. Take container, label or product name and Pest Control Product Registration Number with you when seeking medical attention.

TOXICOLOGICAL INFORMATION: This product contains petroleum distillates. Vomiting may cause aspiration pneumonia. Treat symptomatically.

DISPOSAL : Triple- or pressure-rinse the empty container. Add the rinsings to the spray mixture in the tank. Follow provincial instruction for any required additional cleaning of the container prior to its disposal. Make the empty container unsuitable for further use. Dispose of the container in accordance with provincial requirements. For information on disposal of unused, unwanted product, contact the manufacture or the provincial regulatory agency. Contact the manufacturer and the provincial regulatory agency in case of a spill, and for clean-up of spills.

NOTICE TO USER : This pest control product is to be used only in accordance with the directions on the label. It is an offence under the *Pest Control Products Act* to use this product in a way that is inconsistent with the directions on the label. The user assumes the risk to persons or property that arises from any such use of this product.

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