

2020-12-15  
2019-0617

## Klenze 11 Insecticide

Water-based insecticide for food and ornamental crops

To control listed pests on fruits, vegetables and ornamentals grown outdoors  
Non-staining - Low odour

DOMESTIC

SOLUTION

READ THE LABEL BEFORE USING  
KEEP OUT OF THE REACH OF CHILDREN

ACTIVE INGREDIENT: Permethrin...0.5%

REG. NO. 33980 P.C.P. ACT

NET CONTENTS: 250 mL to 1 L

Eco-Cop Inc.  
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## DIRECTIONS FOR USE

### RESTRICTIONS:

- DO NOT apply undiluted.
- DO NOT apply to any body of water.
- Avoid application of this product when winds are gusty.
- DO NOT contaminate food/feed.
- DO NOT apply to surfaces that may come into contact with food/feed.
- DO NOT apply when people, pets or livestock are present, nor allow people, pets or livestock to enter treated areas until sprays have dried.
- DO NOT allow spray to drip or allow drift onto non-target surfaces.
- DO NOT apply to people, pets, livestock or sources of electricity.
- DO NOT contaminate irrigation or drinking water supplies or aquatic habitats by cleaning of equipment or disposal of wastes.

### FOR CONTROL OF LISTED INSECTS ON FRUITS, VEGETABLES, ORNAMENTALS

SHAKE WELL BEFORE USING. Klenze 11 Insecticide is to be mixed with water and applied at the rates listed below. Spray for thorough coverage of upper and lower leaf surfaces or treated area. Apply when insects or damage first appears. This product has no conspicuous odour. Water, not petroleum distillates is used as the diluent.

Do not use when air temperature is less than 12° C or greater than 30° C.

Use above 30° C could reduce the effectiveness of permethrin active ingredient.

For ease of mixing, 5 mL = 1 teaspoon; 15 mL = 1 tablespoon

### FRUIT CROPS

| CROP  | INSECT   | RATE<br>per 1 L<br>Water | COMMENTS  |
|-------|--|--------------------------|---|
| Apple | Eastern tent caterpillar,<br>white apple leafhopper,<br>plum curculio,<br>eye spotted bud moth   | 25 mL                    | Apply once per year.<br>Do not apply within 7 days of harvest.  |
|       | Apple maggot,<br>lesser appleworm,<br>codling moth,<br>tentiform leafminer,<br>leafrollers,<br>tarnished plant bug,<br>mullein plant bug | 50 mL                    |   |
| Grape | Grape berry moth   | 37 mL                    | Do not apply more than 4 times per year.<br>Observe a retreatment interval of 7 days.<br>Do not apply within 21 days of harvest |
|       | grape leafhopper   | 18.5 mL                  |   |

|                                    |  |       |  |
|------------------------------------|--|-------|--|
| Plums                              | Plum curculio  | 50 mL | Do not apply more than twice per year.<br>Observe a retreatment interval of 14 days.<br>Do not apply within 7 days of harvest. |
| Peaches,<br>Nectarines             | Oriental fruit moth,<br>plum curculio,<br>plant bugs                   | 50 mL | Do not apply more than twice per year.<br>Observe a retreatment interval of 14 days.<br>Do not apply within 7 days of harvest. |
| Pears<br>Eastern<br>Canada<br>only | Pear Psylla (nymphs &<br>adults),<br>Codling Moth,<br>Green Fruit Worm | 50 mL | Do not apply more than twice per year.<br>Observe a retreatment interval of 7 days.<br>Do not apply within 7 days of harvest.  |

NOTE: Repeated applications are not advised in orchards where Integrated Pest Management is in effect. Severe reductions of beneficial insects may result.

## VEGETABLE CROPS

| CROP   | INSECT PEST  | RATE<br>per 1 L<br>Water | COMMENTS  |
|--|--|--------------------------|---|
| Cabbage,<br>cauliflower,<br>brussels sprouts | Imported cabbage worm,<br>cabbage looper,<br>crucifer flea beetle,<br>diamond back moth<br>larvae  | 12.5 ml                  | Do not apply more than 4 times per year.<br>Observe a retreatment interval of 7 days.<br>Do not apply within 3 days of harvest.   |
| Broccoli                                     |  |                          | Do not apply more than 4 times per year.<br>Observe a retreatment interval of 7 days.<br>Do not apply within 7 days of harvest.   |
| Sweet Corn                                   | European corn borer  | 25 mL                    | Do not apply more than 4 times per year.<br>Apply before tassels show.<br>Treat at 5-day intervals until early silk stage.<br>Do not apply within 1 days of harvest.  |
|  | Corn earworm   | 25 mL                    | Do not apply more than 4 times per year.<br>When 25% of ears show silk, start spraying<br>and fully cover ears and silks.<br>Make three more treatments at 4-day intervals<br>(3-day intervals in hot weather).<br>Do not apply within 1 days of harvest. |
|  | Corn sap beetle  | 25 mL                    | Do not apply more than 4 times per year.<br>Apply when pink spotted beetles first appear.<br>Observe a retreatment interval of 3 days.<br>Do not apply within 1 day of harvest.   |
| Potatoes,<br>tomatoes                        | Colorado potato beetle,<br>potato flea beetle,<br>leafhopper,<br>white fly,<br>tarnished plant bug | 18.5 mL                  | Do not apply more than 4 times per year.<br>Observe a retreatment interval of 7 days.<br>Do not apply within 1 day of harvest.  |

|                           |           |         |  |
|---------------------------|-----------|---------|--|
| Tomatoes<br>(Green house) | White Fly | 18.5 mL | Do not apply more than 6 times per year.<br>Observe a retreatment interval of 10 days.<br>Do not apply within 1 day of harvest |
|---------------------------|-----------|---------|--|

#### ORNAMENTAL TREES AND SHRUBS

| CROP  | INSECT  | RATE per<br>1 L Water | COMMENTS  |
|---|---|-----------------------|---|
| DECIDUOUS<br>(leafy) varieties:   | Eastern and forest tent caterpillar,<br>gypsy moth,<br>open feeding aphids,<br>fall and euonymus webworm  | 17.5 mL               | Apply at first sign of feeding.<br>Repeat once if reinfestation occurs. |
| CONIFEROUS<br>(needle) varieties:   | spruce budworm,<br>Douglas fir tussock moth,<br>white marked tussock moth,<br>spruce coneworm,<br>yellow-headed spruce sawfly,<br>open feeding sawflies | 12.5 mL               |   |
| NOTE: Test all tree and shrub species for phytotoxicity prior to application of Klenze 11 Insecticide. Spray an inconspicuous part of the tree or shrub. Wait 24 hours to see if any adverse effect occurs. |   |                       |   |

#### ENVIRONMENTAL PRECAUTIONS:

Toxic to aquatic organisms, birds, bees and beneficial insects. This product is very toxic to bees; avoid spraying when bees are foraging. Spray deposit should be dry before bees commence foraging in treated crop. To minimize possible contamination of groundwater, the use of spot treatment applications is recommended in areas where soils are permeable (e.g., sandy soil) and/or the depth to the water table is shallow. 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 THE REACH OF CHILDREN.** Avoid splashing concentrate in eyes or on hands. Do not inhale spray mist. Wash thoroughly before eating, drinking and smoking.

#### 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 ingested, call a poison control centre or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control centre or doctor. Do not give anything by mouth to an unconscious person.

Take container, label or product name and Pest Control Product Registration Number with you, when seeking medical attention.

**STORAGE:**

Keep product in original container. Store in a cool, dry place away from food. Do not freeze.

**DISPOSAL:**

Do not re-use empty container. Wrap empty container and dispose in household garbage.

**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.