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Principal Display Panel:

BIO-ENVIRONMENTAL PERMETHRIN

WATER BASED INSECTICIDE

FOR FOOD AND ORNAMENTAL CROPS

To control listed insect pests on fruits, vegetables and ornamentals grown outdoors

Non Staining - Low Odour

DOMESTIC

READ THE LABEL AND PAMPHLET BEFORE USING

ACTIVE INGREDIENT: PERMETHRIN 0.5%

REG. NO. 22804 P.C.P. ACT

250mL, 500mL, 700mL, 750mL, 900mL

Registrant: Jesmond Holding AG, Baarerstrasse 8, Zug 6300 Switzerland

Agent : Nortek Inc., 4 Sulkara Court, Toronto ON, M4A 2G9

Secondary Display Panel:

DIRECTIONS FOR USE:Mix with water 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. Bug Kill has no conspicuous odour. Water, not petroleum distillates is used as the diluent. **SHAKE WELL BEFORE USING.**

NOTE: 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.

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 apply to any body of water.

DO NOT contaminate irrigation or drinking water supplies or aquatic habitats by cleaning of equipment

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or disposal of wastes.

5 mL = 1 teaspoon 15 mL = 1 tablespoon

EDIBLE PLANT PESTS:

FRUIT:

SITES	INSECT	Rate per 1 L water	COMMENTS	Maximum Number of Applications Per Year; re-treatment interval (RTI) and pre-harvest interval (PHI)
Apple	Eastern tent caterpillar, white apple leafhopper, plum curculio, eye spotted bud moth	25 mL	Do not apply within 7 days of harvest	1; n/a; 7 days (PHI)
	apple maggot, lesser appleworm, codling moth, tentiform leafminer leafrollers, tarnished plant bug, mullein plant bug	50 mL	Do not apply within 7 days of harvest	1; n/a; 7 days (PHI)
Grape	grape berry moth,	37 mL	Do not apply within 21 days of harvest	4; 7 days (RTI); 21 days (PHI)
	grape leafhopper	18.5 mL		4; 7 days (RTI); 21 days (PHI)
Plums	Plum curculio	50 mL	Do not apply within 7 days of harvest	2; 14 days (RTI); 7 days (PHI)
Peaches, Nectarines	oriental fruit moth, plum curculio, plant bugs	50 mL	Do not apply within 7 days of harvest	2; 14 days (RTI); 7 days (PHI)
Pears: Eastern Canada	Pear Psylla (nymphs & adults), Codling Moth, Green Fruit Worm	50 mL	Do not apply within 7 days of harvest	2; 7 days (RTI); 7 days (PHI)

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

VEGETABLES:

SITES	INSECT	Rate per 1 L water	COMMENTS	Maximum Number of Applications Per Year; re-treatment interval (RTI) and pre-harvest interval (PHI)
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Cabbage, cauliflower, broccoli, brussel sprouts	imported cabbage worm, cabbage looper, crucifer flea beetle, diamond back moth larvae	12.5 ml	Do not apply to cabbage, cauliflower & brussel sprouts within 3 days of harvest. broccoli: within 7 days of harvest	4; 7 days (RTI); 3 days (PHI) for cabbage, cauliflower and Brussel sprouts, 7 days (PHI) for broccoli
Sweet Corn	European corn borer	25 mL	Apply before tassels show. Treat at 5 day intervals until early silk stage	4; 3 days (RTI); 1 day (PHI)
	corn earworm	25 mL	When 25% of ears show silk, start spraying and fully cover ears and silks. Make three more treatments at 4 day intervals. (3 day intervals in hot weather)	4; 3 days (RTI); 1 day (PHI)
	corn sap beetle	25 mL	Apply when pink spotted beetles first appear. Do not apply within 1 day of harvest.	4; 3 days (RTI); 1 day (PHI)
Tomatoes (Green house)	White Fly	18.5 mL	Do not apply within 1 day of harvest	6; 10 days (RTI); 1 day (PHI)
Potatoes, Tomatoes	colorado potato beetle, potato flea beetle, leafhopper, white fly, tarnished plant bug	18.5 mL	Do not apply within 1 day of harvest	4; 7 days (RTI); 1 day (PHI)

ORNAMENTALS: TREES AND SHRUBS -

SITES	INSECT	Rate per 1 L water	COMMENTS	Maximum Number of Applications Per Year; re-treatment interval (RTI) and pre-harvest interval (PHI)
DECIDUOUS (leafy) varieties:	eastern and forest tent caterpillar, gypsy moth, open feeding aphids, fall and euonymus webworm	17.5 mL	Apply at first sign of feeding. Repeat once if reinfestation occurs	2; n/a; n/a
CONIFEROUS (needle) varieties:	spruce budworm, Douglas fir tussock moth, white marked tussock moth, spruce coneworm, yellow-headed spruce sawfly, open feeding sawflies	12.5 mL	Apply at first sign of damage. Repeat once if reinfestation occurs	2; n/a; n/a

Test all tree and shrub species for phytotoxicity prior to application of Permethrin. 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.

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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.