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2009-3597

GROUP	3	INSECTICIDE
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PRO® P-100(TM) MUSHROOM HOUSE INSECTICIDE

AGRICULTURAL

GUARANTEE: Pyrethrins 1%

REGISTRATION NO. 10923 PEST CONTROL PRODUCTS ACT

READ THE LABEL BEFORE USING

KEEP OUT OF REACH OF CHILDREN

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Agrium Advanced Technologies RP Inc.
10 Craig Street
Brantford, ON
N3R 7J1

A concentrated insecticide formulated for use in electric fog generators or thermal foggers as a space and contact spray for the control of cecid, phorid and sciarid flies in mushroom houses.

PREPARATION FOR APPLICATION: Close doors, windows and ventilators, and turn off misting systems. Post warning signs and take precautions to prevent humans and animals from entering area to be treated.

DIRECTIONS: Apply insecticide at the rate of 50 mL to 100 m³ of space. The insecticide should be applied undiluted using a thermal fogger or mechanical (electric) fog generator, which will produce small dry particles. Large, wet droplets may cause brown spotting and deformity of mushroom caps. Follow the fogger manufacturer's instructions in order to achieve the desired "dry" fog.

During fog application, keep the fogger nozzle at least 3 m away from the mushroom beds.

Close the treated area for at least one hour, and ventilate thoroughly for one hour before entering treated area.

Use PRO®-100(TM) Mushroom House Insecticide at least twice weekly during spawn run to prevent fly build up, then use as required to maintain control. Do not apply within 1 day of harvest.

As an alternative, we recommend the use of DDVP (Dichlorvos) Insecticides for mushroom house fly control, in conjunction with this 1% pyrethrum insecticide.

Resistance-Management Recommendations

For resistance-management, please note that PRO®-P-100(TM) Mushroom House Insecticide contains a Group 3 insecticide. Any insect population may contain individuals naturally resistant to PRO® P-100(TM) Mushroom House Insecticide and other Group 3 insecticides. The resistant individuals may dominate the insect population if this group of insecticides are used repeatedly in the same fields. Other resistance mechanisms that are not linked to site of action but are specific for individual chemicals, such as enhanced metabolism, may also exist. Appropriate resistance-management strategies should be followed.

To delay resistance:

- Where possible, rotate the use of PRO®-P-100(TM) Mushroom House Insecticide or other Group 3 insecticides with different groups that control the same pests in a field.
- Use tank mixtures with insecticides/acaricides from a different group when such use is permitted.
- Insecticide/acaricide use should be based on an IPM program that includes scouting, record keeping, and considers cultural, biological and other chemical control practices.
- Monitor treated pest populations for resistance development.
- Contact your local extension specialist or certified crop advisors for any additional pesticide resistance-management and/or IPM recommendations for the specific site and pest problems in your area.
- For further information or to report suspected resistance contact company representatives at 1-800-461-6471 or at www.nu-gro.com.

PRECAUTIONS: KEEP OUT OF REACH OF CHILDREN. Harmful if swallowed. Avoid contact with skin, and avoid inhalation of fog or spray. Do not contaminate any body of water. Keep container closed and store away from heat sources. Prior to fogging, all possible sources of ignition should be extinguished in the area to be treated. If this pest control product is to be used on a commodity that may be exported to the U.S. and you require information on acceptable residue levels in the U.S., visit CropLife Canada's web site at: www.croplife.ca □ □

DISPOSAL AND DECONTAMINATION: Thoroughly empty container into the application device. Follow provincial instructions for any required additional cleaning of container prior to disposal. Do not reuse empty container. Destroy container by perforating or crushing and dispose of container according to provincial requirements. For information on disposal of unused, unwanted product, contact the manufacturer or the provincial regulatory agency. Contact the manufacturer and the provincial regulatory agency in case of a spill, and for clean-up of spills.

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

TOXICOLOGICAL INFORMATION: This product contains petroleum distillate. Treat symptomatically.

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 Product 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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