

2016-2327
2016-05-13

GROUP	1A	INSECTICIDE
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**SEVIN® 5-D
INSECTICIDE DUST**

For the Control of Insect Pests on Farm Animals,
Field Crops, Vegetables and Fruits

AGRICULTURAL
INSECTICIDE

REGISTRATION NO. 17534 PEST CONTROL PRODUCTS ACT

GUARANTEE: Carbaryl 5%

READ THE LABEL BEFORE USING
KEEP OUT OF REACH OF CHILDREN

NET CONTENTS: *1-20kg*

PREMIER TECH BRIGHTON LTD.
1 avenue Premier
Rivière-du-Loup QC G5R 6C1
1-844-475-1262

DIRECTIONS FOR USE: In or Around Poultry Houses and Farm Buildings: For control of bed bugs, fleas, chicken mites, lice, northern fowl mite: Dust by means of shaker can, hand or power duster on litter or roost surface at rate of 6 kg per 50 m². Force into cracks and crevices. Repeat as necessary. Ventilate during treatment. **CAUTION:** Do not apply to livestock poultry or poultry nest litter within 7 days of slaughter.

On Chickens, Turkeys, Ducks, Geese and Domestic Game Birds: Apply with puff duster or shaker can at the rate of 450 g per 100 birds. Direct dust toward the neck and breast areas or toward vent and fluff areas. Repeat in 4 to 8 weeks as necessary. Avoid contamination of nests, eggs, feed and water troughs. Do not treat birds with diseases, particularly respiratory, as irritation may result. Do not apply within 7 days of slaughter.

On Beef Cattle, Horses, Goats and Sheep (Non-lactating): For control of flies, lice and winter ticks: Dust thoroughly over entire animal, avoiding eyes and mouth, and rub thoroughly into the skin. Apply at the rate of 450 g of dust per head. Repeat as necessary, but no more than twice weekly. For lice, repeat at intervals of 14 to 18 days.

Hogs: To control fleas and lice, apply thoroughly to entire animal at the rate of 224–450 g per head. Repeat as necessary, but no more than twice weekly. For lice, repeat at intervals of 14 to 18 days. Do not apply within 7 days of slaughter. Avoid contamination of feed and water troughs.

On Dairy Cattle: For control of fleas, horn fly, lice and winter ticks: Apply carefully along topline, sides and legs at rate of 450 g per head. Avoid direct application to underline or udder. Do not apply before milking. Repeat as necessary, but no more than twice weekly. Wash udder thoroughly before milking. Do not contaminate milking utensils. Do not apply within 7 days of slaughter. Do not exceed above dosage.

<u>CROP</u>	<u>INSECT PEST</u>	<u>RATE DUST/HECTARE</u>	<u>DIRECTIONS DO NOT APPLY BY AIR</u>
Asparagus – spears, seedlings	Asparagus Beetle	22–55 kg	On spears. Pre-harvest interval: 1 day. Use lower rates on young plants.
Ferns		55–110 kg	On ferns repeat at 7- to 10-day intervals. Do not apply more than once in 3 days.
Beans*	Mexican Bean Beetle	30 kg	Apply when insects or damage appear. Repeat every 7–10 days or as necessary. Pre-harvest interval: 3 days.
	Leafhoppers, Flea Beetles	40 kg	
	Lygus Bugs, Stink Bugs	45–55 kg	
Corn (field and sweet)	Corn Earworm, European Corn Borer, Fall Armyworm, Northern Corn Rootworm (Adult)	22–35 kg	Corn Earworm: direct dust at ear zone. Apply at 2- to 4-day intervals starting when 25% of silks begin to show. Shorter intervals are better for heavy infestations and during hot weather. European Corn Borer: apply 4 times at 5- to 7-day intervals starting when egg masses appear. Pre-harvest interval: 1 day

<u>CROP</u>	<u>INSECT PEST</u>	<u>RATE</u> <u>DUST/HECTARE</u>	<u>DIRECTIONS</u>
Cucumbers*, Squash*, Melons*, Pumpkins*	Cucumber Beetles, Squash Bug, Flea Beetles, Leafhoppers	30–45 kg	Some leaf injury may occur if treated when leaves are tender or wet or in presence of humidity. Pre-harvest interval: 3 days
Potatoes, Tomatoes	Colorado Potato Beetle, Tomato Fruitworm, Fall Armyworm, Tomato Hornworm, European Corn Borer	22–45 kg	Pre-harvest interval: Potato – 7 days Tomato – 1 day
	Potato Flea Beetles, Leafhoppers	22 kg	
	Tarnished Plant Bugs, Stink Bugs	45–55 kg	
Lettuce*, Carrots*, Cabbage*, Cauliflower*, Broccoli*, Brussels Sprouts*, Kohlrabi	Flea Beetles, Leafhoppers, SixSpotted Leafhopper on Carrots (astor yellows vector), Corn Earworm, Imported Cabbageworm, Cabbage Looper, Armyworm, Meadow Spittlebug, Lygus Bug, Stink Bug	35–45 kg	For best control of Cabbage Lopper after heads begin to form, use in 5- to 7-day schedule. Some leaf injury may occur when wet or high humidity. Pre-harvest intervals: Carrots – 1 day Broccoli, Brussels Sprouts, Cabbage –3 days Cauliflower, Head Lettuce, Kohlrabi –3 days
Tobacco – field	Flea Beetles, Hornworms	30–35 kg	Full coverage of plants is essential. Begin treatments when larvae are small. Repeat as needed. Avoid excessive applications.
Tobacco greenhouse – in plant beds	Tobacco Flea Beetle	2.2 kg/100 m ²	For late applications allow 3 days before priming or cutting.
Blueberries	Blueberry Maggot, Cherry & Cranberry Fruitworms, Lecanium Scale	45 kg	Apply 3 weeks before harvest and repeat 10 days later if necessary. Pre-harvest interval: 1 day
Cranberries	Cranberry Fruitworm, Fireworms, Climbing Cutworm, Blunt nosed Cranberry Leafhopper	75–85 kg	Apply in late bloom as needed at 7- to 10-day intervals. Pre-harvest interval: 1 day
Strawberries	Meadow Spittlebug, Strawberry Leafroller	35–55 kg	Pre-harvest interval: 1 day
Blackberries, Boysenberries, Dewberries, Loganberries, Raspberries	Leafrollers, Leafhoppers, Spotted Winged Raspberry Aphid, Blackberry Leafminer, Rose Stem Girdler, Japanese Beetle	55–110 kg	Pre-harvest interval: 7 days

*When label directions for use are followed, forage may be fed to meat and dairy animals.

RESISTANCE-MANAGEMENT RECOMMENDATIONS: For resistance management, please note that Sevin® 5-D Insecticide Dust contains a Group 1A insecticide. Any insect population may contain individuals naturally resistant to Sevin® 5-D Insecticide Dust and other Group 1A 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 insecticide resistance:

- Where possible, rotate the use of Sevin® 5-D Insecticide Dust or other Group 1A insecticides with different groups that control the same pests in a field.
- Avoid application of more than the maximum number listed on the label and consecutive sprays of Sevin® 5-D Insecticide Dust or other insecticides in the same group in a session.
- Use tank mixtures with insecticides from a different group when such use is permitted.
- Insecticide 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.

PRECAUTIONS: KEEP OUT OF REACH OF CHILDREN AND DOMESTIC ANIMALS. Harmful if inhaled or swallowed. Wear a suitable dust mask to avoid inhalation of dust. Do not take internally. Avoid unnecessary skin contact. Wash hands before eating. Shower or bathe after application. Wear regular long-sleeved work clothing. Arrange to have clothing cleaned daily. Avoid contamination of feed, foodstuffs, troughs and watering receptacles.

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., please visit www.cropro.org.

TOXIC TO BEES: Do not use when bees are foraging.

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

TOXICOLOGICAL INFORMATION: Carbaryl is a moderate, reversible cholinesterase inhibitor. Atropine is antidotal.

DISPOSAL: Empty the container thoroughly. 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 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.

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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