

PM 04
10163-243
02-10-99

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PROKIL CRYOLITE 50 DUST

ACTIVE INGREDIENT:

Cryolite: Sodium aluminofluoride.....

% by Wt.

50.0%

OTHER INGREDIENTS.....

50.0%

Total 100.0%

KEEP OUT OF REACH OF CHILDREN CAUTION

STATEMENT OF PRACTICAL TREATMENT

IF ON SKIN: Wash with soap and water.

IF IN EYES: Flush eyes with plenty of clear water for at least 15 minutes.

FOR EMERGENCY MEDICAL RESPONSE AND HAZARD COMMUNICATION ONLY, CALL HAZARD INFORMATION SERVICES AT 1(800) 228-5635 EXT. 283.

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS CAUTION

Harmful if swallowed, absorbed through skin, or inhaled. Causes moderate eye irritation. Avoid contact with skin, eyes, or clothing. Avoid breathing dust.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Waterproof gloves
- Shoes plus socks

Follow manufacturer's instructions for cleaning and maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

USER SAFETY RECOMMENDATIONS

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.
- Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

ENVIRONMENTAL HAZARDS

For terrestrial uses, do not apply directly to water, to areas where surface water is present, or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment wash water or rinsate.

DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application.

For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and the Worker Protection Standard, 40 CFR Part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE) and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted-entry interval (REI) of 12 hours.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water is:

- Coveralls
- Waterproof gloves
- Shoes plus socks

NON-AGRICULTURAL USE REQUIREMENTS

The requirements in this box apply to uses of this product that are NOT within the scope of the Worker Protection Standard (WPS) for agricultural pesticides (40 CFR Part 170). The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries, or greenhouses.

Do not enter or allow others to enter the treated area until sprays have dried.

NET CONTENTS _____ LBS.

EPA Reg. No. 10163-xxx
EPA Est. No. 67545-AZ-1



ACCEPTED
FEB 10 1999

Gowan Company
P.O. Box 5569
Yuma, AZ 85366

10163-243

SPRAY DRIFT LABELING

Avoiding spray drift at the application site is the responsibility of the applicator. The interaction of many equipment-and-weather-related factors determine the potential for spray drift. The applicator and the grower are responsible for considering all these factors when making decisions.

minimize plant damage, make thorough coverage applications at first indication of insect pressure or as recommended by state and local specialists. Use the higher rate for severe insect infestations.

GENERAL USE DIRECTIONS AND PRECAUTIONS

READ entire label. Use strictly in accordance with cautions and directions and with applicable State and Federal regulations. Uses, timing, and dosage may vary as a consequence of local weather and conditions. We recommend reference to State Agricultural Extension Service concerning specific uses.

Remove undesirable visible residues on edible portions of fruits and vegetables by washing, brushing, field trimming, or other effective means.

COMPATIBILITY

Prokil Cryolite 50 Dust is compatible with most commonly used fungicides and insecticides. Cryolite should not be used in combination with lime or compounds containing free lime.

This product is formulated for application by ground or air equipment.

PREHARVEST INTERVAL

The required days between the last application and harvest are given in () after each crop name.

Cryolite is a stomach poison. Sufficient amounts of treated plant material must be ingested by insects in order to achieve control. To

VEGETABLE AND FRUIT CROPS

CROP	PEST	LBS./ACRE	COMMENTS
BROCCOLI (7), BRUSSELS SPROUTS (7), CAULIFLOWER (7)	Cabbage Looper, Cutworm, <i>Diabrotica</i> Beetle (including Cucumber Beetle), Diamondback Moth, Flea Beetle, Imported Cabbageworm, Yellowstriped Armyworm • Do not apply more than 184 lbs. per acre per season.	15-30 ½	Apply as needed with a minimum of 7 days between applications.
CABBAGE (14)	Cabbage Looper, Cutworm, <i>Diabrotica</i> Beetle (including Cucumber Beetle) Diamondback Moth, Flea Beetle, Imported Cabbageworm, Yellowstriped Armyworm • Do not apply more than 245 lbs. per acre per season.	15-30 ½	Apply as needed with a minimum of 7 days between applications.
CITRUS (15)	Fuller Rose Beetle	19-57 ½	Apply as needed with a minimum of 30 days between applications.
	Amorbia (Western Avocado Leafroller), Citrus Cutworm, Fruittree Leafroller, Garden Tortrix, Grasshopper, Halcoera, Katydid, Orangedog, Variegated Cutworm, Orange Tortrix • Do not apply more than 172 lbs. per acre per season.	23-57 ½	
COLLARDS (14)	Cabbage Looper, Cutworm, <i>Diabrotica</i> Beetle (including Cucumber Beetles), Diamondback Moth Caterpillar, Flea Beetle, Imported Cabbageworm, Yellowstriped Armyworm • Do not apply more than 184 lbs. per acre per season.	15-30 ½	Apply as needed with a minimum of 10 days between applications.
CRANBERRIES (30)	Black Vine Weevil, Strawberry Root Weevil, Cranberry Weevil, Gypsy Moth, False Armyworm, Sparganothis Fruitworm, Cranberry Fruitworm, Cutworm, Sparworm, Fireworm, Cranberry Tipworm • Do not apply more than 69 lbs. per acre per year.	19-23	Apply at first sign of pest pressure with a minimum of 30 days between applications.
EGGPLANT (14)	Amyworm, Blister Beetle, Cabbage Looper, Flea Beetle, Fruitworm, Hornworm, Tomato Pinworm, Colorado Potato Beetle • Do not apply more than 122 lbs. per acre per season.	15-30 ½	Apply as needed with a minimum of 7 days between applications.

CROP	PEST	LBS./ACRE	COMMENTS
GRAPES (Raisins and/or Table-Fresh Market) (30)	Grape Leafroller, Orange Tortrix, Grapeleaf Skeletonizer	9 1/2-15	Apply as needed but allow 14 days between applications. Ground application is preferred. Application to grapes made at temperatures exceeding 85° may cause marginal leaf burn. On table grapes, physical residues may be visible at harvest when application is made on maturing fruit, especially on the darker varieties. Multiple Early Season Applications: Make 2 or 3 applications. Ground application is preferred. A total of 7 1/2 - 12 1/2 lbs. per acre must be applied prior to fruit formation to achieve control. There is no restriction for the retreatment interval for early season applications made prior to fruit formation. After fruit formation, allow 14 days between the last early season application and the following retreatment and any subsequent applications.
	Omnivorous Leafroller, Yellowstriped Armyworm	11 1/2-19	
	Grape Berry Moth, Raisin Moth	19	
	Flea Beetle, Cutworm	7 1/2-19	
	Grape Leafroller, Grapeleaf Skeletonizer, Omnivorous Leafroller, Orange Tortrix	5 1/2-9 1/2	
<ul style="list-style-type: none"> Do not apply more than 38 1/2 lbs. per acre per season for preharvest crop use. 			
GRAPES (Wine)	Grape Leafroller, Grapeleaf Skeletonizer, Omnivorous Leafroller, Orange Tortrix	11 1/2	Do not apply after full bloom on grapes that will be used for wine in the European export market. If pest conditions warrant a different use and grapes will not be used for European export, follow the directions described in the Raisin and/or Table-Fresh Market section of the label above. Obtain permission from the winery before doing so.
GRAPEVINES (postharvest)	Grape Leaf Skeletonizer, Grape Leafroller, Hornworm, Orange Tortrix	9 1/2-15	Apply after fruit or raisins have been removed from the vineyard. Apply post harvest as needed but prior to fall leafdrop and while insects are actively feeding.
<ul style="list-style-type: none"> Do not apply more than 15 lbs. per acre per season for postharvest use. 			
KIWIFRUIT (30) (California only)	Omnivorous Leafroller	19	Apply as needed with a minimum of 15 days between applications. Apply with ground equipment only.
<ul style="list-style-type: none"> Do not apply more than 76 1/2 lbs. per acre per season. 			
LETTUCE (Leaf and Head) (14)	Armyworm, Cabbage Looper	15-38 1/2	Apply as needed with a minimum of 7 days between applications.
<ul style="list-style-type: none"> Do not apply more than 307 lbs. per acre per season. 			
MELONS (14)	Cabbage Looper, Diabrotica Beetle (including Cucumber Beetle), Flea Beetle, Melonworm, Pickleworm, Colorado Potato Beetle	15-30 1/2	Apply as needed with a minimum of 7 days between applications.
<ul style="list-style-type: none"> Do not apply more than 153 pounds per acre per season. 			
PEACHES (Freestone and Cling)	Peach Twig Borer	11 1/2-15	For control of peach twig borer emerging from hibernacula, make a minimum of 2 applications. Time the first application to the early peach twig borer emergence, followed by a second application within 10-14 days of the first. Thorough coverage is required for control. Prior to petal fall, make applications at 10-14 day intervals. For applications made after petal fall, allow 40 days between applications.
<ul style="list-style-type: none"> Do not apply to freestone peaches after petal fall. Do not apply more than 46 lbs. per acre per season. 			
PEACHES (Cling only) (45)	Cutworm, Green Fruitworm, Omnivorous Leafroller	11 1/2-23	Thorough coverage is required for control. Prior to petal fall make applications at 10-14 day intervals. For applications made after petal fall, allow 40 days between applications.
<ul style="list-style-type: none"> Do not apply more than 46 lbs. per acre per season. 			
PEPPERS (14)	Armyworm, Blister Beetle, Cabbage Looper, Colorado Potato Beetle, Flea Beetle, Hornworm, Pepper Weevil	15-23	Apply as needed with a minimum of 7 days between applications.
<ul style="list-style-type: none"> Do not apply more than 46 lbs. per acre per season. 			
POTATOES (0)	Colorado Potato Beetle	19-23	Apply as needed with a minimum of 7 days between applications. Application to exposed tubers may result in excess residues.
<ul style="list-style-type: none"> Do not apply more than 184 lbs. per acre per season. 			
SQUASH (INCLUDING PUMPKINS, SUMMER, AND WINTER SQUASH) (See Text for PHI)	Cabbage Looper, Diabrotica Beetle (including Cucumber Beetle), Flea Beetle, Melonworm, Pickleworm, Colorado Potato Beetle	15-30 1/2	Apply as needed with a minimum of 7 days between applications.
<ul style="list-style-type: none"> Do not apply more than 153 pounds per acre per season. Do not apply within 14 days of harvest for pumpkins and winter squash nor within 7 days of harvest for summer squash. 			

CROP	PEST	LBS / ACRE	COMMENTS
TOMATOES (14)	Armyworm, Blister Beetle, Cabbage Looper, Colorado Potato Beetle, Flea Beetle, Hornworm, Tomato Pinworm	15-30 1/4	Apply as needed with a minimum of 7 days between applications.
• Do not apply more than 122 lbs. per acre per season.			

OTHER USES

CROP	PEST	LBS / ACRE	COMMENTS
ORNAMENTAL PLANTS & NONBEARING TREES AND VINES (Field grown and Nurseries) MATURE ORNAMENTAL PLANTINGS	Black Vine Weevil, Codling Moth, <i>Diabrotica</i> Beetle (including Cucumber Beetle), Flea Weevil, Fuller Rose Beetle, Gypsy Moth, Katydid, Peach Twig Borer, Plum Curculio	15-46	Apply when insects or their damage occur. Thoroughly dust all parts of the affected plants. For heavy infestations, use the higher rate. Repeat application as necessary to maintain insect control. Before treating a large number of ornamental plants with Prokil Cryolite 50 Dust alone or in combination with any other material, make a test application on a few plants and observe for 7 - 10 days prior to treating large areas to reduce the possibility of plant injury. For applications on mature ornamental plantings in parks, residential and recreational areas, along thoroughfares, and other localized areas where infestations occur, make applications during a cool calm period, preferably in early morning or evening.

STORAGE AND DISPOSAL

DO NOT contaminate water, food or feed by storage or disposal.
PESTICIDE DISPOSAL: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.
CONTAINER DISPOSAL: Completely empty bag into application equipment. Then dispose of empty bag in a sanitary landfill or by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

FOR 24-HOUR EMERGENCY ASSISTANCE (SPILL, LEAK OR FIRE), CALL CHEMTREC® (800) 424-9300.

For other product information, contact Gowan Company or see Material Safety Data Sheet.

NOTICE ON CONDITIONS OF SALE

Our recommendations for use of this product are based upon tests believed to be reliable. The use of this product being beyond the control of the manufacturer, no guarantee, expressed or implied, is made as to the effects of such or the results to be obtained if not used in accordance with directions or established safe practice. The buyer must assume all responsibility, including injury or damage, resulting from its misuse as such, or in combination with other materials.

Cryolite 50 Dust (submitted to EPA 11-98).doc