DATE: 12/14/09

COMPANY: SEPRO

LABELS/OD: 11' O.D.

ATTENTION: AMY DUGGER-RONYAK

UPC: NONE

DESCRIPTION: TALUS 70 DF 3 LB BOOKLET

FINISH: VARNISH

SPC-35753001

STOCK: WHITE BOOP

ADHESIVE: PERMANENT

RLG PART #: 2412-140192

BASE SIZE: 2.5 X 3.75 BOOK SIZE: 2.5 X 4.75

ARTIST: CC

BASE SHAPE: RCR

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PROCESS BLACK

BOOK

BOOK PLACEMENT

DIELINE

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RLG Proof Approval

Color proofs are not true representations of color, use for color breaks only.

ENVIRONMENTAL HAZARDS

For terrestrial uses, do not apply directly to water, or to areas where surface water is present or to interstitial areas below the mean high water mark. Do not contaminate water by cleaning of equipment or disposal of equipment washwaters.

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 with 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.

AGRICULTURAL USE REQUIREMENTS (continued)

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:

- Coversalls over long-sleeved shirt and long pants;
- Waterproof gloves;
- Shoes and chemical-resistant footwear.

NONAGRICULTURAL USE REQUIREMENTS

The requirements in this box apply to uses of this product that are NOT within the scope of the Worker Protection Standard for agricultural pesticides (40 CFR Part 170). The WPS applies when this product is used to produce agricultural plants on farms, forests, or greenhouses. For other uses, including golf courses and other nonagricultural uses, do not enter treated areas without protective clothing until sprays have dried.

GENERAL INFORMATION

Talus® 70DF insect growth regulator contains the active ingredient, buprofezin. It is effective against the nymph stages of whitefly, scales, psylla, mealybugs, planthoppers, and leafhoppers by inhibiting ootheca biosynthesis, suppressing oviposition of adults, and reducing viability of eggs. Treated susceptible pests may remain alive on the plant for 3 - 7 days, but feeding damage during this time is typically very low. Talus 70DF is not disruptive to beneficial insects and mites.
Good coverage is essential. Apply by ground or air in sufficient water volume. Orient nozzles to assure good coverage. Use of higher volume of water will assure better coverage, especially under adverse conditions such as hot, dry weather, and/or a dense canopy. The entire field should be treated. Apply when economic infestations occur based on local information.

Talus 70DF is not for sale, sale into, distribution, and use in Nassau and Suffolk counties of New York State.

**INSECTS CONTROLLED**

Whiteflies: Ash whitefly; Banded wing whitefly; Greenhouse whitefly; Silverleaf whitefly; Sweet potato whitefly

Mealybugs: Citrus mealybug; Comstock mealybug; Gift's mealybug; Grape mealybug; Long-tailed mealybug; Mexican mealybug; Obscure mealybug; Striped mealybug; Vine mealybug

Leafhoppers and Planthoppers: Brown planthopper, Cherry leafhopper; Eastern grape leafhopper; Glassy-winged sharpshooter; Potato leafhopper; Variegated leafhopper; Western grape leafhopper; White-apple leafhopper

**Pear Psylla**

Scale: Soft scales: Bark scale; Black scale; Brown soft scale; Citrus scale; Fats scale; Hemispherical scale; Indian wax scale and other wax scales; Tessellated scale; White peach scale

**Armored Scale**

Cocoon scale; California red scale; Coconut scale; Farn scale; Florida red scale; Oyster shell scale, San Jose scale

**Mealybug scale**

Cottony cushion scale

**RESISTANCE MANAGEMENT**

Talus 70DF is classified by IRAC in Group 18 – chloronicotinyl synthesis inhibitors, and is not known to be cross-resistant to other classes of insecticides. However, insect pests are known to develop resistance to products used repeatedly. Because resistance development cannot be predicted, the use of this product should conform to resistance management strategies established for the crop and use area. Such strategies may include rotating with insecticides with different modes of action. Consult your local pest control advisor or extension office for details. Resistance to this product develops in your area; it may not provide adequate control. If you experience difficulty with control, and resistance is a likely cause, consult your local state university agricultural specialist or local agricultural authorities for the best alternative method of control. To preserve the usefulness of Talus 70DF, do not make more than two consecutive applications. Prior to subsequent applications, use an alternative chemistry with a different mode of action. Always consult your local crop advisor for the most appropriate control decision for your area. Resistance management strategies advise against applying rates lower than those recommended on the label.

For greenhouses: If another insect growth regulator with the roots of action as a chloronicotinyl synthesis inhibitor (i.e., cyromazine, diflubenzuron, and novolin) has been used in the greenhouse within 29 days, do not apply Talus 70DF as the first whitely application.
DATE: 12/14/09
COMPANY: SEPRO
ATTENTION: AMY DUGGER-RONYAK
DESCRIPTION: TALUS 70 DF 3 LB BOOKLET
SPC-35753001
BASE SIZE: 2.5 X 3.575 BOOK SIZE: 2.5 X 4.75
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DIELINE
(does not print)

MIXING, LOADING, AND HANDLING INSTRUCTIONS

SPECIFIC MIXING INSTRUCTIONS
Talus 70DF Alone: Fill spray tank with 1/4 of the amount of water needed for the intended application and then turn on agitation. Pour recommended amount of product on the surface of water in the spray tank. Add the remaining water to the spray tank with agitation running. Keep agitation running during filling and spraying operations. If spraying must be stopped before emptying the sprayer, resume agitation before spraying the remainder of the load.

Talus 70DF Tank Mixtures: Follow all use directions as listed above under Talus 70DF Alone with the following exception: after the Talus 70DF is thoroughly mixed and the tank is 1/4 full, add the recommended amount of water soluble powder, soluble powder, flocculant, emulsifiable concentrate, or soluble liquid product, while maintaining agitation. If a spray additive is needed, add a liquid fertilizer, surfactant, or crop oil concentrate to the spray tank at this time. Then continue adding water to the tank to achieve the desired level, while maintaining agitation.

Talus 70DF Tank Mixtures with Products in Water-Soluble Packaging: Follow all use directions as listed above under Talus 70DF Alone with the following exception: add the desired number of water-soluble bags to the tank if allowed by their label instructions. When using products in water soluble packaging, do not tank mix with products that contain boron, chromium, or other micronutrients.

APPLICATION DIRECTIONS
Applications should be made immediately after the spray solution is prepared. Thorough spray coverage is essential for effective control. Applications may be made with high or low volume spray equipment that provides thorough coverage of the plant. Apply with properly calibrated spray equipment. For best results, apply when pest populations are beginning to build, before reaching economic thresholds. Consult your local agricultural advisor, state cooperative extension service, or regional SePRO Corporation Representative for recommendations.

USE RESTRICTIONS
- Do not apply this product through any type of irrigation system.
- Crop Rotational Restrictions

<table>
<thead>
<tr>
<th>CROP</th>
<th>PLANTBACK TIMING</th>
</tr>
</thead>
<tbody>
<tr>
<td>All crops registered for use with buprofezin</td>
<td>6 days following application</td>
</tr>
<tr>
<td>Leafy vegetables not registered for use with buprofezin</td>
<td>30 days following application</td>
</tr>
<tr>
<td>Fruit and tuber vegetables</td>
<td>60 days following application</td>
</tr>
<tr>
<td>All other crops</td>
<td>90 days following application</td>
</tr>
</tbody>
</table>

USE PRECAUTIONS
- Apply in a minimum finished spray volume of 5 gallons per acre by air. For gallonage per acre by ground, refer to the Application Rate Chart.
APPLICATION RATE CHART FOR TALUS 70DF INSECT GROWTH REGULATOR

<table>
<thead>
<tr>
<th>CROP</th>
<th>PEST</th>
<th>FORMULATED PRODUCT/A (Rate Represented in Lbs)</th>
<th>DIRECTIONS FOR USE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Winter squash</td>
<td>Leafhoppers</td>
<td>9 oz/A (0.08 lb/A)</td>
<td>USE RESTRICTIONS</td>
</tr>
<tr>
<td></td>
<td>Mealybugs</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Planthoppers</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Whiteflies</td>
<td>0.0 to 9 oz/A (0.38 to 0.50 lb/A)</td>
<td>RECOMMENDATIONS</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

(Continued)
**BOOK**

**APPROVED AS IS:**

Signature of Authorized Customer Representative
Date

**CHANGES:**

(please write here)

Signature of Authorized Customer Representative
Date

### CROP

<table>
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<tr>
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</tr>
</thead>
</table>
| Ornamental plants    | Leafhoppers   | 12.0 oz./A (0.75 lb./A)                        | USE RESTRICTIONS
| in greenhouses;     | Mealybugs     |                                               | • Make no more than two applications of buprofezin per year per crop per growing season. |
| and shadehouses;    | Planthoppers  |                                               | RECOMMENDATIONS
| nurseries; landscape|               |                                               | • Applications may be made with high volume, low volume or ultra low volume (thermal and non-thermal foggers, misters, etc.) ground equipment only. Follow the spray equipment manufacturer's directions to determine the amount of spray solution required to obtain thorough coverage. Consult the spray equipment manufacturer's operator's manual, spray nozzle catalogs and/or your crop advisor for more information. |
| ornamentals; ground covers; field- and container-grown ornamentals; non-bearing fruit and nut trees in nurseries; Christmas trees | | | |

(Continued)

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</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Scales</td>
<td>14.0 oz./A (0.08 lb/A)</td>
<td>• Apply the specified dosage as a foliar spray in sufficient water for complete, uniform coverage, including stems and underside of leaves. Spray to the point of runoff.</td>
</tr>
<tr>
<td></td>
<td>Whirlies</td>
<td>6.0 oz./A (0.38 lb/A)</td>
<td>• Whirlies, Leafhopper, or Planthopper: Make first application as soon as adult insects begin to appear.</td>
</tr>
<tr>
<td></td>
<td>Mealybugs</td>
<td></td>
<td>• Mealybugs: Make first application as soon as insect activity is observed.</td>
</tr>
<tr>
<td></td>
<td>Scales</td>
<td></td>
<td>• Scales: Make first application when crawlers are emerging.</td>
</tr>
</tbody>
</table>

(Continued)
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CHANGES:  
(Printed in block)  
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<td></td>
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<td></td>
<td>* If additional insecticide applications are required for control, use another class of chemistry or a different Insect Growth Regulator (IGR) with a different mode of action before making subsequent applications of buprofezin.</td>
</tr>
</tbody>
</table>

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STORAGE AND DISPOSAL  
Do not contaminate water, food, or feed by storage and disposal.  
Pesticide Storage: Store in original container, unopened, in a cool, dry place.  
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: Nonrefillable container. Do not reuse or refill this container. Trip rinse (or equivalent) promptly after emptying. Trip rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container 1/4 full with water and recoup. Shake for 10 seconds. Pour rinse into application equipment or a mix tank or store rinse for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Then offer for recycling if available, or reconditioning, or puncture and dispose of in a sanitary landfill, or by incineration, or if allowed by State or local authorities, by burning. If burned, stay out of smoke.

TERMS AND CONDITIONS OF USE  
If terms of this Warranty Disclaimer, Inherent Risks of Use, and Limitation of Remedies are not acceptable, return unopened package at once to the seller for a full refund of purchase price paid. Otherwise, use by the buyer or any other user constitutes acceptance of the terms under Warranty Disclaimer, Inherent Risks of Use and Limitation of Remedies.

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**WARRANTY DISCLAIMER**

SePRO Corporation warrants that the product conforms to the chemical description on the label and is reasonably fit for the purposes stated on the label when used in strict accordance with the directions, subject to the inherent risks set forth below. SePRO CORPORATION MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR ANY OTHER EXPRESS OR IMPLIED WARRANTY.

**INHERENT RISKS OF USE**

It is impossible to eliminate all risks associated with use of this product. Plant injury, lack of performance, or other unintended consequences may result because of such factors as use of the product contrary to label instructions (including conditions noted on the label such as unfavorable temperatures, soil conditions, etc.), abnormal conditions (such as excessive rainfall, drought, tornadoes, hurricanes), presence of other materials, the manner or application, or other factors, all of which are beyond the control of SePRO Corporation as the seller. To the extent consistent with applicable law, all such risks shall be assumed by buyer.

**LIMITATION OF REMEDIES**

To the extent consistent with applicable law, the exclusive remedy for losses or damages resulting from this product (including claims based on contract, negligence, strict liability, or other legal theories) shall be limited to, at SePRO Corporation's election, one of the following:

1. Refund of purchase price paid by buyer or user for product bought, or
2. Replacement of amount of product used.

To the extent consistent with applicable law, SePRO Corporation shall not be liable for losses or damages resulting from handling or use of this product unless SePRO Corporation is promptly notified of such losses or damages in writing. In no case shall SePRO Corporation be liable for consequential or incidental damages or losses.

The terms of the Warranty Disclaimer above and this Limitation of Remedies cannot be varied by any written or verbal statements or agreements. No employee or sales agent of SePRO Corporation or the seller is authorized to vary or exceed the terms of the Warranty Disclaimer or Limitations of Remedies in any manner.

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