

62719-545

08/13/2009

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

OFFICE OF
PREVENTION, PESTICIDES
AND TOXIC SUBSTANCES

AUG 13 2009

Dr. Kenneth Racke
Dow AgroSciences LLC
9330 Zionsville Road
Indianapolis, IN 46268

Subject: Spinetoram Technical, EPA Reg. No. 62719-539
Delegate WG, EPA Reg. No. 62719-541 Supplemental Labels for dates;
pomegranates; hops and dried cones
Radiant SC, EPA Reg. No. 62719-545 Supplemental Labels for pineapple
and spices (except black pepper)
Date of Registrant Submission: October 3, 2008
Decisions: 401000, 401003, 401002

Dear Dr. Racke:

The labeling referred to above, submitted in connection with registration under the Federal insecticide, Fungicide, and Rodenticide Act, as amended, is acceptable.

At your next label printing, or within eighteen (18) months, whichever comes first, you must incorporate the supplemental labeling into the main product labeling. Stamped copies of the supplemental label are enclosed for your records.

Two (2) copies of the finished labeling must be submitted prior to releasing each product for shipment. If you have any questions regarding this letter, please contact Samantha Hulkower at (703) 603-0683.

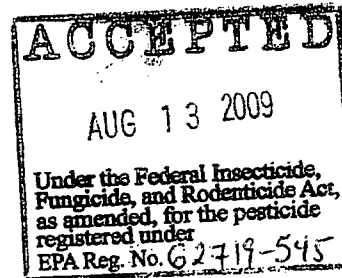
Sincerely,

A handwritten signature in black ink, appearing to read "Kimberly Nesci".

Kimberly Nesci
Product Manager 11
Insecticide Branch
Registration Division (7505P)

Enclosure: Copy of Labels Stamped "Accepted"

A5B / Radiant SC / Sec 3 Suppl Pineapple / 07-21-08
file: R358-007 Radiant SC Sec 3 Pineapple 21Jul08d.doc



Radiant™ SC

EPA Reg. No. 62719-545

Registration Notes:

Proposed section 3 supplemental labeling

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Supplemental Labeling



Dow AgroSciences LLC

9330 Zionsville Road

Indianapolis, IN 46268-1054 USA

Radiant™ SC

EPA Reg. No. 62719-545

Foliar Insect Suppression in Pineapple

(For Distribution and Use Only in the State of Hawaii)

ATTENTION

- It is a violation of Federal law to use this product in a manner inconsistent with its labeling.
- This labeling must be in the possession of the user at the time of application.
- Read the label affixed to the container for Radiant™ SC insecticide before applying. Carefully follow all precautionary statements and applicable use directions.
- Use of Radiant SC according to this supplemental labeling is subject to all use precautions and limitations imposed by the label affixed to the container for Radiant SC.

Directions for Use

Refer to product label for General Use Precautions, Mixing and Application instructions.

Pests and Application Rates:

| Pests | Radiant SC (fl oz/acre) |
|---|----------------------------|
| suppression of lepidopterous larvae such as: armyworms banana moth fruit borer caterpillar (<i>Thecia basilides</i>) Gummosos – <i>Batrachedra commosae</i> pineapple caterpillar pink cornworm sugarcane bud moth | 4 - 8 |

Specific Use Directions:

Application Timing: For determining when to treat, scout with enough regularity to monitor the population size of each of the labeled pests. Treat when pests appear, targeting eggs at hatch or small larvae. Consult your Dow AgroSciences representative, extension specialist, certified crop advisor or your state agricultural experiment station for any additional local use recommendations for your area.

Application Rate: Apply as a foliar spray at the rate indicated to control target pests. Heavy infestations may require repeat applications, but follow resistance management guidelines.

Resistance Management: Do not make more than 2 consecutive applications of Group 5 insecticides (spinetoram and spinosad). If additional treatments are required after 2 consecutive applications of Group 5 insecticides, rotate to another class of effective insecticides for at least one application. Consult your Dow AgroSciences representative, extension specialist, certified crop advisor, or state agricultural experiment station for information on alternative effective products to use in your area.

Restrictions:

- Do not apply more than a total of 39 fl oz of Radiant SC (0.305 lb ai of spinetoram) per acre per year
- Do not make more than 6 applications per calendar year.
- **Minimum Re-treatment Interval:** Do not make applications less than 7 days apart.
- **Preharvest Interval:** Do not apply within 7 days of harvest.

Note: This product is highly toxic to bees exposed to direct treatment on blooming crops or weeds. Refer to the Environmental Hazards section of the product label attached to the product container for required protective measures.

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R358-007

EPA accepted __/__/__

Initial printing

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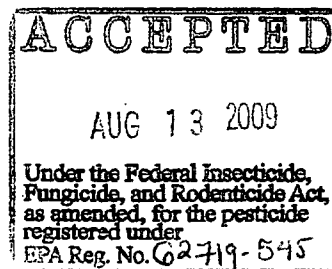
A5B / Sec 3 Suppl Spices19B / 07-21-08
file: R358-006 Radiant SC Sec 3 Spices 19B 21Jul08d.doc

Radiant™ SC

EPA Reg. No. 62719-545

Registration Notes:

Proposed section 3 supplemental labeling



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Supplemental Labeling



Dow AgroSciences LLC

9330 Zionsville Road

Indianapolis, IN 46268-1054 USA

Radiant™ SC

EPA Reg. No. 62719-545

Control of Lepidopterous Larvae and Suppression of Dipterous Leafminers and Thrips in Spices¹ (Except Black Pepper) (Subgroup 19B)

ATTENTION

- It is a violation of Federal law to use this product in a manner inconsistent with its labeling.
- This labeling must be in the possession of the user at the time of application.
- Read the label affixed to the container for Radiant™ SC insecticide before applying. Carefully follow all precautionary statements and applicable use directions.
- Use of Radiant SC according to this supplemental labeling is subject to all use precautions and limitations imposed by the label affixed to the container for Radiant SC.

Directions for Use

¹Spices, including allspice, anise (seed), annatto (seed), black caraway, caper (buds), caraway, cardamom, cassia (buds), celery (seed), cinnamon, clove (buds), common fennel, coriander (seed), culantro (seed), cumin, dill (seed), Florence fennel (seed), fenugreek, grains of paradise, juniper (berry), lovage (seed), mace, mustard (seed), nutmeg, poppy (seed), saffron, star anise, vanilla, white pepper

Refer to product label for General Use Precautions, Mixing and Application instructions.

Pests and Application Rates:

| Pests | Radiant SC (fl oz/acre) | Restrictions |
|-------|----------------------------|--------------|
|-------|----------------------------|--------------|

| | | |
|--|-------|--|
| lepidopterous larvae, dipterous leafminers ¹ (suppression) thrips ¹ (suppression) | 5 - 8 | <ul style="list-style-type: none"> • Preharvest Interval: Do not apply within 14 days of harvest. • Re-treatment Interval: 10 days • Do not apply more than a total of 39 fl oz of Radiant SC (0.305 lb ai of spinetoram) per acre per crop or make more than 5 applications per calendar year. |
|--|-------|--|

¹Suppression of leafminers and thrips may be improved with the addition of an adjuvant to the spray mixture. See Use of Adjuvants under Mixing.

Specific Use Directions:

Application Timing: For determining when to treat, scout with enough regularity to monitor the population size of each of the labeled pests. Treat when pests appear, targeting eggs at hatch or small larvae. Consult your Dow AgroSciences representative, extension specialist, certified crop advisor or your state agricultural experiment station for any additional local use recommendations for your area.

Application Rate: Apply as a foliar spray at the rate indicated to control target pests. Use a higher rate in the rate range for heavy infestations or advanced growth stages of target pests. Heavy infestations may require repeat applications, but follow resistance management guidelines.

Resistance Management: Do not make more than 2 consecutive applications of Group 5 insecticides (spinetoram and spinosad). If additional treatments are required after 2 consecutive applications of Group 5 insecticides, rotate to another class of effective insecticides for at least one application. Consult your Dow AgroSciences representative, extension specialist, certified crop advisor, or state agricultural experiment station for information on alternative effective products to use in your area.

Note: This product is highly toxic to bees exposed to direct treatment on blooming crops or weeds. Refer to the Environmental Hazards section of the product label attached to the product container for required protective measures.

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R358-006

EPA accepted __/__/__

Initial printing