



## OFFICE OF CHEMICAL SAFETY AND POLLUTION PREVENTION

WASHINGTON, D.C. 20460

March 25, 2024

Shannon Whitlock  
Regulatory Leader  
Corteva Agriscience LLC  
9330 Zionsville Road  
Indianapolis, IN 46268

Subject: Label Amendment – Updating Expiration Date and Stamping Supplemental Label Associated with Product Labeling Accepted on October 25, 2023  
Product Name: Radiant SC  
EPA Registration Number: 62719-545  
Application Date: 11/29/2023  
Case Number: 495188

Dear Shannon Whitlock:

The amended label referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, is acceptable. This approval does not affect any conditions that were previously imposed on this registration. You continue to be subject to existing conditions on your registration and any deadlines connected with them.

A stamped copy of your labeling is enclosed for your records. This labeling supersedes all previously accepted labeling. You must submit one copy of the final printed labeling before you release the product for shipment with the new labeling. In accordance with 40 CFR 152.130(c), you may distribute or sell this product under the previously approved labeling for 18 months from the date of this letter. After 18 months, you may only distribute or sell this product if it bears this new revised labeling or subsequently approved labeling. "To distribute or sell" is defined under FIFRA section 2(gg) and its implementing regulation at 40 CFR 152.3.

Should you wish to add/retain a reference to the company's website on your label, then please be aware that the website becomes labeling under FIFRA and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) lists examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product's label, claims made on the website may not substantially differ

from those claims approved through the registration process. Therefore, should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA's Office of Enforcement and Compliance.

Your release for shipment of the product constitutes acceptance of these conditions. If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6.

If you have any questions, please contact David Drawbaugh at [Drawbaugh.David@epa.gov](mailto:Drawbaugh.David@epa.gov).

Sincerely,

A handwritten signature in black ink, appearing to read 'Michael Walsh', with a stylized flourish at the end.

Michael Walsh  
Product Manager 11  
Invertebrate & Vertebrate Branch 2  
Registration Division  
Office of Pesticide Programs

Attachment

# Supplemental Labeling



Corteva Agriscience LLC

9330 Zionsville Road

Indianapolis, IN 46268-1054 USA

## Radiant® SC

EPA Reg. No. 62719-545

**[Stalk and Stem Vegetable Subgroup Crop 22A] [including] Asparagus & Greenhouse Production of Cucumber, Lettuce (head and leaf), Pepper, and Tomato (not for use in the production of field transplants for any of the listed crops)**

**This label expires and must not be distributed or used in accordance with this supplemental registration after October 25, 2026.**

### 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

**Directions for [Stalk and Stem Vegetable Subgroup 22A] [including] Asparagus Spears:**

#### Pest and Application Rates:

Pest	Radiant SC (fl oz/acre)
Thrips	6 – 10
Asparagus beetle	2 - 4
Armyworms <sup>1</sup> Loopers Corn earworm ( <i>Helicoverpa zea</i> )	5 - 10

**ACCEPTED**

03/25/2024

Under the Federal Insecticide, Fungicide  
and Rodenticide Act as amended, for the  
pesticide registered under  
EPA Reg. No. 62719-545

<sup>1</sup>With the exception of yellowstriped armyworm and western yellowstriped armyworm.

- Stalk and stem minimum ground spray volume: 15 GPA
- Stalk and stem minimum ground spray volume: 3 GPA

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

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

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

**Restrictions:**

- **Preharvest Interval:** **DO NOT** apply within 1 day of spear harvest.
- Do not apply more than a total of 40 fl oz of Radiant SC (0.3125 lb ai spinetoram) per acre per year.
- **Maximum Number of Applications:** Do not make more than four applications per year.
- **Minimum Treatment Interval:** Do not make applications less than 4 days apart.
- Do not apply more than a total of 56 fl oz of Radiant SC (0.438 lb ai spinetoram) to asparagus ferns and spears per acre per year.

**Directions for Post Harvest Protection of Asparagus Ferns:**

**Pest and Application Rates:**

Pest	Radiant SC (fl oz/acre)
asparagus beetle	4 – 8
Armyworms <sup>1</sup> Loopers Corn earworm ( <i>Helicoverpa zea</i> )	5 – 8

<sup>1</sup>With the exception of yellowstriped armyworm and western yellowstriped armyworm.

- Asparagus ferns minimum ground spray volume: 20 GPA
- Asparagus ferns minimum ground spray volume: 5 GPA

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

**Application Rate:** Apply Radiant SC as a foliar spray at the rate specified to control asparagus beetle in asparagus ferns. Use a higher rate in the rate range for heavy infestations or advanced growth stages of the beetle. Heavy infestations may require repeat applications but follow resistance management guidelines.

**Resistance Management:** Do not make more than two consecutive applications of Group 5 insecticides (spinetoram and spinosad). If additional treatments are required after two consecutive applications of Group 5 insecticides, rotate to another class of effective insecticides for at least one application. Consult your local Corteva Agriscience 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 24 fl oz of Radiant SC (0.188 lb ai spinetoram) per acre per year.
- **Maximum Number of Applications:** Do not make more than three applications per year.
- **Minimum Treatment Interval:** Do not make applications less than 4 days apart.
- Do not apply more than a total of 56 fl oz of Radiant SC (0.438 lb ai spinetoram) to asparagus ferns and spears per acre per year.

## Greenhouse Production of Cucumber, Lettuce (head and leaf), Pepper, and Tomato (not for use in the production of field transplants for any of the listed crops)

### Pests and Application Rates for Greenhouse Cucumber:

Pests	Radiant SC (fl oz/acre)
armyworms <sup>1</sup> cabbage looper melonworm pickleworm rindworms	5 – 10
thrips <sup>2</sup> dipterous leafminers <sup>2</sup>	6 – 10

<sup>1</sup>With the exception of yellowstriped armyworm and western yellowstriped armyworm.

<sup>2</sup>Control of lepidopterous larvae, leafminers, and thrips may be improved with the addition of an adjuvant to the spray mixture. See Use of Adjuvants section under Mixing Directions.

- Greenhouse minimum ground spray volume: 15 GPA

### Pests and Application Rates for Greenhouse Pepper and Tomato:

Pests	Radiant SC (fl oz/acre)
armyworms <sup>1</sup> European corn borer hornworms light brown apple moth loopers tomato fruitworm, <i>Helicoverpa zea</i> tomato pinworm	5 – 10
dipterous leafminers <sup>2</sup> thrips <sup>2</sup> psyllids <sup>2</sup> pepper weevil (suppression)	6 – 10

<sup>1</sup>With the exception of yellowstriped armyworm and western yellowstriped armyworm.

<sup>2</sup>Control of leafminers, thrips, and psyllids may be improved with the addition of an adjuvant to the spray mixture. See Use of Adjuvants section under Mixing Directions.

- Greenhouse minimum ground spray volume: 15 GPA

### Pests and Application Rates for Greenhouse Lettuce (head and leaf):

Pests	Radiant SC (fl oz/acre)
armyworms <sup>1</sup> cabbage looper corn earworm, <i>Helicoverpa zea</i> diamondback moth imported cabbageworm light brown apple moth	5 – 10
dipterous leafminers <sup>2</sup> thrips <sup>2</sup>	6 – 10

<sup>1</sup>With the exception of yellowstriped armyworm and western yellowstriped armyworm.

<sup>2</sup>Control of leafminers and thrips may be improved with the addition of an adjuvant to the spray mixture.

See Use of Adjuvants section under Mixing Directions.

- Greenhouse minimum ground spray volume: 15 GPA

**Application Timing:** To determine when to treat, scout with enough regularity to monitor the population size of each of the labeled pests and use economic thresholds when possible. Treat when pests appear, targeting eggs at hatch or small larvae. Consult your Corteva Agriscience representative, extension specialist, certified crop advisor or your state agricultural experiment station for any additional local use recommendations for your area.

**Application Rate:** Apply Radiant SC as a foliar spray at the rate specified to control target pests. Use a higher rate in the rate range for heavy infestations or advanced growth stages of target pests.

**Resistance Management:** Do not make more than two consecutive applications of Group 5 insecticides (spinetoram and spinosad). If additional treatments are required after two consecutive applications of Group 5 insecticides, rotate to another class of effective insecticides for at least one application. Do not make more than three applications of Group 5 insecticides for thrips in a season. Consult your Corteva Agriscience representative, extension specialist, certified crop advisor, or state agricultural experiment station for information on alternative effective products to use in your area. Do not apply in the production of transplants intended for field use.

**Restrictions:**

- Except for crops listed under the greenhouse section, do not apply Entrust SC in greenhouses or other enclosed structures used for growing crops.
- **Preharvest Interval: DO NOT** apply within 1 day of harvest.
- **DO NOT** apply more than a total of 34 fl oz of Radiant SC (0.266 lb ai spinetoram) per acre per year
- **Maximum Number of Applications:** Do not make more than four applications per year. See Resistance Management regarding number of applications for specific pests.
- **Minimum Treatment Interval: DO NOT** make applications less than 6 days apart.

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Initial printing