

May 17, 2024

New York State Department
of Environmental Conservation
Division of Materials Management
Pesticide Product Registration

Supplemental Labeling

**CORTEVA**TM
agriscience

Corteva Agriscience LLC

9330 Zionsville Road

Indianapolis, IN 46268-1054 USA

Radiant[®] SC

EPA Reg. No. 62719-545

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 Asparagus Spears:

Pest and Application Rates:

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

¹With 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 ¹ Loopers Corn earworm (<i>Helicoverpa zea</i>)	5 – 8

¹With 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 ¹ cabbage looper melonworm pickleworm rindworms	5 – 10
thrips ² dipterous leafminers ²	6 – 10

¹With the exception of yellowstriped armyworm and western yellowstriped armyworm.

²Control 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 ¹ European corn borer hornworms light brown apple moth loopers tomato fruitworm, <i>Helicoverpa zea</i> tomato pinworm	5 – 10
dipterous leafminers ² thrips ² psyllids ² pepper weevil (suppression)	6 – 10

¹With the exception of yellowstriped armyworm and western yellowstriped armyworm.

²Control 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 ¹ cabbage looper corn earworm, <i>Helicoverpa zea</i> diamondback moth imported cabbageworm light brown apple moth	5 – 10
dipterous leafminers ² thrips ²	6 – 10

¹With the exception of yellowstriped armyworm and western yellowstriped armyworm.

²Control 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 Radiant 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.

™®Trademarks of Corteva Agriscience and its affiliated companies

R358-050

EPA accepted 03/25/2024

Replaces: R358-041