

Product Bulletin



Dow AgroSciences

Dow AgroSciences LLC

9330 Zionsville Road

Indianapolis, IN 46268-1054 USA

Radiant[®] SC

EPA Reg. No. 62719-545

Special 2(ee) Recommendation[†]
(For Distribution and Use in All States Except New York and Texas)

For Cabbage Root Maggot Suppression

ATTENTION

[†]This recommendation is made as permitted under FIFRA Section 2(ee) and has not been submitted to or approved by EPA.

- It is a violation of federal law to use this product in a manner inconsistent with its labeling.
- Read the label affixed to the container for Radiant[®] SC insecticide before applying. Carefully follow all precautionary statements and applicable use directions except as specified below.
- Use of Radiant SC according to this Section 2(ee) recommendation is subject to all use precautions and limitations imposed by the label affixed to the container for Radiant SC.

Brassica (Cole) Leafy Vegetables (Crop Group 5) - broccoli, broccoli raab, Brussels sprouts, cabbage, cauliflower, cavalo, Chinese broccoli, Chinese cabbage (bok choy), Chinese cabbage (napa), Chinese mustard cabbage (gai choy), collards, kale, kohlrabi, mizuna, mustard greens, mustard spinach, rape greens

Directions for Use

Refer to product label for Radiant SC for General Use Precautions, Mixing Directions, and Application Directions.

Apply Radiant SC at 5 to 10 fl oz/acre. For 20-inch plant row spacing, (two plant lines per 40 inch bed), apply Radiant SC at 0.19 fl oz per 1000 linear feet of plant row. For 30-inch plant row spacing, apply Radiant SC at 0.29 to 0.57 fl oz per 100 linear feet of plant row. Use proportional amounts for other row spacings, but do not exceed 10 fl oz per acre of Radiant SC per application.

Application volume of at least 75 gallons of water per acre is recommended. Performance may be reduced at lower application volumes.

Direct the spray in a narrow band at the base of the plants and on the adjacent soil. The recommended width of the spray band is four to six inches.

Optimum application timing is based on field scouting. Begin applications when adult activity is observed in or near the field.

For direct seeded crops, an application should be made when the crop has developed to about the second true leaf stage and a second application should be made two to three weeks later. The recommended width of the spray band is four to six inches.

For transplants, an application should be made immediately after transplanting and a second application should be made two to three weeks later. Application to a narrow band of soil within 24 hours before transplanting is permitted, provided that the transplants are placed accurately within the band of treated soil and there is minimal soil mixing during transplanting.

A third application may be needed under high pest pressure conditions, such as when there is a large amount of debris from a previous brassica crop or when adjacent brassica fields are being harvested.

Resistance Management: Do not make more than three applications of Group 5 insecticides (spinetoram and spinosad) per crop cycle for cabbage maggot suppression.

Restrictions:

- **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 six applications per calendar year. See Resistance Management regarding number of applications for specific pests.
- **Minimum Treatment Interval:** Do not make applications less than 4 days apart.
- Do not apply to seedling cole crops grown for transplant within a greenhouse, shade house, or field plot.

[®]Trademark of The Dow Chemical Company ("Dow") or an affiliated company of Dow
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Issued: 06/28/13
Initial printing

RESTRICTED USE PESTICIDE

Toxic to fish and aquatic organisms.

For retail sale to and use only by certified applicators, or persons under their direct supervision and only for the uses covered by the certified applicator's certification.

THIS RECOMMENDATION IS MADE AS PERMITTED UNDER FIFRA SECTION 2(ee) AND HAS NOT BEEN SUBMITTED TO OR APPROVED BY THE EPA.



EPA REG. NO. 279-3426

2(ee) Recommendation

FOR DISTRIBUTION AND USE ONLY IN Georgia, Illinois, Delaware, Maine, Maryland, Massachusetts, Michigan, New Jersey, North Carolina, Ohio, South Carolina, Virginia, West Virginia and Wisconsin

IT IS A VIOLATION OF FEDERAL LAW TO USE THIS PRODUCT IN A MANNER INCONSISTENT WITH IT LABELING

THIS PRODUCT BULLETIN CONTAINS NEW OR ADDITIONAL DIRECTIONS FOR USE WHICH ARE RECOMMENDED BY FMC CORPORATION UNDER FIFRA SECTION 2(ee)

CROP	PEST	RATE OF APPLICATION
<u>Berries Crop Group including:</u> blackberry; loganberry; red and black raspberry; blueberry, highbush and lowbush; currant; elderberry; gooseberry; huckleberry; and cultivars and/or hybrids of these.	<u>Controls The Following Pests:</u> Cherry Fruitworm, Cranberry Fruitworm, Cranberry Weevil, Japanese Beetle, Plum Curculio, and Scale (crawlers). <u>Suppression Only:</u> Green Aphid, Blueberry Aphid, Blueberry Maggot	4.0 fl oz / acre

DIRECTIONS FOR USE: Through coverage is essential to achieve control. Apply using sufficient spray volume to obtain full coverage, use a minimum spray volume of 20 gallons by ground or 2 gallons by air. Multiple applications may be required

Pre-harvest interval is 1 day .

RESTRICTIONS:

Do not apply more than 24 fluid ounces product (0.15 lbs active ingredient) per acre per season.

Do not make applications less than 7 days apart.

ALL APPLICABLE DIRECTIONS, RESTRICTIONS, AND PRECAUTIONS ON THE EPA REGISTERED MUSTANG MAX INSECTICIDE LABEL (EPA REG. NO. 279-3426) MUST BE FOLLOWED. THIS RECOMMENDATION SHOULD BE IN THE POSSESSION OF THE USER AT THE TIME OF PESTICIDE APPLICATION.



FIFRA

Section 2(ee) Recommendation

Date: June 27, 2013

Product: Medallion® WDG
EPA Reg. No. 100-1434

Use: Addition of *Cylindrocladium* blight (*Cylindrocladium* spp.) as a Disease Controlled on Ornamental Plants in Greenhouses and Nurseries

State: AL, AR, AZ, CA, CO, CT, DC, DE, FL, GA, HI, IA, ID, IL, IN, KS, KY, LA, MA, MD, ME, MI, MN, MO, MS, MT, NC, ND, NE, NH, NJ, NM, NV, OH, OK, PA, RI, SC, SD, TN, UT, VA, VT, WA, WI, WV, WY

Directions for Use

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

For control of *Cylindrocladium* blight (*Cylindrocladium* spp.) on ornamental plants in greenhouses and nurseries, apply Medallion WDG at 2-4 oz/100 gallons of water and spray to runoff at 7-14 day intervals while conditions are favorable for disease development.

The user must refer to the federally approved labels for the above noted product and read and follow all directions for use, restrictions, and precautions.

The user should have this recommendation in its possession at the time of use.

Use of this product according to this bulletin has not been reviewed or endorsed by the Office of the Indiana State Chemist.

This recommendation for use of Medallion WDG is permitted under Section 2(ee) of FIFRA and has not been submitted to or been approved by EPA.

2(ee) Registrant:
Syngenta Crop Protection, LLC
P. O. Box 18300
Greensboro, NC 27419-8300

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2(ee) Recommendation

Use information in accordance with Section 2(ee) of FIFRA



DUPONT™ LANNATE® LV INSECTICIDE

EPA Reg. No. 352-384

FOR CONTROL OF SPOTTED WING DROSOPHILA ON BLUEBERRIES IN ALL STATES EXCEPT ALASKA, CALIFORNIA, NEW HAMPSHIRE, NEW YORK, SOUTH CAROLINA AND TEXAS

This recommendation is made as permitted under FIFRA Section 2(ee) and has not been submitted to or approved by EPA.

RESTRICTED USE PESTICIDE

DUE TO HIGH TOXICITY TO HUMANS

For retail sale and use only by Certified Applicators or persons under their direct supervision and only for those uses covered by the Certified Applicator's certification. Direct supervision for this product requires the certified applicator to review federal and supplemental label instructions with all personnel prior to application, mixing, loading or repair or cleaning of application equipment.

DIRECTIONS FOR USE

It is a federal law to use this product in a manner inconsistent with its labeling.

For any requirements specific to your State or Tribe; consult the agency responsible for pesticide regulation. Do not apply this product in any way that will contact workers or other persons; either directly or through drift. Only protected handlers may be in the area during application. DuPont™ LANNATE® LV must be used only in accordance with the directions on this bulletin or in separately published DuPont labeling. DuPont will not be responsible for losses or damages resulting from the use of this product in any manner not specifically instructed by DuPont. User assumes all risks associated with such non-labeled use.

DuPont™ LANNATE® LV insecticide is recommended for the control of spotted wing drosophila (SWD) in blueberries. Apply LANNATE® LV at 1 1/2 to 3 pints/acre when the first adult SWD are trapped locally or based on local university crop stage timing recommendations in order to protect ripening fruit.

APPLICATION

Apply by properly calibrated air or ground equipment using sufficient spray volume to obtain thorough coverage. For aerial application in dense growth blueberries, use a spray volume of 10 gallons per acre. Make repeat applications as needed based on scouting or on a 5 to 7 day schedule.

Note:

Do not apply during bloom.

Do not apply more than 12 pints per acre per crop.

Do not make more than 4 applications per crop.

The field re-entry interval following application of LANNATE® LV is 48 hours.

The pre-harvest interval after the last application of LANNATE® LV is 3 days.

IMPORTANT NOTICE

BEFORE BUYING OR USING DUPONT PRODUCT(S) COVERED BY THIS BULLETIN, READ THIS BULLETIN, AND THE LABELS FOR ALL PRODUCTS REFERENCED IN THIS BULLETIN, IN THEIR ENTIRETY. FOLLOW ALL APPLICABLE DIRECTIONS, RESTRICTIONS AND PRECAUTIONS.

It is a violation of federal law to use this or any other pesticide product in a manner inconsistent with its labeling. This bulletin contains supplemental instructions for use of the referenced DuPont product. Follow these instructions carefully. This bulletin should be in the possession of the user at the time of application.

Read the Limitation of Warranty and Liability on the Section 3 Federal product label before buying or using THIS product. If terms are not acceptable, return the unopened package at once to Seller for full refund of purchase price paid. Otherwise, use by Buyer or any other User constitutes acceptance of the terms of the Limitation of Warranty and Liability on the Section 3 Federal product label.

Copies of DuPont product labels are available by calling 1-888-6-DUPONT
or at <http://cropprotection.dupont.com/>

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Expires 12/31/16

2(ee) Recommendation

Use information in accordance with Section 2(ee) of FIFRA



DUPONT™ LANNATE® SP INSECTICIDE

EPA Reg. No. 352-342

FOR CONTROL OF SPOTTED WING DROSOPHILA ON BLUEBERRIES IN ALL STATES EXCEPT ALASKA, CALIFORNIA, NEW HAMPSHIRE, NEW YORK, SOUTH CAROLINA AND TEXAS

This recommendation is made as permitted under FIFRA Section 2(ee) and has not been submitted to or approved by EPA.

RESTRICTED USE PESTICIDE

DUE TO HIGH TOXICITY TO HUMANS

For retail sale and use only by Certified Applicators or persons under their direct supervision and only for those uses covered by the Certified Applicator's certification. Direct supervision for this product requires the certified applicator to review federal and supplemental label instructions with all personnel prior to application, mixing, loading or repair or cleaning of application equipment.

DIRECTIONS FOR USE

It is a federal law to use this product in a manner inconsistent with its labeling.

For any requirements specific to your State or Tribe; consult the agency responsible for pesticide regulation. Do not apply this product in any way that will contact workers or other persons; either directly or through drift. Only protected handlers may be in the area during application. DuPont™ LANNATE® SP must be used only in accordance with the directions on this bulletin or in separately published DuPont labeling. DuPont will not be responsible for losses or damages resulting from the use of this product in any manner not specifically instructed by DuPont. User assumes all risks associated with such non-labeled use.

DuPont™ LANNATE® SP insecticide is recommended for the control of spotted wing drosophila (SWD) in blueberries. Apply LANNATE® SP at 1/2 to 1 pound/acre when the first adult SWD are trapped locally or based on local university crop stage timing recommendations in order to protect ripening fruit.

APPLICATION

Apply by properly calibrated air or ground equipment using sufficient spray volume to obtain thorough coverage. For aerial application in dense growth blueberries, use a spray volume of 10 gallons per acre. Make repeat applications as needed based on scouting or on a 5 to 7 day schedule.

Note:

Do not apply during bloom.

Do not apply more than 4 pounds per acre per crop.

Do not make more than 4 applications per crop.

The field re-entry interval following application of LANNATE® SP is 48 hours.

The pre-harvest interval after the last application of LANNATE® SP is 3 days.

IMPORTANT NOTICE

BEFORE BUYING OR USING DUPONT PRODUCT(S) COVERED BY THIS BULLETIN, READ THIS BULLETIN, AND THE LABELS FOR ALL PRODUCTS REFERENCED IN THIS BULLETIN, IN THEIR ENTIRETY. FOLLOW ALL APPLICABLE DIRECTIONS, RESTRICTIONS AND PRECAUTIONS.

It is a violation of federal law to use this or any other pesticide product in a manner inconsistent with its labeling. This bulletin contains supplemental instructions for use of the referenced DuPont product. Follow these instructions carefully. This bulletin should be in the possession of the user at the time of application.

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Expires 12/31/16



Section 2(ee) Recommendation

Date: June 13, 2013

Product: Trimmit® 2SC Plant Growth Regulator, EPA Reg. No. 100-1014
Primo Maxx®, EPA Reg. No. 100-937

Use: Trimmit 2SC Tank Mixed with Primo Maxx for Growth Suppression of
Turfgrasses on Greens, Tees, Fairways, and Roughs

State: AL, AR, AZ, CA, CO, CT, DC, DE, FL, GA, HI, IA, ID, IL, IN, KS, KY, LA, MA,
MD, ME, MI, MN, MO, MS, MT, NC, ND, NE, NH, NJ, NM, NV, OH, OK, PA, RI,
SC, SD, TN, UT, VA, VT, WA, WI, WV, WY

Directions for Use

Apply Trimmit 2SC Plant Growth Regulator at 4 to 6 fl oz per acre tank mixed with Primo Maxx for growth suppression of bermudagrass, bentgrass, perennial ryegrass, Kentucky bluegrass, *Poa annua*, and St. Augustinegrass on greens, tees, fairways, and roughs.

The user must refer to the federally approved Trimmit 2SC and Primo Maxx labels and read and follow all directions for use, restrictions, and precautions.

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. The user should have this recommendation in its possession at the time of use.

Use of this product according to this bulletin has not been reviewed or endorsed by the Office of the Indiana State Chemist.

This recommendation is made as permitted under Section 2(ee) of FIFRA and has not been submitted to or been approved by EPA.

Syngenta Crop Protection, LLC
P. O. Box 18300
Greensboro, NC 27419-8300

Trimmit® and Primo Maxx® trademarks of a Syngenta Group Company.

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Bayer CropScience

Bayer CropScience LP
 P.O. Box 12014
 2 T.W. Alexander Drive
 Research Triangle Park, North Carolina 27709
 1-866-99BAYER (1-866-992-2937)

TARTAN™ Fungicide

EPA Reg. No. 432-1446

For control of Take-all Patch on Turfgrass

PRODUCT BULLETIN

FOR DISTRIBUTION AND USE ONLY WITHIN THE STATE OF ILLINOIS

FIFRA Section 2(ee) Recommendation: This recommendation is made as permitted under FIFRA Section 2(ee) and has not been submitted to or approved by the EPA. This product bulletin should be in the possession of the user at the time of application of the product. All applicable directions, restrictions and precautions on the EPA registered label are to be followed.

DIRECTIONS FOR USE

It is a violation of federal law to use this product in a manner inconsistent with its label.

Turfgrass Disease Controlled with TARTAN™ FUNGICIDE

Disease	TARTAN™ FUNGICIDE	fl oz per 1,000 sq ft	Application Interval/ Timing
Take-all Patch	Apply 1 to 2 applications preventatively	1.5-2	28 days

TANK MIXES

Pink snow mold: For control of Pink snow mold on fairways, apply TARTAN Fungicide at 1 fl oz/1000 sq ft with INTERFACE Fungicide at 3 fl oz/1000 sq ft.

Make one application before first permanent snow cover and, if possible, another application during a mid-winter thaw.

Follow the label directions for the most restrictive of label limitations and precautions. This product cannot be mixed with any product containing a label prohibition against such mixing.

For MEDICAL And TRANSPORTATION Emergencies ONLY Call 24 Hours A Day 1-800-334-7577

For PRODUCT USE Information, Call 1-866-99BAYER (1-866-992-2937)

As with any crop-protection product, always read and follow label directions.

For additional information call toll-free 1-866-99BAYER (1-866-992-2937).