

Product Bulletin



Dow AgroSciences

Dow AgroSciences LLC

9330 Zionsville Road

Indianapolis, IN 46268-1054 USA

Delegate® WG

EPA Reg. No. 62719-541

(For Use and Distribution Within all States Except Texas)

| | | |
|-------|---|-------------|
| Group | 5 | INSECTICIDE |
|-------|---|-------------|

Control of Spotted Wing Drosophila on Various Crops

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 Delegate® WG insecticide before applying. Carefully follow all precautionary statements and applicable use directions except as specified below.
- Use of Delegate WG according to this Section 2(ee) recommendation is subject to all use precautions and limitations imposed by the label affixed to the container for Delegate WG.

Directions for Use

Refer to product label for Delegate WG for General Use Precautions, Mixing Directions and Application Directions.

Delegate WG can be used as part of an integrated program to manage spotted wing drosophila. The use of Delegate to manage spotted winged Drosophila is limited to ground application equipment. Do not apply by air.

Apply Delegate WG to the following crops for control of spotted wing drosophila. Use a higher rate in the rate range for moderate to severe infestations and/or larger plant volume. Begin applications at first signs of adult activity. Due to the occurrence of multiple generations in a growing season, repeated applications may be required. Do not make more than 6 applications per acre per calendar year to bushberries (Subgroup 13B) or caneberries (Subgroup 13A). Do not make more than 5 applications per acre per calendar year to grape. Do not make more than 4 applications per acre per calendar year to pome fruit (Crop Group 11) or stone fruit (Crop Group 12).

Resistance Management Recommendations: Do not make more than 2 consecutive applications of Group 5 insecticides (spinosad and spinetoram). If additional applications are required, rotate to an effective product in a different group for at least 2 applications. Follow all other resistance management recommendations on the product label.

Consult your Dow AgroSciences representative, extension service specialist, certified crop advisor or your state agricultural experiment station for any additional local use recommendations for your area. Refer to specific crop sections of the product label for additional information and restrictions.

| Crop | Delegate WG (oz/acre) |
|---|--------------------------|
| bushberries (subgroup 13B) caneberries (subgroup 13A) | 3 - 6 |
| grape | 3 - 5 |
| pome fruits (crop group 11) stone fruits (crop group 12) | 4.5 - 7 |

In Indiana, use of this product according to this bulletin has not been reviewed or endorsed by the Office of the Indiana State Chemist. This recommendation must be in the possession of the user at the time of application.

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R359-024
Issued: 11/27/12
Replaces R359-022



RESTRICTED USE PESTICIDE

Due to Toxicity to Fish and Aquatic Organisms

For retail sale to and use only by Certified Applicators or persons under their direct supervision, and only for those uses covered by the Certified Applicator's certification.



Section 2(ee) Recommendation

Date: January 11, 2013

Products: Force® 3G Insecticide
EPA Registration No. 100-1075

Uses: Reduced rate of Force 3G against corn rootworm traited corn planted in narrow rows (15 – 20 inch rows).

States: IA, IL, IN, KS, MN, MO, NE, ND, OH, SD, WI

This FIFRA Section 2(ee) Recommendation applies to Force 3G applied at a reduced rate for the control of corn rootworm on corn rootworm traited corn planted in narrow rows (15 – 20 inch rows). In cases of high populations of corn rootworm or in suspected areas of corn rootworm resistance to corn rootworm traits, the level of control may only reach suppression.

Directions for Use – Reduced Rates

Pounds of Force 3G Required Per Acre for Various Row Spacings

| Row Spacing | 20" | 15" |
|-----------------------------|----------|----------|
| Linear ft. per acre | 26,136 | 34,848 |
| Amount per 1,000 ft. of row | 3.5 oz. | 2.5 oz. |
| Amount per acre | 5.5 lbs. | 5.5 lbs. |

At-Planting Band Treatment

- Apply Force 3G insecticide at planting time for the control of corn rootworms.
- Place the granules in a 7-inch wide band across the open seed furrow between the furrow openers and the press wheels.
- GRANULES MUST BE INCORPORATED INTO THE TOP ONE INCH OF SOIL USING TINES, PRESS WHEELS, CLOSING WHEELS OR OTHER SUITABLE EQUIPMENT.
- DO NOT apply this product as either a band or T-band treatment, unless you can incorporate the granules as directed above. This will improve insect control and reduce the potential for adverse effects to aquatic organisms.

At-Planting In-Furrow Treatment

- Apply Force 3G at planting time as an in-furrow treatment for control of corn rootworms.
- In-furrow applications may be made by (1) directing the granules into the planter shoe with the seed, or (2) placing the applicator tube directly behind the planter shoe so that the granules drop into the seed furrow.

The user must refer to the federally approved Force 3G label 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 their 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 by Section 2(ee) of FIFRA, as amended, and has not been submitted to or approved by the EPA.

Syngenta Crop Protection, LLC
Greensboro, NC 27419

Force® - Trademark of a Syngenta group company

Expiration Date: December 31, 2016

IA1075038BC0113



RESTRICTED USE PESTICIDE

Due to Toxicity to Fish and Aquatic Organisms

For retail sale to and use only by Certified Applicators or persons under their direct supervision, and only for those uses covered by the Certified Applicator's certification.



Section 2(ee) Recommendation

Date: January 11, 2013

Products: Force® CS Insecticide
EPA Registration No. 100-1253

Uses: Reduced rate of Force CS against corn rootworm traited corn planted in narrow rows (15 – 20 inch rows).

States: IA, IL, IN, KS, MN, MO, NE, ND, OH, SD, WI

This FIFRA Section 2(ee) Recommendation applies to Force CS applied at a reduced rate for the control of corn rootworm on corn rootworm traited corn planted in narrow rows (15 – 20 inch rows). In cases of high populations of corn rootworm or in suspected areas of corn rootworm resistance to corn rootworm traits, the level of control may only reach suppression.

Directions for Use – Reduced Rates

Fluid Ounces of Force CS Required Per Acre for Various Row Spacings

| Row Spacing | 20" | 15" |
|-----------------------------|--------------|--------------|
| Linear ft. per acre | 26,136 | 34,848 |
| Amount per 1,000 ft. of row | 0.38 fl. oz. | 0.29 fl. oz. |
| Amount per acre | 10.0 fl. oz. | 10.0 fl. oz. |

At Planting T-Band Treatment

- Apply Force CS Insecticide at planting time for the control of corn rootworms.
- Liquid T-band applications are to be placed in a 7-inch T band across the open seed furrow between the furrow openers and the press wheels.
- T-band applications need to be followed by an incorporation of 1 inch into the soil either by using tines, press wheels, closing wheels, or other suitable equipment which are either attached to the planter or part of the planter system.
- DO NOT apply this product as a T-band unless you can incorporate the product as directed above. This will improve insect control and reduce the potential for adverse effects to aquatic organisms.

At-Planting In-Furrow Treatment

- Apply Force CS Insecticide at planting time as an in-furrow treatment for control of corn rootworms.
- Liquid in-furrow applications are to be applied into the seed furrow, through spray nozzles or microtubes, behind the planter furrow openers and in front of the press wheels.

The user must refer to the federally approved Force CS label 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 their 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 by Section 2(ee) of FIFRA, as amended, and has not been submitted to or approved by the EPA.

Syngenta Crop Protection, LLC
Greensboro, NC 27419

Force® - Trademark of a Syngenta group company

Expiration Date: December 31, 2016

IA1253037AC0113

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)

Control of Potato Psyllid in Potatoes

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.

Directions for Use

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

Radiant SC can be used as part of an integrated program to manage potato psyllid.

Apply 4 to 8 fluid ounces of Radiant SC per acre to potatoes for control of potato psyllid. Use a higher rate in the rate range for moderate to severe infestations and/or larger plant volume. Begin at first signs of infestations. Due to the occurrence of multiple generations in a growing season, repeated applications may be required. Follow resistance management recommendations on the product label.

Consult your Dow AgroSciences representative, extension service specialist, certified crop advisor or your state agricultural experiment station for any additional local use recommendations for your area. Refer to specific crop sections of the product label for additional information and restrictions.

[®]Trademark of Dow AgroSciences LLC

R358-024

Issued: 01/18/13

Initial printing



Section 2(ee) Recommendation

Date: February 7, 2013

Product: Voliam Flexi® Insecticide
EPA Registration No. 100-1319

Uses: Addition of brown marmorated stink bug as pest controlled to Brassica (Cole) Leafy Vegetables, Cucurbit Vegetables, Leafy Vegetables (except Brassica), and Pome Fruit sections of the Voliam Flexi label

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

Directions for Use

Voliam Flexi® applied as a foliar spray will provide control of brown marmorated stink bug at the rates indicated in the following table. The user must refer to the federally approved label for Voliam Flexi® and read and follow all directions for use, restrictions, and precautions.

| Crop Group Section of the Federal Label | Rate/Acre Per Application |
|---|---------------------------|
| Brassica (Cole) Leafy Vegetables | 6.0 – 7.0 oz |
| Cucurbit Vegetables | 6.0 – 7.0 oz |
| Leafy Vegetables (except Brassica) | 6.0 – 7.0 oz |
| Pome Fruit | 6.0 – 7.0 oz |

Pollinator Precautions

- Voliam Flexi is highly toxic to bees exposed to direct treatment on blooming crops or weeds.
- For apples, do not apply Voliam Flexi after pre-bloom (early pink growth stage) or before post bloom (petal fall growth stage).
- Do not apply Voliam Flexi or allow it to drift to blooming crops while bees are foraging in/or adjacent to the treatment area. This is especially critical if there are adjacent orchards that are blooming (Refer to Spray Drift Precautions for additional information).
- After a Voliam Flexi application, wait at least 5 days before placing beehives in the treated field.
- If bees are foraging in the ground cover and it contains any blooming plants or weeds, always remove flowers before making an application. This may be accomplished by mowing, disking, mulching, flailing, or applying a labeled herbicide.
- Consult with your local cooperative extension service or state agency responsible for regulating pesticide use for additional pollinator safety practices.

The user must refer to the federally approved Voliam Flexi label 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 their possession at the time of use.

This bulletin has not been reviewed or endorsed by the Office of the Indiana State Chemist

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

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Syngenta Crop Protection, LLC
Greensboro, NC 27419

Voliam Flexi® - Trademark of a Syngenta group company

AL1319103AC0213



Section 2(ee) Recommendation

Date: January 14, 2013

Products: Cannonball® WP Fungicide
EPA Reg. No. 100-1360

Use: Addition of *Cylindrocladium* Root Rot caused by *Cylindrocladium parasiticum* as disease controlled in blueberries

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

This is a recommendation of FIFRA Section 2(ee) as it relates to the use of Cannonball WP for control of *Cylindrocladium* Root Rot in blueberries. The user must refer to the federally approved label for Cannonball WP and read and follow all directions for use, restrictions, and precautions.

DIRECTIONS FOR USE

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

Cylindrocladium root rot: Apply 1 – 2 oz Cannonball WP/100 gal to blueberries according to the use directions under the "Bushberry" section on the federal label.

The user must refer to the federally approved label and read and follow all directions for use, restrictions, and precautions.

The user must 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 by Section 2(ee) of FIFRA, as amended, and has not been submitted to or approved by the EPA.

Syngenta Crop Protection, LLC
Greensboro, NC 27419

Cannonball® WP – Trademark of a Syngenta group company

Label Code: AL1360101BC0113



Recommendation

AQUATHOL® K AQUATIC HERBICIDE

EPA Reg. No. 70506-176

This Section 2(ee) Recommendation is not for use in the states of Delaware, Indiana, Iowa, Kansas, Kentucky, Missouri, New Hampshire, New Mexico, New York, Texas, or South Dakota.

FOR CONTROL OF FLOATING WEEDS

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

DIRECTIONS FOR USE

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

Observe all applicable precautions, restrictions and limitations on the EPA-approved label. This recommendation and the federally registered label must be in the possession of the user at the time of pesticide application.

| WEEDS | RATE | REMARKS |
|---|-------------------------------|--|
| Floating Aquatic Plants Including: Water Lettuce (<i>Pistia stratiotes</i>) and Water Hyacinth (<i>Eichhornia crassipes</i>) | 2 - 3 quarts per surface acre | Apply with an approved aquatic wetting agent (0.25 – 1% v/v). Apply in a manner to ensure complete and consistent coverage to the treatment area. Target plants should be wet but not to runoff. Dense infestations may require a follow-up application within 2 weeks to minimize the potential for plant escapes. The higher rate is recommended for late season applications. |
| Common Salvinia (<i>Salvinia rotundifolia</i>) and Giant Salvinia (<i>Salvinia molesta</i>) | 2 - 6 quarts per surface acre | |

United Phosphorus, Inc.
630 Freedom Business Center, Suite 402
King of Prussia, PA 19406
1-800-438-6071



Section 2(ee) Recommendation

Date: March 1, 2013

Products: Heritage® Fungicide
EPA Registration No. 100-1093

Use: Addition of Pythium Root Dysfunction (*Pythium volutum*) as disease controlled on golf course greens

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

This recommendation is made under the authority of FIFRA Section 2(ee) and recommends an application of Heritage Fungicide to golf course greens at the recommended rates in the above states.

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.

DIRECTIONS FOR USE

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

Apply 0.4 oz /1000 sq ft on a 21-28 day application interval for control of Pythium root dysfunction on golf course greens. Apply preventatively when mean daily soil temperatures are between 55°F and 70°F. Irrigate with 0.1" to 0.2" within 24 hours after application to facilitate movement into the root zone.

Follow all directions for use, restrictions and precautions as given on the federal label.

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

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

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

Syngenta Crop Protection, LLC
Greensboro, NC 27419

Heritage® and the Syngenta logo trademarks of a Syngenta Group Company.

Label code: AL1093105AC0213



Section 2(ee) Recommendation

Date: March 1, 2013

Products: Heritage® TL Fungicide
EPA Registration No. 100-1191

Use: Addition of Pythium Root Dysfunction (*Pythium volutum*) as disease controlled on golf course greens

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

This recommendation is made under the authority of FIFRA Section 2(ee) and recommends an application of Heritage TL Fungicide to golf course greens at the recommended rates in the above states.

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.

DIRECTIONS FOR USE

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

Apply 2 fl oz /1000 sq ft on a 21-28 day application interval for control of Pythium root dysfunction on golf course greens. Apply preventatively when mean daily soil temperatures are between 55°F and 70°F. Irrigate with 0.1" to 0.2" within 24 hours after application to facilitate movement into the root zone.

Follow all directions for use, restrictions and precautions as given on the federal label.

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

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

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

Syngenta Crop Protection, LLC
Greensboro, NC 27419

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Label code: AL1191106AC0213