

## **PLEASE NOTE**

**This image contains more than one label  
approved for this product on this date.**

62719-282

09/14/2009

17



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

SEP 14 2009

OFFICE OF  
PREVENTION, PESTICIDES  
AND TOXIC SUBSTANCES

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

Subject: Entrust, EPA Reg. No. 62719-282 Supplemental Labels for pomegranate;  
tree nuts and pistachios; dates  
Date of Registrant Submission: September 23, 2008  
Decisions: 400735

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)

Enclosures: Copy of Labels Stamped "Accepted"

# Supplemental Labeling



Dow AgroSciences LLC

9330 Zionsville Road

Indianapolis, IN 46268-1054 USA

## Entrust<sup>®</sup>

EPA Reg. No. 62719-282

### Foliar Insect Control in Pomegranate

#### ATTENTION

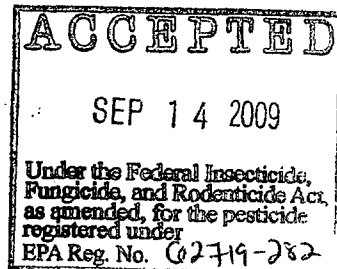
- It is a violation of Federal law to use this product in a manner inconsistent with its labeling.
- This labeling must be in the possession of the user at the time of application.
- Read the label affixed to the container for Entrust<sup>®</sup> Naturalyte<sup>®</sup> insect control before applying. Carefully follow all precautionary statements and applicable use directions.
- Use of Entrust according to this supplemental labeling is subject to all use precautions and limitations imposed by the label affixed to the container for Entrust.

#### Directions for Use

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

#### Pests and Application Rates:

Pests	Entrust	
	(oz/acre)	Dilute Spray (oz/100 gal)
carob moth filbert moth leafrollers (such as oblique-banded omnivoracious fruit tree pandemis redbanded variegated) light brown apple moth navel orangeworm oriental fruit moth peach twig borer thrips <sup>1</sup> western cherry fruit fly	1.25 – 2.5	0.42 – 0.83



<sup>1</sup>Control of thrips may be improved by addition of an adjuvant to the spray mixture. See Use of Adjuvants section under Mixing.

**Application Timing:** Optimal timing for **leafrollers** may vary between species and geographic location. Monitor the moth flights and the infestation densities of the larval stages. A 10- to 14-day re-treatment schedule may be necessary to maintain control if the crop is growing rapidly or if there is heavy pest pressure. Thorough coverage is necessary for optimal control. Consult with your Dow AgroSciences representative, state agricultural experiment station, certified pest control advisor or extension specialist for specific application timings in your area.

**Application Rate:** Choose a higher rate in the rate range for large trees, heavy infestations, or advanced growth stages of target pest, especially if spray volume or coverage is marginal.

**Spray Volume:** Dilute sprays are sprayed to the point of runoff. The application rate range in the table is based on a spray volume of 300 gallons per acre. Gallonage of dilute sprays will vary depending on tree size, density of canopy, stage of seasonal growth, and spacing in the orchard.

**Resistance Management:** Do not make more than 3 consecutive applications of Group 5 insecticides (spinetoram and spinosad) within a crop season. If additional treatments are required after 3 consecutive applications of Group 5 insecticides, rotate to another class of effective insecticides for at least one application. Consult your local Dow AgroSciences representative, extension specialist, certified crop advisor, or state agricultural experiment station for information on alternative effective products to use in your area. Avoid treating consecutive generations of oriental fruit moth and leafrollers. Do not apply more than 3 sprays targeted at leafrollers per season.

**Restrictions:**

- **Preharvest Interval:** Do not apply within 7 days of harvest.
- Do not apply more than a total of 9 oz of Entrust (0.45 lb ai spinosad) per acre per year.
- Do not apply more than 3 sprays targeted at leafrollers per season.

**Note:** This product is toxic to bees exposed to treatment for 3 hours following treatment and toxic to aquatic invertebrates. Refer to the Environmental Hazards section of the product label attached to the product container for required protective measures.

®Trademark of Dow AgroSciences LLC  
R184-033  
EPA accepted: \_\_\_/\_\_\_/\_\_\_  
Initial printing.

# Supplemental Labeling



Dow AgroSciences LLC

9330 Zionsville Road

Indianapolis, IN 46268-1054 USA

## Entrust<sup>®</sup>

EPA Reg. No. 62719-282

### Foliar Insect Control in Dates

#### ATTENTION

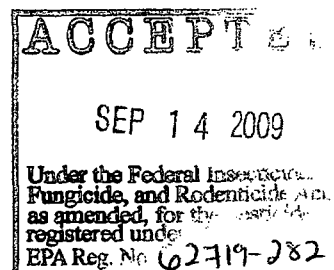
- It is a violation of Federal law to use this product in a manner inconsistent with its labeling.
- This labeling must be in the possession of the user at the time of application.
- Read the label affixed to the container for Entrust<sup>®</sup> Naturalyte<sup>®</sup> insect control before applying. Carefully follow all precautionary statements and applicable use directions.
- Use of Entrust according to this supplemental labeling is subject to all use precautions and limitations imposed by the label affixed to the container for Entrust.

#### Directions for Use

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

#### Pests and Application Rates:

Pest	Entrust	
	(oz/acre)	Dilute Spray (oz/100 gal)
carob moth	2.5	0.83



#### Specific Use Directions:

**Application Timing:** Apply Entrust as a foliar spray when pests appear or in accordance with local conditions. Apply as a concentrate or dilute spray using conventional, power operated spray equipment ensuring good coverage (see Orchard Spraying section under Application section on 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.

**Spray Volume:** Dilute sprays are sprayed to the point of runoff. The application rate for dilute sprays in the table is based upon a spray volume of 300 gallons per acre. Gallonage of dilute sprays will vary depending upon tree size, density of canopy, stage of seasonal growth, and spacing in the orchard.

**Resistance Management:** Do not make more than 3 consecutive applications of Group 5 insecticides (spinetoram and spinosad) within a crop season. If additional treatments are required after 3 consecutive applications of Group 5 insecticides, rotate to another class of effective insecticides for at least one application. Consult your local Dow AgroSciences representative, extension specialist, certified crop advisor, or state agricultural experiment station for information on alternative effective products to use in your area. Do not make more than three sprays of Entrust for carob moth control.

#### Restrictions:

- **Preharvest Interval:** Do not apply within 7 days of harvest.
- Do not apply more than a total of 9 oz of Entrust (0.45 lb ai spinosad) per acre per year.

5/7

**Note:** This product is toxic to bees exposed to treatment for 3 hours following treatment and toxic to aquatic invertebrates. Refer to the Environmental Hazards section of the product label attached to the product container for required protective measures.

®Trademark of Dow AgroSciences LLC

R184-037

EPA accepted: \_\_/\_\_/\_\_

Initial printing.

6/7

# Supplemental Labeling



Dow AgroSciences LLC

9330 Zionsville Road

Indianapolis, IN 46268-1054 USA

## Entrust<sup>®</sup>

EPA Reg. No. 62719-282

### Foliar Insect Control in Tree Nuts and Pistachios

#### ATTENTION

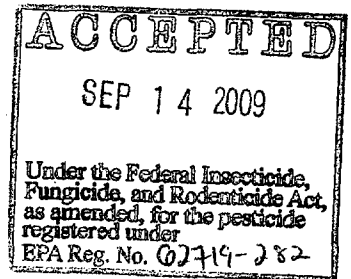
- It is a violation of Federal law to use this product in a manner inconsistent with its labeling.
- This labeling must be in the possession of the user at the time of application.
- Read the label affixed to the container for Entrust<sup>®</sup> Naturalyte<sup>®</sup> insect control before applying. Carefully follow all precautionary statements and applicable use directions.
- Use of Entrust according to this supplemental labeling is subject to all use precautions and limitations imposed by the label affixed to the container for Entrust.

#### Directions for Use

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

#### Pests and Application Rates:

Crops	Pests	Entrust	
		(oz/acre)	Dilute Spray (oz/100 gal)
almond	codling moth	1.25 - 3	0.3 - 0.75
cashew	fall webworm		
chestnut	filbert worm		
filbert (hazelnut)	hickory shuckworm		
macadamia nut	light brown apple moth		
pecan	navel orange worm		
pistachios	oblique banded leafroller		
walnut	peach twig borer		
	pecan nut casebearer		
	redhumped caterpillar		
	walnut husk fly		



#### Specific Use Directions:

**Application Timing:** Apply Entrust as either a dormant or a foliar spray when pests appear or in accordance with local conditions. Apply as a concentrate or dilute spray using conventional, power operated spray equipment (see Orchard Spraying section under Application). 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.

**Use of Crop Oils:** Crop oils labeled for agricultural use may be added to the dormant spray solution for suppression of overwintering mites and scale insects. Consult specific oil labels and University of California recommendations for precautions and restrictions regarding the use of oils in nut and fruit trees.

**Application Rate:** The rate per acre of Entrust will depend upon tree size and volume of foliage present and pest pressure. Choose a higher rate for large trees or heavy infestations.

7/7

**Spray Volume:** Dilute sprays are sprayed to the point of runoff. The application rate range in the table is based on a spray volume of 400 gallons per acre. Gallonage of dilute sprays will vary depending on tree size, density of canopy, stage of seasonal growth, and spacing in the orchard.

**Resistance Management:** Do not make more than 3 consecutive applications of Group 5 insecticides (spinetoram and spinosad) within a crop season. If additional treatments are required after 3 consecutive applications of Group 5 insecticides, rotate to another class of effective insecticides for at least one application. Consult your local Dow AgroSciences 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 more than 3 sprays targeted at leafrollers per season.

**Restrictions:**

- **Preharvest Interval:** Do not apply within 1 day of harvest of all tree nuts and pistachios. **Note:** The 1-day PHI for all tree nuts and pistachios supercedes the previous PHI of 14 days.
- **Minimum Treatment Interval:** Do not make applications less than 7 days apart.
- Do not apply more than a total of 9 oz of Entrust (0.45 lb ai spinosad) per acre per crop.

**Note:** This product is toxic to bees exposed to treatment for 3 hours following treatment and toxic to aquatic invertebrates. Refer to the Environmental Hazards section of the product label attached to the product container for required protective measures.

®Trademark of Dow AgroSciences LLC  
R184-027  
EPA approved: \_\_\_/\_\_\_/\_\_\_  
Initial printing.



21

**NEXT**

**LABEL**

62719-282

09/14/2009

1/3



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

OFFICE OF  
PREVENTION, PESTICIDES  
AND TOXIC SUBSTANCES

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

SEP 14 2009

Subject: Delegate WG, EPA Reg. No. 62719-541 Supplemental Labels for stone fruits  
Entrust, EPA Reg. No. 62719-282 Supplemental Labels for stone fruits  
Success, EPA Reg. No. 62719-292 Supplemental Labels for stone fruits  
Date of Registrant Submission: March 4, 2009  
Decisions: 406877, 406878, 406879

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 cursive script, appearing to read "Kimberly Nesci".

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

Enclosures: Copy of Labels Stamped "Accepted"  
HED Memo 9/2/09, "Spinosad/Spinetoram. Reduction in the Peach Preharvest Interval from 14 days to 1 day. Summary of Analytical Chemistry and Residue Data."

# Supplemental Labeling



Dow AgroSciences LLC 9330 Zionsville Road Indianapolis, IN 46268-1054 USA

## Entrust<sup>®</sup>

EPA Reg. No. 62719-282

### Foliar Insect Control in Stone Fruits<sup>†</sup>

**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 Entrust<sup>®</sup> Naturalyte<sup>®</sup> insect control before applying. Carefully follow all precautionary statements and applicable use directions.
- Use of Entrust according to this supplemental labeling is subject to all use precautions and limitations imposed by the label affixed to the container for Entrust.

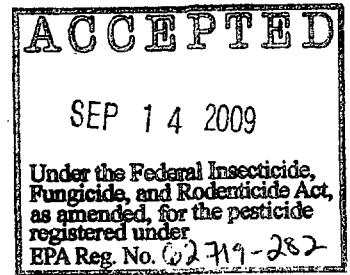
### Directions for Use

<sup>†</sup>Stone fruits including, but not limited to: apricot, cherries, nectarine, peach, plum, prune

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

#### Pests and Application Rates:

Pests	Rate of Entrust	
	(oz/acre)	Dilute Spray (oz/100 gal)
cherry fruit fly (such as black cherry, eastern cherry, western cherry fruit fly) (suppression)	1.25 – 2.5	0.42 – 0.83
green fruitworm		
lepidopteran leafminers <sup>1</sup> (such as spotted tentiform, western tentiform)		
leafrollers (such as oblique-banded fruit tree pandemis redbanded variegated)		
oriental fruit moth		
peach twig borer		
thrips <sup>1</sup>		



<sup>1</sup>Control of leafminers and thrips may be improved by addition of an adjuvant to the spray mixture. See Use of Adjuvants section under Mixing.

#### Specific Use Directions:

**Application Timing:** Peach twig borer applications can be made dormant, delayed dormant, or as summer sprays. Optimal timing for lepidopteran leafminers and leafrollers may vary between species and geographic location. For lepidopteran leafminers, monitor the moth flights and infestation densities of both the sap-feeding and tissue-feeding stages, but for optimal control, treat before significant tissue-feeding miners are observed. For leafrollers, monitor the moth flights and the infestation densities of the

larval stages and re-treat as necessary to maintain control; thorough coverage is necessary for optimal control. For **cherry fruit fly, western cherry fruit fly and related species**, maintain protective sprays at 7-days intervals while adults are present and fruit is susceptible to attack. For **oriental fruit moth**, no more than 10 days of residual control can be expected. If longer residual is required, make a second application of Entrust or other insecticide labeled for Oriental fruit moth. For **thrips**, a 3- to 4-day re-treatment schedule may be necessary at flowering. After flowering, a 5- to 7-day re-treatment schedule may be followed. For all pests, consult with your Dow AgroSciences representative, state agricultural experiment station, certified pest control advisor or extension specialist for specific application timings in your area.

**Application Rate:** Choose a higher rate in the rate range for large trees, heavy infestations, or advanced growth stages of target pest, especially if spray volume or coverage is marginal.

**Spray Volume:** Dilute sprays are sprayed to the point of runoff. The application rate range in the table is based on a spray volume of 300 gallons per acre. Gallonage of dilute sprays will vary depending on tree size, density of canopy, stage of seasonal growth, and spacing in the orchard.

**Restrictions:**

- Do not apply more than 9 oz of Entrust (0.45 lb ai of spinosad) per acre per year.
- **Preharvest Interval:** Do not apply within 14 days of harvest for apricots, within 7 days of harvest for cherries, plums, prunes and other stone fruit crops, or within 1 day of harvest for nectarines and peaches. **Note:** The 1-day PHI for peaches supercedes the previous PHI of 14 days.

**Note:** This product is toxic to bees exposed to treatment for 3 hours following treatment and toxic to aquatic invertebrates. Refer to the Environmental Hazards section of the product label attached to the product container for required protective measures.

®Trademark of Dow AgroSciences LLC

R184-023

EPA accepted: \_\_/\_\_/\_\_

Replaces R184-001.