

62719-282

02/03/2010

117



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

FEB 3 2010

Subject: Agency initiated action for Entrust, EPA Reg. No. 62719-282
Supplemental Labels for pomegranate; tree nuts and pistachios; dates
Decision: 400735

Dear Dr. Racke:

The Agency recently became aware of minor discrepancies between Entrust supplemental labels for use on pomegranate, tree nuts and pistachios, and dates (stamped September 14, 2009 and September 23, 2009). In order to clear up any confusion that may arise for the products' users, the Agency is stamping 3 new supplemental labels, one for each of the uses abovementioned uses, to supersede both previously stamped labels.

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. In addition, please incorporate the uses and use directions from these supplemental labels into any proposed product labeling you submit to the Agency henceforth. Stamped copies of the supplemental labels 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 II
Insecticide Branch
Registration Division (7505P)

Enclosures: Copy of pomegranate; tree nuts and pistachios; and dates labels stamped "Accepted"

2/7

Supplemental Labeling



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

Entrust[®]

EPA Reg. No. 62719-282

Foliar Insect Control in Tree Nuts and Pistachios

ATTENTION

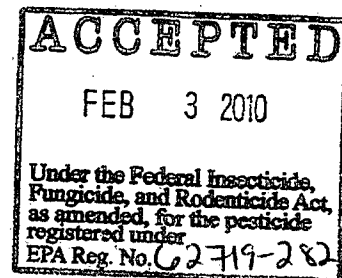
- It is a violation of Federal law to use this product in a manner inconsistent with its labeling.
- This labeling must be in the possession of the user at the time of application.
- Read the label affixed to the container for Entrust[®] Naturalyte[®] insect control before applying. Carefully follow 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.

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.

4/7

Supplemental Labeling



Dow AgroSciences LLC

9330 Zionsville Road

Indianapolis, IN 46268-1054 USA

Entrust[®]

EPA Reg. No. 62719-282

Foliar Insect Control in Pomegranate

ATTENTION

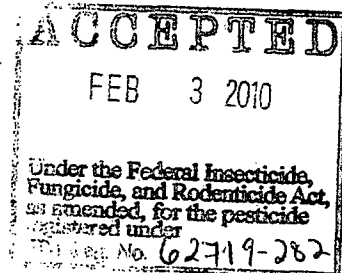
- It is a violation of Federal law to use this product in a manner inconsistent with its labeling.
- This labeling must be in the possession of the user at the time of application.
- Read the label affixed to the container for Entrust[®] Naturalyte[®] insect control before applying. Carefully follow 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	1.25 – 2.5	0.42 – 0.83
filbert moth		
leafrollers (such as oblique-banded omnivorous fruit tree pandemis redbanded variegated)		
light brown apple moth		
navel orangeworm		
oriental fruit moth		
peach twig borer		
thrips ¹		
western cherry fruit fly		



¹Control 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. 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.

5/7

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 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.
- **Minimum Treatment Interval:** 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.
- 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

R184-042

EPA accepted: ___/___/___

Replaces R184-033

6/7

Supplemental Labeling



Dow AgroSciences LLC

9330 Zionsville Road

Indianapolis, IN 46268-1054 USA

Entrust[®]

EPA Reg. No. 62719-282

Foliar Insect Control in Dates

ATTENTION

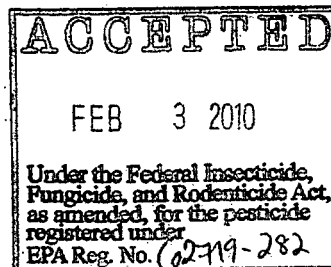
- It is a violation of Federal law to use this product in a manner inconsistent with its labeling.
- This labeling must be in the possession of the user at the time of application.
- Read the label affixed to the container for Entrust[®] Naturalyte[®] insect control before applying. Carefully follow 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.
- **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 year.

7/7

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

R184-043

EPA accepted: __/__/__

R184-037.