



## UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

WASHINGTON, D.C. 20460

DEC 1 2008

Kenneth Racke, Ph. D.  
Regulatory Leader  
Dow AgroSciences LLC  
9330 Zionsville Road  
Indianapolis, IN 46268-1054

Subject: Supplemental Label: Revised application method allowing use with petroleum oils on citrus fruit as it appears on the Lorsban 4E EPA Reg. No. 62719-220.  
EPA Reg. No. 62719-591  
Lorsban Advanced  
Submission dated August 26, 2008

Dear Dr. Racke:

The supplemental labeling referred to above is acceptable with the following comments:

- 1) On page 2 under Specific Use Restriction change "should" to "must". The sentence would then read "Lorsban Advanced is highly toxic to bees exposed to direct treatment and **must** not be applied when bees are actively visiting the area". This correction must also be applied to your "me too" label EPA Reg. No. 62719-220 page 24 and to the corresponding section 3 label.
- 2) On page 2 change the maximum a.i. application rate of 7.51 to 7.04 and revise the restriction to "Do not apply more than 7.04 lb ai per acre per year" as it appears on page 38 of the corresponding section 3 label.

A stamped copy "accepted with comments" of the supplemental label is enclosed for your records. At your next label printing, or within eighteen months of the date of this letter, whichever occurs first, you must incorporate this supplemental labeling into the main product labeling. If you have any questions please call me at (703) 308-8328.

Sincerely yours,

A handwritten signature in black ink that reads "Akiva Abramovitch".

Akiva Abramovitch, Ph. D. Chemist  
Insecticide/Rodenticide Branch  
Registration Division (7505P)

# Supplemental Labeling



Dow AgroSciences LLC

9330 Zionsville Road

Indianapolis, IN 46268-1054 USA

## RESTRICTED USE PESTICIDE

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.

# Lorsban<sup>®</sup> Advanced

EPA Reg. No. 62719-591

**Insect Control for Citrus Fruits<sup>1</sup>**  
(Not for Use or Distribution in the State of Mississippi)

**ACCEPTED**  
**with COMMENTS**  
**In EPA Letter Dated:**  
DEC 1 2008

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act,  
as amended, for the pesticide  
registered under EPA Reg. No.

62719-591

### 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 Lorsban<sup>®</sup> Advanced insecticide before applying. Carefully follow all precautionary statements and applicable use directions.
- Use of Lorsban Advanced according to this supplemental labeling is subject to all use precautions and limitations imposed by the label affixed to the product container.

### Directions for Use

<sup>1</sup>Citrus fruits including calamondin, chironja, citrus citron, citrus hybrids, grapefruit, kumquat, lemon, lime, mandarin (tangerine), pummelo, satsuma mandarin, sour orange, sweet orange, tangelo, tangor

Refer to product label for Lorsban Advanced for Use Precautions and Restrictions, Mixing and Application instructions.

Apply as a concentrate or dilute spray using conventional, power-operated spray equipment. Use a higher rate in rate range when there is increased pest pressure. Use sufficient water to ensure thorough and complete coverage of the foliage and fruit. For dilute sprays (greater than 200 gpa), use a spray concentration of at least 0.5 pints of Lorsban Advanced per 100 gallons of finished spray. Complete coverage is not necessary for outside canopy sprays targeting certain pests such as lepidoptera insects and katydids. Treat when pests become a problem or in accordance with the local spray schedule as recommended by your State Agricultural Experiment Station, certified Pest Control Advisor, or Extension Service Specialist. To avoid excessive ridging, do not apply Lorsban Advanced to citrus from December 1 up to the initiation of bloom.

**Use of Spray Oils:** To improve control of aphids, mealybugs, scale insects, and thrips, a petroleum spray oil recommended for use on citrus trees may be added to spray mixtures at up to 1 gallon per 100 gallons of spray.

Target Pests	Lorsban Advanced (pint/acre)	
aphids (including brown citrus aphid) glassywinged sharpshooter grasshoppers (1) katydids lepidopterous larvae (such as: avocado leafroller, cutworms, fruit tree leafroller, orange dogs, orange tortrix, western tussock moth)	mealybugs (see below for California and Arizona) scale insects (such as: black scale, brown soft scale, chaff scale, California red scale (see below for California and Arizona), Florida red scale, long scale, purple scale and snow scale) thrips (see below for California and Arizona)	2 - 7
citrus rust mites (2) (Florida only)		4 - 7
citrus psylla (3) (Florida only)		5
thrips suppression and mealybugs (California and Arizona, see restrictions)		6 - 12
California red scale (California and Arizona, see restrictions)		8 - 12

Numbers in parentheses (-) refer to Pest-Specific Use Directions.

**Pest-Specific Use Directions:**

1. **Lubber grasshoppers:** Effective control requires direct contact with spray when grasshoppers are small (less than 1 inch in length).
2. For control of **citrus rust mites**, use a spray concentration of at least 1 pint of Lorsban Advanced per 100 gallons.
3. For control of **citrus psylla**, add citrus oil at 2% v/v in a tank mix with Lorsban Advanced.

**Specific Use Precautions:**

- Observe local recommendations for tank mix combinations especially with regard to use of Lorsban Advanced with spray oil. Consult with a county farm advisor, county agency, extension service personnel, agricultural commissioner, pest control advisor, or local Dow AgroSciences representative for local recommendations.
- Do not apply when trees are stressed by drought or high temperatures.
- Lorsban Advanced is highly toxic to bees exposed to direct treatment and should not be applied when bees are actively visiting the area. During the citrus bloom period in California, apply from 1 hour after sunset until 2 hours before sunrise.
- Lorsban Advanced should not be used in combination with spray oil when temperatures are expected to exceed 95°F on the day of application or for several consecutive days thereafter.

**Specific Use Restrictions:**

- **Preharvest Interval:** Do not apply within 21 days of harvest for applications of up to 7 pints of Lorsban Advanced per acre or within 35 days for application of rates above 7 pints per acre.
- **Worker Restricted Entry Interval:** Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 5 days unless PPE required for early entry is worn.
- Do not apply more than 16 pints of Lorsban Advanced (7.51 lb ai chlorpyrifos) per acre per year.
- Do not make more than 2 applications of Lorsban Advanced or other products containing chlorpyrifos per year (does not include citrus orchard floors).
- Do not make second foliar application of Lorsban Advanced or other product containing chlorpyrifos within 30 days of the first application.
- The use of application rates greater than 8.5 pints of Lorsban Advanced (4 lb ai chlorpyrifos) per acre are allowed only in the following counties in California: Fresno, Tulare, Kern, Kings, and Madera.
- Do not allow meat or dairy animals to graze in treated areas.

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R368-005

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

Initial printing.