

FEB 25 1994

Mr. Robert F. Bischoff  
DowElanco  
9330 Zionsville Road  
Indianapolis, Indiana 46268-1054

Subject: Revised (Supplemental) Labeling--Addition of Citrus  
Lorsban 50W Insecticide in Water Soluble Packets  
EPA Registration Number 62719-221  
Your Amendment Application Dated February 16, 1993

Dear Mr. Bischoff:

The amendment referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), sec. 3(c)(7)(A), is acceptable provided that you:

1. Submit and/or cite all data required for registration/reregistration of your product under FIFRA sec. 3(c)(5) when the Agency requires all registrants of similar products to submit such data.

2. Make the following labeling change before you release the product for shipment bearing the amended labeling:

On the second page of the supplemental labeling, in the Use and Dosage Recommendations table, in the section for California/Arizona, thrips/mealybugs, revise the dilute spray volume gallons per acre from "50-750" to "100-750."

3. Submit five (5) copies of your final printed labeling before you release the product for shipment.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec.

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6(e). Your release for shipment of the product bearing the amended labeling constitutes acceptance of these conditions.

A stamped copy of the labeling is enclosed for your records. We have also enclosed a copy of the reviewer's report for your information.

Sincerely yours,

DHE

Dennis H. Edwards, Jr.  
Product Manager (19)  
Insecticide Rodenticide Branch  
Registration Division (7505C)

Enclosures

# Supplemental Labeling

FEB 25 1994

Under the Federal Insecticide,  
Fungicide, and Rodenticide  
Act, amended, for the purpose  
registered under EPA Reg. No. 62719-221



**DowElanco**

DowElanco

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Indianapolis, Indiana 46268-1189 USA

## **Lorsban\* 50W Insecticide in Water Soluble Packets EPA Reg. No. 62719-221**

### **For Control of Insect Pests Infesting Citrus**

#### **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 50W insecticide in water soluble packets before applying. Carefully follow all precautionary statements and applicable use directions.
- Use of Lorsban 50W according to this supplemental labeling is subject to all use precautions and limitations imposed by the label affixed to the container for Lorsban 50W insecticide in water soluble packets.

#### **Directions for Use**

Use Lorsban 50W at the rates indicated for specific pests according to directions for designated geographic areas. Use the lower rates for light infestations and increase the dosage for heavier infestations.

Where recommended, a petroleum spray oil approved for use on citrus trees may be added to dilute spray mixtures at a rate of up to 1.8 gallons per 100 gallons of finished spray to improve control of aphids, mealybugs, scale insects, and thrips (see Mixing Directions). Treat when insects become a problem or in accordance with the local spray schedule recommended by your state extension service specialist.

Lorsban 50W may be applied in tank mixtures with ethion, dicofol, Agri-Mek, or Vendex. See "Mixing Directions" for further instructions. Read and carefully follow all applicable directions, restrictions and precautions on labeling of products used in combination with Lorsban 50W.

#### **Mixing Directions:**

1. Fill the spray tank one-third full of water and start agitation.
2. Add the required number of Lorsban 50W water soluble packets to the spray tank.
3. Complete filling the spray tank and agitate until packets dissolve and Lorsban 50W is completely dispersed.
4. Wait until packets have dissolved and Lorsban is completely dispersed before adding other tank mix ingredients, especially petroleum spray oil.
5. Maintain sufficient agitation during mixing and application to ensure uniformity of the spray mixture.

**Note:** See "Mixing Directions" section in main product label for further instructions.

#### **Precautions**

Observe local use recommendations for tank mix combinations especially in regard to application of Lorsban 50W plus spray oil. Consult with a county farm advisor, county agency, extension service personnel, agricultural commissioner, pest control advisor, or local DowElanco representative for information applicable to your local area.

Do not apply with liquid fertilizer or oil as a carrier.

Do not apply when trees are stressed by drought or high temperatures.

Lorsban 50W is highly toxic to bees exposed to direct treatment and should not be applied when bees are actively visiting the area. During the bloom period in California and Arizona, apply from one hour after sunset until two hours before sunrise.

### Restrictions

Do not apply more than 2 applications or more than 15 pounds of Lorsban 50W per acre per year.

Do not make a second foliar application within 30 days after the first application.

Do not treat within 21 days of harvest for applications up to 7 pounds of Lorsban 50W per acre or within 35 days of application of rates above 7 pounds per acre.

Do not allow livestock to graze in treated areas.

Do not do any work involving contact with treated trees within 2 days after treatment.

### Use and Dosage Recommendations

| Crop   | Geographic Location   | Pest  | Dosage of Lorsban 50W (lb/acre)          | Dilute Spray Volume (gal/acre) | Remarks   |
|--|-----------------------|---|--|--------------------------------|---|
| grapefruit, lemon, orange, and other citrus fruit  | California<br>Arizona | aphids<br>katydids<br>Lepidopterous larvae<br>avocado leafroller<br>cutworms<br>fruit tree leafroller<br>orange tortrix<br>western tussock moth   | 2 - 4<br>(two to four 1 lb packets)      | ground:<br>100 - 750           | Do not use a spray concentration of Lorsban 50W of less than 1/2 lb per 100 gal of finished spray.<br><br>Additional Precautions for California and Arizona: Lorsban 50W should not be used in combination with spray oil when temperatures are expected to exceed 95°F for several consecutive days after treatment. |
|  |                       | scale insects<br>black scale<br>brown soft scale<br>California red scale  | 8 - 12<br>(eight to twelve 1 lb packets) | 100 - 2400                     |   |
|  |                       | thrips (suppression)<br>mealybugs   | 6 - 12<br>(six to twelve 1 lb packets)   | 50 - 750                       | Do not apply during the months of December, January and February.   |
| grapefruit, lemon, orange, and other citrus fruit  | Florida               | aphids<br>grasshoppers†<br>orange dogs<br>mealybugs<br>scale insects<br>snow scale<br>Florida red scale<br>purple scale<br>long scale<br>chaff scale<br>black scale<br>brown soft scale | 2 - 7<br>(two to 7 1 lb packets)         | 100 - 1400                     | Do not use a spray concentration of Lorsban 50W of less than 1/2 pound per 100 gal of water per acre.   |
|  |                       | citrus rust mites   | 4 - 7<br>(four to seven 1 lb packets)    | 100 - 700                      | Do not use a spray concentration of Lorsban 50W of less than 1 pound per 100 gal of water per acre.   |
| †Lubber grasshoppers must be controlled when they are small (less than 1 inch in length) by direct contact with the spray. |                       |   |  |                                |   |

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| Crop   | Geographic Location | Pest   | Dosage of Lorsban 50W (lb/acre)                   | Dilute Spray Volume (gal/acre) | Remarks  |
|--|---------------------|--|---|--------------------------------|--|
| grapefruit, lemon, orange, and other citrus fruit                          | Texas               | aphids<br>cutworms<br>katydids<br>mealybugs<br>scale insects<br>barnacle scale<br>black scale<br>brown soft scale<br>California red scale<br>chaff scale | 4 - 7<br>(four to seven 1 lb packets)             | 200 - 700                      | Do not use less than 1 lb of Lorsban 50W per 100 gal of finished spray in dilute applications. |
|  |                     | citrus rust mite (suppression)   | 4 - 7<br>(four to seven 1 lb packets)             | 200 - 700                      |  |
| small transplanted grapefruit, lemon, orange, and other citrus fruit trees | Texas               | aphids<br>cutworms<br>katydids<br>mealybugs<br>scale insects<br>brown soft scale<br>California red scale<br>chaff scale                                  | maximum of 7<br>(no more than seven 1 lb packets) | (see Remarks)                  | Apply Lorsban 50W at a rate of 1 oz/1 gal of water with a backpack sprayer. Apply to runoff.   |

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\*Trademark of DowElanco

(Label code) Approved \_\_\_/\_\_\_/\_\_\_  
Initial Printing.

## Amendments:

- 1) Adds control of insect pests infesting citrus to uses for Lorsban 50W Insecticide In Water Soluble Packets.