

OCT 13 1993

Mr. Robert F. Bischoff
DowElanco
Quad IV--9002 Purdue Road
Indianapolis, Indiana 46268-1189

Subject: Revised (Supplemental) Labeling--Strawberries
Lorsban 4E-HF
EPA Registration Number 62719-220
Your Application Dated September 24, 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. 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. 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.

Sincerely yours,

DHE

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

Enclosure

U.S. Crop Production

Supplemental Labeling



DowElanco

Quad IV, 9002 Purdue Road

P.O. Box 681428

Indianapolis, Indiana 46268-1189 USA

Lorsban* 4E-HF Insecticide (EPA Reg. No. 62719-220)

Revised Use Directions for Strawberries

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 4E-HF insecticide before applying. Carefully follow all precautionary statements and applicable use directions.
- Use of Lorsban 4E-HF according to this supplemental labeling is subject to all use precautions and limitations imposed by the label affixed to the container for Lorsban 4E-HF.

Directions for Use

Preplant Soil Incorporated Treatment for Grub Control: Lorsban 4E-HF may be applied as a preplant soil incorporated treatment for grub control in strawberries. Apply Lorsban 4E-HF at 2 quarts per acre in sufficient water to ensure uniform soil coverage and incorporate into the soil.

Foliar Application for Strawberry Bud Weevil Control: Lorsban 4E-HF may be applied as a broadcast foliar spray for strawberry bud weevil control in strawberries. Apply at a rate of 1 quart per acre in a minimum spray volume of 40 gallons per acre. Make applications when buds first appear and again 10 to 14 days later.

Precautions:

- Do not apply after berries start to form or when berries are present.
- Do not tank mix Lorsban 4E-HF with other pesticides, surfactants, or fertilizer formulations unless prior use has shown the combination to be noninjurious under intended conditions of use. Phytotoxicity may occur when Lorsban 4E-HF is applied to strawberries under conditions of high temperature and drought stress.

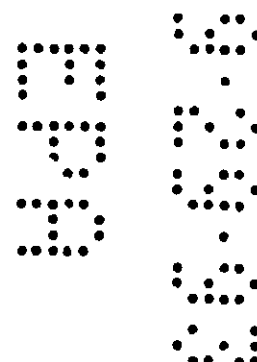
Restrictions: For pre-bloom use only. Do not make more than one preplant and two foliar applications per season or apply within 21 days before harvest.

ACCEPTED
with COMMENTS
In EPA Letter Dated

OCT 13 1993

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

62719-220



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122-XX-XXX Approved __/__/__
Initial printing.

Supplemental Labeling



DowElanco

Quad IV, 9002 Purdue Road

P.O. Box 681428

Indianapolis, Indiana 46268-1189 USA

Lorsban* 4E-HF Insecticide (EPA Reg. No. 62719-220)

Application With Dry Bulk Fertilizers To Control Red Imported Fire Ant And Other Ant Species On Citrus Orchard Floors (For Distribution and Use Only in the State of Florida)

ATTENTION

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- This labeling must be in the possession of the user at the time of application.
- Read the label affixed to the container for Lorsban 4E-HF insecticide before applying. Carefully follow all precautionary statements and applicable use directions.
- Use of Lorsban 4E-HF according to this supplemental labeling is subject to all use precautions and limitations imposed by the label affixed to the container for Lorsban 4E-HF.

Directions for Use

To control foraging ants and suppress mounds, apply Lorsban 4E-HF to the orchard floor at the rate of 1 1/2 to 2 pints per acre. Retreat as needed. For best insect control, uniform coverage of the orchard floor is necessary. Dry fertilizers or fertilizer blends impregnated with Lorsban 4E-HF may be used for treatment of citrus orchard floors. Uniform application of fertilizer is necessary to insure optimum results.

For impregnating Lorsban 4E-HF on dry fertilizers, use a closed rotary drum mixer equipped with suitable spraying equipment. The spray nozzle should be positioned inside the mixer to provide uniform spray coverage of the tumbling fertilizer. Apply Lorsban 4E-HF at the rate of 1 1/2 to 2 pints per acre to control ants in citrus orchard floors. The maximum concentration of Lorsban 4E-HF to be added is 2 pints per 200 pounds of fertilizer and the minimum concentration is 2 pints per 500 pounds of fertilizer. At the higher concentration of Lorsban 4E-HF, the fertilizer may not readily absorb all of the liquid. For a suitable free-flowing mixture, an absorptive powder such as Micro-Cel E should be added separately and uniformly to the fertilizer blend following addition of Lorsban 4E-HF. Bulk fertilizers impregnated with Lorsban 4E-HF should be applied immediately, **not stored**. All bulk containers should be tightly covered while the products are being transported and applied to reduce the chance of loss of Lorsban 4E-HF via volatilization.

Compliance with any and all federal and state laws and regulations relating to the Lorsban 4E-HF and fertilizer mixture is the responsibility of the person offering such mixture for sale or distribution.

Refer to label for Lorsban 4E-HF for additional application methods for orchard floors.

Foliar applications of Lorsban 4E-HF may be made in addition to the orchard floor treatments.

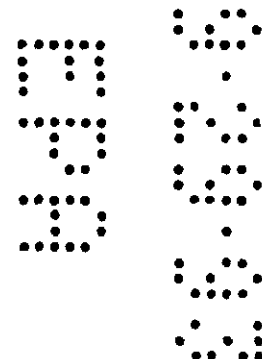
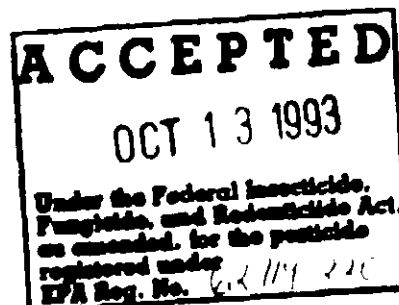
Restrictions:

- Do not apply last treatment within 28 days before harvest.
- Do not allow livestock to graze in treated areas.
- Do not apply more than 3 quarts per acre per season.

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Initial printing.



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