

04 MAR 1993

Mr. John Van Diest  
Van Diest Supply Co.  
Old Hwy. 20 W.  
P.O. Box 610  
Webster City, IA 50595-1610

Dear Mr. Van Diest:

Subject: Cornbelt 4 lb. Lo Vol Ester  
EPA Registration No. 11773-3  
Application Dated January 5, 1993  
Request To Amend Product Registration  
by Adding use-Pattern for Minimum Till  
Use in Culture of Soybeans; and Your Letter  
Dated February 23, 1993 with Revised Certification  
with Respect to Citation of Data

The proposed amendment to add "no-till" or minimum till use of this product in the culture of soybeans is conditionally accepted under section 3(c)(7)(B) of the Federal Insecticide, Fungicide Act (FIFRA) as amended, with an expiration date of December 31, 1995, and based on a permissible level of residues of the active ingredient 2,4-D of 0.1 part per million. In addition, during the period that this amendment is in effect, it will be subject to the conditions listed below:

1. To maintain your registration, the following data must be submitted to this Agency by the Industry Task Force II for 2,4-D Research Data:
  - a. Residue chemistry data from studies using proposed and exaggerated rates with the ester formulation, conducted in seven (7) states of TN, AR, IL, IN, MN, MO and either MS or LA; due before January 31, 1994.
  - b. Bridging studies with the ester and amine formulations conducted in three (3) locations, likely IL, MN, and MS or LA; due before January 31, 1994.

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- c. Data from plant metabolism studies in three representative, dissimilar crops; due before January 31, 1994
  - d. Data from animal metabolism studies (poultry and ruminants) as outlined in the Residue Chemistry Chapter of the 2,4-D Registration Standard; due before January 31, 1994
  - e. Adequate storage stability data for all analyses must be submitted before January 31, 1994.
2. Submit/cite all data required for registration/regrgistration of your product under FIFRA section 3(c)(5) when the Agency requires all registrants of similar products to submit such data.
  3. Submit production information (pounds or gallons produced) for the product for the fiscal year in which this use is conditionally registered, in accordance with FIFRA section 29. The fiscal year begins October 1 and ends September 30. The product information will be submitted to the Agency no later than November 15, following the end of the preceding fiscal year. The production information must be submitted to:
 

Registration Support Branch  
 Registration Division (H7505C)  
 Office of Pesticide Programs  
 US Environmental Protection Agency  
 Washington, DC 20460
  4. Revise the proposed labeling by placing the violation statement directly under the heading "Directions for Use".
  5. Under "Precautions and Restrictions", Livestock must (not should) be restricted from feeding/grazing of the treated cover crops.
  6. Submit an updated Confidential Statement of Formula, using EPA Form 8570-4. Follow PR Notice 91-2 in regard to upper and lower limits.
  7. Submit one (1) copy of your final printed labeling before you release the product for shipment. If this condition is not complied with, the registration will be subject to cancellation in accordance with FIFRA, section 6(a). Your release for shipment of the product constitutes acceptance of this condition.

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You should note that if you or others fail to satisfy any of the conditions imposed on this registration, e.g., the Industry Task Force II for 2,4-D Research Data fails to submit the required data by the specified deadlines or the data submitted are not generated in accordance with EPA guidelines, EPA may issue a notice to cancel this amendment under FIFRA section 6(e).

You should also note that, regardless of whether you satisfy all applicable conditions, this conditional registration will expire automatically on December 31, 1995. Sale and distribution of the subject product bearing labeling for this use on reduced or no-tillage soybeans (pre-plant only) covered under this amendment after December 31, 1995 will be illegal. The tolerance authorizing residues of the subject product in or on soybeans will also expire automatically, two (2) years after the date published in the FEDERAL REGISTER. After that date, sale or distribution of the raw agricultural commodity, soybeans will be a violation of the Federal Food and Drug, and Cosmetic Act.

After the final required data have been submitted and a permanent tolerance established for the residues of 2,4-D resulting from this use, EPA will entertain an application to amend the registration under section 3(c)(5) of FIFRA as amended without any special limitation on the duration of the amended registration.

A stamped copy of the labeling is enclosed for your records.

Sincerely yours,

Joanne I. Miller  
Product Manager 23  
Fungicide-Herbicide Branch  
Registration Division (H-7505C)

Enclosure

E.Wilson:Diskette#2,4-D-1:03:02:93

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VAN DIEST SUPPLY CO.  
Webster City, Iowa 50595

Rec 3-2-93 4 of 5  
RL - See X's  
St. Wilson

SUPPLEMENTAL LABELING - CORNBELT 4 LB. LOVOL ESTER (EPA Reg. No. 11773-3)

For Use In Crop Residue Management Systems in Soybeans  
(Preplant Application Only)

**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 Cornbelt 4 Lb. LoVol Ester herbicide before applying. Carefully follow all precautionary statements and applicable use directions.
- Use of Cornbelt 4 Lb. Lo Vol Ester herbicide according to this supplemental labeling is subject to all use precautions and limitations imposed by the label affixed to the product container and this supplemental labeling.

DIRECTIONS FOR USE

General Information

Cornbelt 4 Lb. LoVol Ester herbicide may be used for postemergence control of many susceptible annual and perennial broadleaf weeds. This product may be applied prior to planting soybeans to provide foliar burn-down control of susceptible annual and perennial broadleaf weeds and certain broadleaf cover crops such as those listed on this label. Make only preplant applications to emerged weeds prior to planting soybeans grown in reduced tillage production systems. Apply only according to instructions given below.

Do not use any tillage operations between herbicide application and planting of soybeans.

Mixing Instructions

Compatible crop oil concentrates, agricultural surfactants and fluid fertilizers approved for use on growing crops may be added to spray mixtures to increase the herbicidal effectiveness of Cornbelt 4 Lb. LoVol Ester herbicide on certain weeds. Read and follow all directions and precautions on this label and on the label of each product added to the spray mixture.

Application Procedures

Apply using air or ground equipment in a spray volume sufficient to provide uniform coverage of weeds. Use 2 or more gallons of total spray volume per acre for aerial application and 10 or more gallons per acre for ground equipment.

Application Timing and Use Rates

ACCEPTED  
with COMMENTS  
EPA Letter Dated:

Product	Broadcast Application Rate	When To Apply (Days Prior to Planting Soybeans)
Cornbelt 4 Lb. LoVol Ester	1.0 pt/acre	Not less than 7 days
	2.0 pts/acre	Not less than 30 days

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Weeds Controlled

alfalfa*	geranium, Carolina	purslane, common
bindweed*	horseweed or marestail	ragweed, common
bullnettle	ironweed	ragweed, giant
bittercress, smallflowered	lambsquarters, common	shepherdspurse
buttercup, smallflowered	lettuce, prickly	smartweed, Pennsylvania*
cinquefoil, common and rough	morningglory, annual	sowthistle, annual
clover, red*	mousetail	speedwell
cocklebur, common	mustard, wild	thistle, Canada*
dandelion*	onion, wild*	thistle bull
dock, curly*	pennycress, field	velvetleaf
eveningprimrose, cutleaf	peppergrass*	vetch, hairy*
garlic, wild*	plantains	Virginia copperleaf

\*These weed species are only partially controlled.

For best weed control results, application should be made when weeds are small, actively growing and free of stress caused by temperature extremes, moisture stress, diseases, or insect damage. The control of individual weed species may be variable. Consult your local county agent or state agricultural extension specialist or crop consultant for advice.

Use Precautions and Restrictions

- . Important Notice: Unacceptable injury to soybeans planted in treated fields may occur. Whether or not soybean injury occurs and the extent of such injury will depend on weather (temperature and rainfall) from herbicide application until soybean emergence and agronomic factors such as the amount of weed vegetation and previous crop residue present at the time of application. Injury is more likely under cool rainy conditions and where there is less weed vegetation and crop residue present.
- . Do not use on sandy soils with less than 1.0% organic matter.
- . Do not make more than one application per season regardless of the application rate used.
- . Do not apply when weather conditions such as atmospheric temperature inversion or when wind direction favors drift from the treated area to susceptible plants.
- . Do not allow livestock grazing or harvest hay, forage or fodder from treated fields. Livestock should be restricted from feeding/grazing of treated cover crops. X
- . In treated fields, plant soybean seed as deep as practical, but not less than 1.0 inch deep. Adjust the planter, if necessary, to ensure that planted seed is adequately covered.
- . Do not apply Cornbelt 4 Lb. LoVol Ester herbicide as described in this supplemental labeling unless you are prepared to accept the results of soybean injury, including possible stand loss and/or yield reduction.
- . During the growing season following application, do not replant treated fields with crops other than those labeled for use with Cornbelt 4 Lb. LoVol Ester herbicide.

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