

US EPA ARCHIVE DOCUMENT

FILE COPY

10/25/83

Shaughnessy No.: 059101

Date Out of EAB: 250 1983

To: Jay Ellenberger
Product Manager 12
Registration Division (TS-767)

From: Richard V. Moraski, Head (acting)
Review Section 1
Exposure Assessment Branch
Hazard Evaluation Division (TS-769c)

R. V. Moraski

Attached please find the EFB review of...

Reg./File No.: 464-448

Chemical: Chlorpyrifos

Type Product: Insecticide

Product Name: Lorsban 4E

Company Name: Dow Chemical Co.

Submission Purpose: Label Amendment - Add use on Wheat

ZBB Code: 3(c)(7)

ACTION CODE: 335

Date In: 8/25/83

EFB # 3503

Date Completed: 10/25/83

TAIS (level II) Days

63 0.3

1.0 INTRODUCTION

The registrant, Dow, has requested an amendment to the Lorsban 4E label (Registration #464-448) to include use on Wheat to control a variety of pests.

2.0 STRUCTURE

See previous reviews.

3.0 DIRECTIONS FOR USE

Wheat: Use LORSBAN 4E for control of the following pests at the dosage indicated:

- Aphids and grasshoppers.....1/2 to 1 pint per acre;
- Armyworms.....1 to 2 pints per acre;
- Cutworms.....2 pints per acre.

Mix the required dosage with enough water to ensure thorough coverage of crop foliage and apply using aerial (fixed wing or helicopter) or power-operated ground spray equipment. For aerial application use at least 2 gallons of spray per acre. Treat when field counts indicate damaging insect populations are developing or present. Re-treat as necessary to maintain control.

Restrictions:

Do not apply more than 3 pints of LORSBAN 4E per acre per season. Do not apply closer than 28 days before harvest, and do not apply at rates higher than 1 pint per acre closer than 42 days before harvest. Do not allow livestock to graze or otherwise feed treated forage to livestock within 14 days of application. Do not feed straw from treated wheat within 28 days after application at the 1 pint rate or 42 days after application at rates higher than 1 pint per acre.

4.0 DISCUSSION OF DATA

No additional data were submitted. Existing EF data have been previously reviewed and found acceptable for these uses.

5.0 RECOMMENDATION

EAB concurs with the label amendment, as proposed.



Emil Regelman
Chemist
EAB/HED (TS-769c)
October 25, 1983