

US EPA ARCHIVE DOCUMENT

3/4/74

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ENVIRONMENTAL CHEMISTRY EVALUATION OF: Chlorpyrifos 0,0-diethyl 0-(3,5,6-trichloro-2-pyridyl) phosphorothioate
[Dursban, Lorsban]
PP4F1445, 464-LNR
Submitted by Dow Chemical Nov. 14, 1973

I. INTRODUCTION

1. This is the third environmental chemistry review for chlorpyrifos previous evaluations dated 2/15/73 and 5/18/73.
2. Applicant proposes the use of chlorpyrifos insecticide as a seed treatment for lima bean, snap bean and sweet corn, with proposed tolerances of 0.2 ppm in or on bean forage, 0.1 ppm (negligible residue) in or on fresh corn including sweet corn (kernels plus cobs with husk removed) and corn fodder and forage. 0.05 ppm (negligible residue) in or on lima beans and snap beans as combined residues of chlorpyrifos and its metabolite 3,5,6-trichloro-2-pyridinol.
3. Product name is Lorsban 25-SL.

II. DIRECTIONS FOR USE

Use 4 ounces of Lorsban 25-SL (1 ounce active ingredient) per 100 pounds of seed. Apply in 12-20 fluid ounces of slurry.

III. DISCUSSION OF DATA

1. No additional environmental chemistry data is submitted.

IV. CONCLUSIONS

1. No apparent environmental chemistry hazard from the proposed seed treatment use.

V. RECOMMENDATIONS

1. We can go along with registration.

Ronald E. Ney 3/4/74
R.W. Cook
ENVIRONMENTAL CHEMISTRY REVIEW
ECOLOGICAL EFFECTS BRANCH
FEB. 28, 1974

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