

US EPA ARCHIVE DOCUMENT

FILE COPY

Date Out EFB: JAN 30 1980

To: Product Manager Garner (23)
TS-767

Through: Dr. Gunter Zweig, Chief
Environmental Fate Branch

From: Review Section No. 1
Environmental Fate Branch



Attached please find the environmental fate review of:

Reg./File No.: 2139-EUP-23

Chemical Thidiazuron: (N-phenyl-N'-1,2,3-thiadiazol-5-ylurea)

Type Product: Defoliant

Product Name: DROPP Cotton Defoliant

Company Name: Nor-Am

Submission Purpose: Extension and expansion of EUP

EFB #372

Action Code 261

ZBB Code: Section 5

Date in: 01/28/80

Date Completed: ~~JAN 30 1980~~

Deferrals To:

_____ Ecological Effects Branch

_____ Residue Chemistry Branch

_____ Toxicology Branch

1. Introduction

Applicant requests the extension of current experimental use permit and expansion of the scope of the permit from 750 acres to 5000 acres, with the amount of material increased from 300 pounds to 2000 pounds (1000 pounds active ingredient). The product is to be used as a cotton defoliant.

2. Directions for Use

Apply 0.2 to 0.4 pounds of Dropp (containing 0.1 to 0.2 pounds active) per acre. Two applications not exceeding a total of 0.6 pounds of Dropp (0.3 pounds active) may be necessary to defoliate rank cotton. Preconditioning with 0.01 to 0.05 pounds Dropp per acre may aid in the defoliation process. Apply at least 14 days prior to anticipated picking. Do not allow spray drift to contact adjacent crops which may be injured by spray. Do not rotate to any crop other than cotton within 12 months of treatment.

3. Conclusions

The proposed label for the extension of the EUP bears an appropriate restriction for rotational crops.

4. Recommendations

EFB concurs with the extension of the current EUP and program.



R. W. Cook
Review Section #1
Environmental Fate Branch
Hazard Evaluation Division