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MAY 14 1979

Date Out EFB: MAY 14 1979

To: Product Manager Garner (23)
TS-767

Through: Dr. Gunter Zweig, Chief
Environmental Fate Branch

From: Review Section No. 1 RDFey
Environmental Fate Branch

Attached please find the environmental fate review of:

Reg./File No.: 707-EUP-94

Chemical: Acifluorfen(sodium 5-[2-chloro-4-(Triflyoromethyl)-phenxoy]-2-nitrobenzoate) (RH-6201)

Type Product: Herbicide

Product Name: Blazer 2 L

Company Name: Rohm and Haas

Submission Purpose: peanut use

ZBB Code: Sec. 5

Date in: 3/28/79

Date Completed: 5/14/79

Deferrals To:

☐ Ecological Effects Branch

☐ Residue Chemistry Branch

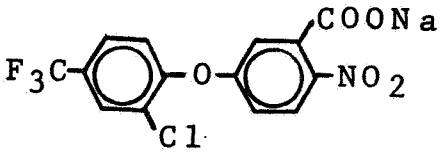
☐ Toxicology Branch

1. Introduction

Acifluorfen sodium salt
Sodium 5-[2-chloro-4-(trifluoromethyl)-phenoxy]-2-nitrobenzoate 20.4%

Trade Name: Blazer 2L Herbicide (formerly RH-6201). This formulation contains 2 pounds ai per gallon.

Chemical Formula:



The applicant request a one year crop destruct experimental use permit. The proposed study is for the use of 44 gallons on peanuts, covers 1 year, 8 states and involves 22 acres. Maximum active Blazer per acre 4 lbs. (2 lbs premergence plus 2 applications post of 1 lb. each). The objectives of the proposed program are 1) to collect residue information on peanuts which could be used to support the establishment of a tolerance in peanuts. 2) to collect efficacy/crop safety for Blazer 2L in peanut weed control.

2. Directions for Use

Apply 2 to 4 quarts (1 to 2 pounds ai) per acre in sufficient water to obtain uniform distribution and coverage of soil particles. Application should follow seedling. Do not incorporate Blazer in the soil. Dosage rate: Preemergence 1 to 2 lb. active per acre, postemergence 0.5 to 1.0 lb. active per acre.

3. Discussion

Review of data for registration purposes in progress.

5. Recommendations

EFB concurs in the proposed experimental use program for Blazer 2L. The fate in the environment is known for this use. The risk is small to a total of 22 acres.

Ronald E. Ney, Jr.

John R. Harris
Hazard Evaluation Division
Environmental Fate Branch