


Date Out EFB: JUL 22 1982

TO: Product Manager 25 Taylor
TS-767

FROM: Sam Creeger, 
Acting Chief
Review Branch No. 1
Environmental Fate Branch
Hazard Evaluation Division

Attached please find the environmental fate review of:

Reg./File No.: 7969-LO

Chemical: BAS 9052

Type Product: Herbicide

Product Name: Poast

Company Name BASF Wyandotte

Submission Purpose Add new use- ornamentals and nursery crops

ZBB Code: 3(c)(5)

ACTION CODE: 125

Date in: 5/27/82

EFB # 344

Date Completed: 7/22/82

TAIS (level II) Days

63

2.5

Deferrals To:

Ecological Effects Branch

Residue Chemistry Branch

Toxicology Branch

131

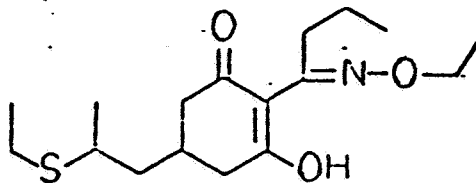
1.0 INTRODUCTION

BASF Wyandotte has submitted an application for registration of BAS 9052 for use on ornamentals and nursery crops (non-food use).

1.1 Chemical

Trade name: BAS 9052
Chemical name: 2-(1-(ethoxyimino)butyl)-5-(2-(ethylthio)propyl)-3-hydroxy-2-cyclohexen-1-one

Chemical structure:



Type pesticide: Post-emergence herbicide
1.53 lb. ai/gallon

2.0 USE DIRECTIONS

Use directions are appended to this review

3.0 DISCUSSION OF DATA

No additional data were submitted in application. Data previously reviewed by EFB include:

<u>Study</u>	<u>Date Reviewed</u>
Hydrolysis	11/24/80
Aerobic soil metabolism/ leaching	11/24/80
Rotational crop	2/18/82
Photolysis	7/22/82
Aerobic/anaerobic soil metabolism	"
Field soil dissipation	"
Octanol/water partition	"
Octanol/water partition of NP-55 related compounds	"
Fish accumulation	"

4.0 EXECUTIVE SUMMARY

See EFB review of 7/23/82 (C. Fletcher) for POAST relating to Reg no. 7969-LI.

5.0 RECOMMENDATIONS

Data referenced and previously reviewed by EFB support the proposed use of BAS 9052 on ornamentals and nursery crops. EFB concurs with the proposed registration.

Clinton Fletcher
Review Section # 1
Environmental Fate Branch
Hazard Evaluation Division