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MAR 25 1980

To: Product Manager 21 Jacoby
TS-767

Through: Dr. Gunter Zweig, Chief *15/*
Environmental Fate Branch

From: Review Section No. 1 *RL Cook*
Environmental Fate Branch

Attached please find the environmental fate review of:

Reg./File No.: 3125-318

Chemical: 1-(4-Chlorophenoxy)-3,3-dimethyl-1-(1H-1,2,4-triazol-1-yl)-2-
butanone

Type Product: Fungicide

Product Name: Bayleton 25 WP

Company Name: Mobay

Submission Purpose: Registration on turf grasses

EFB # 389

Action Code 320

ZBB Code: Sec 3

Date in: 02/22/80

Date Completed MAR 25 1980

Deferrals To:

☐ Ecological Effects Branch

☐ Residue Chemistry Branch

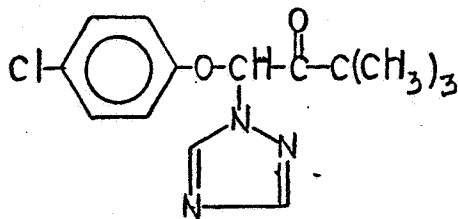
☐ Toxicology Branch

1. Introduction

Chemical Name and Type Pesticide: 1-(4-chlorophenoxy)-3,3-dimethyl-1-(1H-1,2,4-triazol-1-yl)-2-butanone, 25% a. i. Fungicide.

Trade Name: BAYLETON 25 WP

Chemical Structure:



Registrant requests added use of BAYLETON 25 Wettable Powder (already registered on azaleas) on turf grasses for control of a variety of fungal diseases.

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2. Directions for Use
Amendment to previously registered labeling

| CROP | DISEASE | Oz. BAYLETON 25% WP per 1000 Sq. Ft. | | REMARKS |
|--|---|---|-----------------------|---|
| | | Preventive | Curative | |
| Turf grasses (See note below) | Dollar spot Red thread Striped smut Brown patch Rusts | 1 | 2 | Apply specified amount in 2 to 4 gallons of spray per 1000 sq. ft. To prevent infection, apply preventive rate at 7 to 10 day intervals as needed. |
| | Fusarium blight | 2 | 4 to 8 | To control existing infections apply curative rate twice at a 7 to 10 day interval, then apply preventive rate if needed to maintain control. Make all applications immediately after mowing. |
| | Gray snowmold Pink snowmold | Two Applications | Single Application | When using two applications make the first application before the first snowfall and the second application during a temporary thaw. When using a single application, apply before first snow cover. Do not apply over snow cover. Use the high rates in areas with a history of severe snow mold damage. |
| | | 2 to 4 | 5 to 8 | |

NOTE: Do not apply to Bermuda grass or injury may occur. Do not use clippings for animal feed.

3. Discussion of Data

No new EC data was submitted.

4. Recommendations

EFB concurs with the proposed added use of BAYLETON 25 WP on turf grasses, since the environmental fate of it is known for this use and there is no crop rotation.

Herbert L. Manning
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Review Section #1
Environmental Fate Branch