

US EPA ARCHIVE DOCUMENT

FILE COPY

Date Out EFB: **MAR 25 1980**

To: Product Manager (21) Jacoby
TS-767

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

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

Attached please find the environmental fate review of:

Reg./File No.: 03125-320

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

Type Product: Fungicide

Product Name: Bayleton 50 WP

Company Name: Mobay

Submission Purpose: Add new uses on grasses grown for seed

ZBB Code: Sec 3

EFB #326
Action Code 320

Date in: 11/26/79

Date Completed MAR 25 1980

Deferrals To:

Ecological Effects Branch

Residue Chemistry Branch

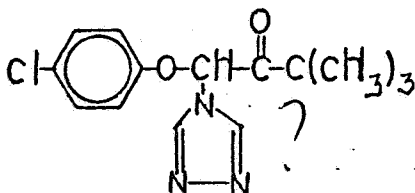
Toxicology Branch

1. Introduction

Chemical Name and Type Pesticide: 1-(4-Chlorophenoxy-3,3-dimethyl-1-(1H-1,2,4-triazol-1-yl)-2-butanone, 50% a.i., Fungicide.

Trade Name: BAYLETON 50 WP

Chemical Structure



Registrant requests the addition of a new use of BAYLETON 50 WP (presently registered for use on azaleas) on grasses grown for seed.

2. Directions for Use

RECOMMENDED APPLICATION

CROP	DISEASE	Pounds BAYLETON 50% WP	REMARKS
<u>GRASSES GROWN FOR SEED</u>			Apply specified dosage per acre in at least 20 gallons of water per acre with ground sprayers or in 7 to 10 gallons of water per acre by aircraft. Apply when rust pustules become readily noticeable and are increasing in number in late spring or early summer. Rust control is especially important during the period from early head emergence through last flowering. Under severe rust pressure, use high rates (3/4 to 1 pound per acre) and/or more frequent applications to maintain rust control until the grass seed matures, but DO NOT APPLY A TOTAL OF MORE THAN 2 POUNDS OF BAYLETON 50% WP PER ACRE PER YEAR. DO NOT GRAZE TREATED FIELDS OR USE ANY PART OF CROP OR CROP WASTES FOR FEED OR BEDDING PURPOSES. DO NOT PLANT FOOD OR FORAGE CROPS ON TREATED LAND WITHIN 18 MONTHS AFTER APPLICATION.
Perennial Ryegrass Kentucky Bluegrass	Rusts (Puccinia species)	1/2 to 1	

3. Discussion of Data

No new EC data submitted.

4. Recommendation

EFB concurs with the proposed added use of BAYLETON 50 WP on grasses grown for seed, since the environmental fate is known for this use and there is no crop rotation.

Herbert L. Manning
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Review Section #1
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