US EPA ARCHIVE DOCUMENT

FILE COPY

Date Out EFB: DEC 1 1981

To: Product Manager 21 (Jacoby)
TS-767

From Dr. Willa Garner
Chief, Review Section No. 1
Environmental Fate Branch

Attached please find the environmental fate review of:

Reg./File No.: 7969-53

Chemical: Vinclozolin [3-(3,5-dichlorophenyl)-5-ethenyl-5-methyl-1,3-oxazolidine-2,4-dione]

Type Product: Fungicide

Product Name: RONILAN

Company Name: BASF Wyandotte Corp.

Submission Purpose: Use on lettuce

ZBB Code: 3(c)(7)

Date in: 11/17/81

Date Completed: DEC 1 1981

Deferrals To:

_____ Ecological Effects Branch

_____ Residue Chemistry Branch

_____ Toxicology Branch

ACTION CODE: 335

EFB # 66

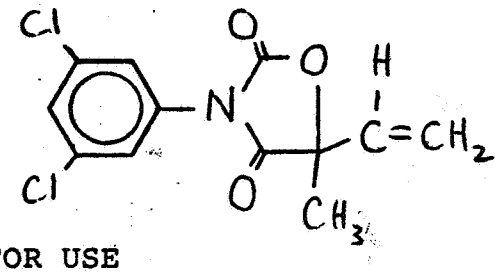
TAIS (level II)	Days
63	0.5

1/2

1. INTRODUCTION

1.1 BASF Wyandotte Corporation is requesting a 3(c)(7) registration of RONILAN Fungicide (active ingredient vinclozolin) on lettuce.

1.2 Structure



2. DIRECTIONS FOR USE

2.1 Apply 0.5 - 1.0 lb ai/A up to 3 times depending on disease pressure. Applications are to be 14 days apart and should cover lower leaves, plant stem and bed surface. Do not disturb soil after application and do not apply within 14 days of harvest.

2.2 The following rotational crop restriction appears on the label: Leafy vegetables may be planted 6 months after treatment that does not exceed 12 pounds active ingredient per acre (24 pounds product per acre).

Cucurbits may be planted 2 months after treatment that does not exceed 9 pounds active ingredient per acre (18 pounds product per acre).

Corn may be planted 2 months after treatment that does not exceed 9 pounds active ingredient per acre (18 pounds product per acre) provided only the corn grain is used for food and/or feed purposes.

Other grain crops may be planted 9 months after treatment that does not exceed 8 pounds active ingredient per acre (16 pounds product per acre).

3. RECOMMENDATIONS

3.1 We concur with the proposed use of RONILAN on lettuce.

Samuel M. Creeger
December 1, 1981
Section #1/EFB
Hazard Evaluation Division