

FILE COPY

AUG 31 1981

Date Out EFB: AUG 31 1981

To: Product Manager 17 (Gee)
TS-767

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

Attached please find the environmental fate review of:

Reg./File No.: 201-401

Chemical: Pydrin

Type Product: Insecticide

Product Name: Pydrin Insecticide 2.4 EC

Company Name: Shell

Submission Purpose: use on cabbage

ZBB Code: other

ACTION CODE: 330

Date in: 7/23/81

EFB # 896

Date Completed: AUG 31 1981

TAIS (level II)

Days

Deferrals To:

51

1/2

_____ Ecological Effects Branch

_____ Residue Chemistry Branch

_____ Toxicology Branch

8
1

1. INTRODUCTION

- 1.1 The registrant requests an amended conditional registration of the subject product (Pydrin Insecticide 2.4 EC, EPA Reg. No. 201-401) by adding a use on cabbage.

2. DIRECTIONS FOR USE

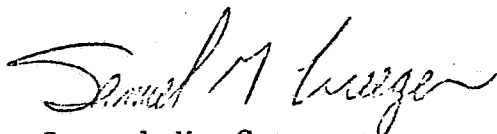
- 2.1 Apply 0.05-0.2 lb ai/A per application. Repeat as necessary, not exceeding 8 applications per season. Do not apply within 8 days of harvest.
- 2.2 Do not graze livestock on treated plant parts. Do not feed wrapper leaves to livestock.

3. DISCUSSION OF DATA

- 3.1 Data were not submitted but were referenced.

4. RECOMMENDATIONS

- 4.1 According to the EFB reviews of 201-401 dated November 13, 1980 and November 19, 1980, the fate of pydrin is known sufficiently to support the proposed cabbage use.
- 4.2 The rotational crop restriction currently recommended by EFB (12 months for root crops, 9 months for all others) must apply.
- 4.3 Questions posed in the November 19, 1980 review remain unanswered. We recommend the following questions be addressed by the registrant within 3 months:
- 4.3.1 Regarding the soil dissipation studies in accession number 243109 (tabs 1-4), (a) Was only parent compound analyzed for? (b) Are residues given only for parent compound?, and (c) Are soil degradates present in the sampled soil cores that are being missed?



Samuel M. Creeger
August 31, 1981
Section #1/EFB
Hazard Evaluation Division

