

US EPA ARCHIVE DOCUMENT

FILE COPY

Date Out EFB FEB 18 1982

To: Product Manager 23 (Mountfort)
TS-767

From: Dr. Willa Garner ^{lll}
Chief, Review Section No. 1
Environmental Fate Branch

Attached please find the environmental fate review of:

Reg./File No.: 2139-REE

Chemical: Thidiazuron

Type Product: Cotton defoliant

Product Name: Dropp

Company Name: Nor AM

Submission Purpose: Rotational Crop data to support change in
rotational crop restriction

ZBB Code: Other

ACTION CODE: 111

Date in: 2/5/82

EFB # 174

Date Completed: FEB 18 1982

TAIS (level II) Days

Deferrals To:

61

0.5

Ecological Effects Branch

Residue Chemistry Branch

Toxicology Branch

1. INTRODUCTION

1.1 The registrant, Nor-Am, is asking for a reconsideration of the data that resulted in the rotational crop restriction in the October 9, 1981 evaluation and that the data should be re-reviewed in light of data previously submitted as far back as 1976.

1.2 Refer to previously reviewed rotational crop data in the EFB file and to the attached letter and data summaries.

1.3 The current rotational crop restriction reads as follows:

"Do not plant small grains or root crops until 1 month after application of DROPP. Do not plant leafy crops until 2 months after application of DROPP. Only the mature small grain, root crop and leafy crop may be used for food or feed. Cover crops may be planted after cotton harvest but may not be used for food or feed. Other crops may not be planted until 8 months after application."

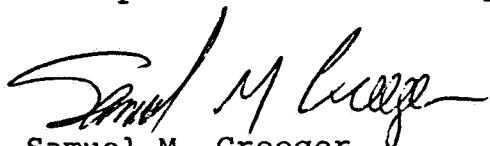
1.4 The registrant wants to change the current restriction to read as follows:

"Do not plant small grain, sorghum, corn or root crops earlier than two weeks after application of Dropp." ←

"Do not plant legumes, alfalfa or leafy vegetables earlier than two months after application of Dropp. Do not use immature crops for food or feed." ←

2. RECOMMENDATIONS

2.1 Previously submitted and evaluated data support the proposed rotational crop restriction in 1.4, above.



Samuel M. Creeger
February 18, 1982
Section #1/EFB
Hazard Evaluation Division