

FILE COPY

Date Out: EFB: OCT 8 1981

To: Product Manager 15 La Rocca
TS-767

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

Attached please find the environmental fate review of:

Reg./File No.: 241-260

Chemical: Amdro

Type Product: Insecticide

Product Name: Amdro

Company Name: American Cyanamid

Submission Purpose: Waiver of batch equilibrium under new guidelines.

Soil TLC & column studies have been completed.

ZBB Code: other

ACTION CODE: 571

Date in: 10/6/81

EFB # 5

Date Completed: OCT 8 1981

TAIS (level II) Days

Deferrals To:

64

1

Ecological Effects Branch

Residue Chemistry Branch

Toxicology Branch

1.0 INTRODUCTION

American Cyanamid has requested that EFB determine if the mobility studies previously submitted and reviewed satisfy the current guidelines requirements for the insecticide Andro.

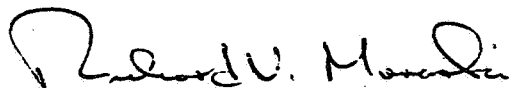
2.0 DISCUSSION

In an EFB review of 8/19/80, the study CL 217,000: Determination of Mobility in Soil, B.L. Reichert, Report PD-M, Volume 16-25, 2/1/79, American Cyanamid, Agricultural Research Division, Princeton, N.J., Accession No. 241-260 was found to be valid. In that study both soil TLC and soil column procedures were employed. Working under the 1978 guidelines, the reviewer also recommended that a batch equilibrium study (adsorption/desorption) was required.

The July 1981 guidelines state that either a soil TLC or soil column or a batch equilibrium study is required to satisfy mobility requirement for a terrestrial or forest use product. The batch equilibrium study would be required for a product intended for aquatic or aquatic impact uses.

3.0 RECOMMENDATION

Based on the data requirements of the July, 1981 guidelines and on the validity of already reviewed mobility studies, EFB recommends that the adsorption/desorption study not be required.



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Environmental Fate Branch