

10/6/75

EEE BRANCH REVIEW

DATE: IN _____ OUT _____ IN 9/17/75 OUT 10/5/75 IN _____ OUT _____
FISH & WILDLIFE ENVIRONMENTAL CHEMISTRY EFFICACY

FILE OR REG. NO. 618-75-AA
PETITION OR EXP. PERMIT NO. 5F1646
DATE DIV. RECEIVED 6/24/75
DATE OF SUBMISSION _____
DATE SUBMISSION ACCEPTED _____
TYPE PRODUCT(S): I, D, H, F, N, R, S _____
PRODUCT MGR. NO. 21
PRODUCT NAME(S) VERTECT 340-F
COMPANY NAME Marck and Co.
SUBMISSION PURPOSE Gophers
CHEMICAL & FORMULATION 2-(4-thiazolyl)benzimidazole
flowable suspension formulation

1.0 INTRODUCTION

- 1.1 Other names for thiabendazole are TBZ and 2-(4'-thiazolyl) benzimidazole.
- 1.2 The product is 42.28% active ingredient.
- 1.3 A use on soybeans is proposed.
- 1.4 Other reviews for this registration:

5F1537	(11/15/74)
4E1478	(6/24/74)
3E1376	(2/19/74)
618-69, 74, 75	(2/19/74)
3E1376	(7/31/73)

- 1.5 Other reviews for thiabendazole:

5G1649	(9/2/75)
4F1518	(8/6/74)
3F1332	(2/19/74)
1F1031	(10/27/70 and 2 re-evaluations dated 2/12/71 and 10/13/72)
0F0881	(10/9/69)

2.0 DIRECTIONS FOR USE

2.1 Soybeans

- 2.1.1 Aerial application - use 6-10 fl. oz. in 3-10 gallons water per acre.
- 2.1.2 Ground application - use 6-10 fl. oz. in 20-50 gallons water per acre.
- 2.1.3 Make first application when 75% of pods have set. Make second application 14-21 days later.
- 2.1.4 Do not apply within 21 days of harvest. Do not graze or feed treated vines or hay to livestock. Do not tank mix with copper fungicides.

3.0 DISCUSSION OF DATA

Environmental chemistry data was not submitted.

4.0 RECOMMENDATIONS

- 4.1 Environmental chemistry data, as indicated in the "Registration, Reregistration and Classification Procedures" (162.8(b)(3)(11)) dated 7/3/75 and in "Guidelines for Registering Pesticides in United States" (162.79) dated 6/25/75 will be needed to assess hazards associated with the proposed use.

RE: 10/4/75

Ronald E. Ney, Jr.

10/6/75

Samuel M. Creeger 10/8/75

Samuel M. Creeger

10/6/75

Environmental Chemistry Section

EEEB