

US EPA ARCHIVE DOCUMENT

10/6/75

EEE BRANCH REVIEW

DATE:	IN _____	OUT _____	IN <u>9/17/75</u>	OUT <u>10/5/75</u>	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 Merck and Co.

SUBMISSION PURPOSE Golabrean

CHEMICAL & FORMULATION 2-(4-thiazolyl)benzimidazole  
flowable suspension formulation

**1.0 INTRODUCTION**

1.1 Other names for thiabendazole are TBZ and 2-(4'-thiazoly1) 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.

*Ronald E. Ney, Jr. 10/4/75*

Ronald E. Ney, Jr. 10/6/75

*Samuel M. Creeger 10/8/75*

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