

US EPA ARCHIVE DOCUMENT

4-14-82

EFFICACY REVIEW

DATE: IN 4/2/82 OUT 4/14/82

FILE OR REG. No. 100-607

PETITION OR EXP. PERMIT NO. 1F2500; 1H5299

DATE DIV. RECEIVED 4-1-82

DATE OF SUBMISSION 4-1-82

DATE SUBMISSION ACCEPTED _____

TYPE PRODUCT(S): I, D, H, ~~(F)~~ N, R, S _____

DATA ACCESSION NO(S). _____

PRODUCT MGR. NO. 21

PRODUCT NAME(S) Ridomil[®] 2E Fungicide

COMPANY NAME Ciba-Geigy Corporation

SUBMISSION PURPOSE Add: tobacco layby application; prohibition of tobacco foliar applications; revised resistant ^R stains statement; tank-mixture uses on cucumbers,

CHEMICAL & FORMULATION melons, onions, potatoes, & tomatoes

Metalaxyl.....25.11% Liquid

(2 pounds active/gallon)

202.0 CONCLUSIONS AND RECOMMENDATIONS

The proposed tank mixes on cucumbers, melons, onions, (dry bulb, green), potatoes and tomatoes (early blight, and late blight) are acceptable. The tank mix for control of late blight alone on tomatoes will be acceptable if the directions are modified to indicate that the lowest labeled rates of the other fungicides are to be used. Note: The tank mixes, which involve control of a single disease with two fungicides, are being accepted on the basis that the seasonal rates of the other fungicides are significantly lower than when they are used alone and that the metalaxyl rates are generally lower than item (4) of page 6 of your letter of 4/1/82).

these that would be used alone as claimed in

Under the "Note" listed for each tank mixture entry add "(excluding the frequency of application)" after the phrase "precautions and limitations."

Since in certain cases the other fungicides involved in the tank mixture recommendations have more restrictive preharvest intervals, we recommend that when this condition exists that these more restrictive intervals be specified for the appropriate fungicide, in the "Note" under each tank mixture entry.

Under "Vegetable Bedding Plants" revise to indicate that the late blight claim applies only to tomatoes and the downy mildew claim applies to cucumbers and melons.

In the last paragraph of the "Note" under General Information delete reference to soybeans and wheat as these crops are not contained on the proposed labeling.

Since all the foliar application uses on the label are for tank mixtures, the second paragraph of the "Note" in the General Information section must be deleted because it is not applicable to the proposed use patterns and because the label directions are rigid and do not permit State Specialists to recommend other potential resistance delaying tactics (e.g., alternate/intermittent use of metalaxyl and other fungicides). Alternatively, you could add use patterns for foliar use of metalaxyl alone to the label.

Richard E. Michell
RICHARD E. MICHELL
PLANT PATHOLOGIST
TECHNICAL SUPPORT SECTION
FUNGICIDE-HERBICIDE BRANCH
REGISTRATION DIVISION (TS-767C)

E 4/21/82