

US EPA ARCHIVE DOCUMENT

FILE COPY

Date Out EFB: APR 27 1982

To: Henry Jacoby
Product Manager 21
Registration Division (TS-767)

From: Dr. Willa Garner, Chief *WJ*
Review Section No. 1
Environmental Fate Branch
Hazard Evaluation Division (TS-769)

Attached please find the environmental fate review of:

Reg./File No.: 7969-53

Chemical: Vinclozin [3-(3,5-dichlorophenyl)-5-ethenyl-5-methyl-1,3-oxazolidine-2,4-dione]

Type Product: Fungicide

Product Name: Ronilan

Company Name: BASF Wyandotte

Submission Purpose: Incremental Risk - additional use on peaches, cherries and plums

ZBB Code: 3(c)(7)

ACTION CODE: 335

Date In: 3/12/82

EFB # 231

Date Completed: 4/27/82

TAIS (level II)

Days

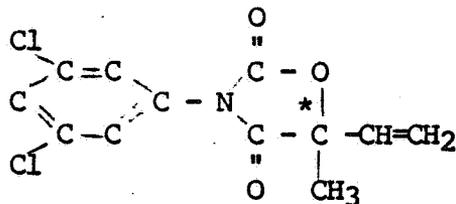
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1.0 INTRODUCTION

BASF Wyandotte seeks to amend its registration to permit use of Ronilan (Vinclozin, BAS-352-F, [3-(3,5-dichlorophenyl)-5-ethenyl-5-ethyl-1,3-oxazolidine-2,4-dione]) on peaches, cherries and plums. Ronilan is currently registered for use on strawberries and kiwifruit. A tolerance is pending for use on lettuce.

2.0 STRUCTURE



(* marks position of radiolabel)

3.0 DIRECTIONS FOR USE

The proposed labels are appended to this review.

4.0 CONCLUSION

All environmental chemistry data requirements have been satisfied. The incremental environmental risk of this added use should be minor.

5.0 RECOMMENDATION

EFB concurs with the proposed amendment.

Emil Regelman
Chemist
EFB/HED (TS-769)
April 27, 1982

A PETITION FOR BAS 352 F FUNGICIDE
Full Tolerances and Registration for
Peaches, Cherries, Plums

Section F

Proposed Tolerances

BASF Wyandotte Corporation, Parsippany, New Jersey has submitted a pesticide petition to the Environmental Protection Agency (EPA). This petition requests that a tolerance be established for residues of the fungicide 3-(3,5-dichlorophenyl)-5-ethenyl-5-methyl-2,4-oxazolidinedione and its 3,5-dichloroaniline-containing metabolites in or on the raw agricultural commodities as follows:

4 ppm	peaches, cherries
1 ppm	plums

The proposed analytical method for determining residues is gas chromatography using an electron capture detector (Ni-63).

The data submitted in the petition and other relevant material have been evaluated and it is concluded that the tolerance should be established as proposed. The pesticide is considered useful for the purposes for which the tolerance is sought. The tolerance established by amending 40 CFR 180. will protect the public health.

No animal feed items are involved with this use.

In cherries, peaches and plums, do not apply Ronilan within 3 days of harvest.

BASF Wyandotte Corporation
Agricultural Chemicals Div.
100 Cherry Hill Road
Parsippany, New Jersey 07054

A PETITION FOR BAS 352 F FUNGICIDE
Full Tolerances and Registration for
Peaches, Cherries and Plums

Amount, Frequency and Time of Application

Ronilan is a contact fungicide effective in controlling brown rot (blossom blight and fruit rot stages) of stonefruits. The time, amount and frequency of application differs with crop:

Peaches - Up to five applications may be made to control blossom and twig blight as follows - two applications initially at a 14 day interval followed by 3 applications at 7-10 day intervals, if needed. Then, two more applications may be made to control fruit rot as follows - the first application may be made 21 days before harvest and the second, 10-14 days before harvest. Depending on disease pressure, up to 2 lbs. product per acre per application may be needed for a total of 14 lbs. product per acre per season.

Preharvest interval - 3 days.

Draft labeling follows this page.

Page is not included in this copy.

Pages 5 through 9 are not included.

The material not included contains the following type of information:

- Identity of product inert ingredients.
 - Identity of product impurities.
 - Description of the product manufacturing process.
 - Description of quality control procedures.
 - Identity of the source of product ingredients.
 - Sales or other commercial/financial information.
 - A draft product label.
 - The product confidential statement of formula.
 - Information about a pending registration action.
 - FIFRA registration data.
 - The document is a duplicate of page(s) .
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The information not included is generally considered confidential by product registrants. If you have any questions, please contact the individual who prepared the response to your request.

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