

US EPA ARCHIVE DOCUMENT

1-11-83

Shaughnessy No. 113201

Date Out EFB:

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

FILE COPY

From: **Emil Regelman, (Acting) Chief**
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: Ronilan

Type Product: Fungicide

Product Name: RONILAN 50W

Company Name: BASF

Submission Purpose: label revisions, minimal data

ZBB Code: ?

ACTION CODE: ~~281~~ 300

Date in: 11/16/82

EFB # ~~4~~ 70

Date completed: 1/11/83

Tais (level II) Days

64 0.75

Deferrals To:

Ecological Effects Branch

Residue Chemistry Branch

Toxicology Branch

1.0 INTRODUCTION

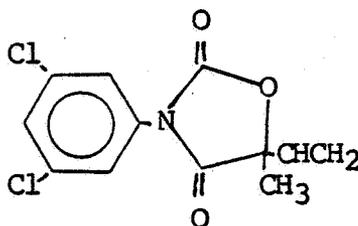
BASF Wyandotte Corporation has submitted an amended label for the use of Ronilan (3-(3,5-dichlorophenyl)-5-ethenyl-5-methyl-2,4-oxazolidinedione) on strawberries.

1.1 Chemical

Common Name: vinclozolin

Chemical name: 3-(3,5-dichlorophenyl)-5-ethenyl-5-methyl-2,4-oxazolidinedione

Chemical Structure:



2.0 DIRECTIONS FOR USE

See attached label.

Label changes are the addition of:

- ° Any rotational crops may be planted 20 days after the treatment that does not exceed 3 pounds active ingredient per acre (6 pounds product per acre).
- ° Lettuce (head types only) may be planted after strawberries.
- ° Air Equipment: Application of Ronilan should be made in not less than 20 gallons of spray solution per acre. Thorough spray coverage of the developing fruit is essential.
- ° Do not use Ronilan as a plant dip as injury will occur.

3.0 DISCUSSION OF DATA

Discussion on the Potential Uptake of Ronilan (BAS 352 F) Soil Residues by Rotational Crops. 1/26/82.

This is a summary of the results of a previously submitted, reviewed, and accepted rotational crop study (EFB review of 4/26/82) compared with studies at the normal use pattern for strawberries employing higher applications. The studies involved root crops, leafy vegetables, cucurbits, and grain crops. When the application rate is limited to 6 lb of product/A (3 lb ai/A), no plant sample contained Ronilan residues which exceeded 0.04 ppm when planted 20 days after last treatment.

In the review of 4/26/82, we concluded that a rotational crop restriction was not needed for the proposed use pattern.

4.0 CONCLUSIONS AND RECOMMENDATION

All environmental chemistry data requirements have been satisfied.

Ronilan does not accumulate to levels greater than 0.04 ppm in rotated crops when no more than 3 lb ai/A is used and a 20 day interval is observed between planting and treatment.

The sited rotational crop studies support the label changes.

EFB concurs with the proposed label changes.

Norma Kay Whetzel

Norma Kay Whetzel

January 11, 1983

Review Section No. 1

Environmental Fate Branch

Hazard Evaluation Division

Page ___ is not included in this copy.

Pages 4 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) _____.
 - The document is not responsive to the request.
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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.
