

US EPA ARCHIVE DOCUMENT

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

DATE: JUN 9 1981

SUBJECT: Monitoring Protocol Review Request

FROM: Wildlife Biologist  
Ecological Effects Branch/HED

TO: Chief, Environmental Fate Branch

THRU: Norm Cook, Head, Section 2, EEB

THRU: Clayton Bushong, Chief, EEB

Re: Registration #677-313 Chemical Use: Fungicide for Soybeans  
Active Ingredient: Chlorothalonil

The Ecological Effects Branch (EEB) requests that the Environmental Fate Branch (EFB) review the attached field monitoring protocol submitted by Diamond Shamrock Corp. for Bravo 500.

Besides a standard review, EEB also requests responses to the following questions:

1. Do you see any problems with asking Diamond Shamrock to also measure residue levels of Chlorothalonil's primary degradate, DS-3701?
2. Is there a minimum amount of rainfall needed during the study to provide results that could be useful in a hazard assessment? If so, how much?
3. Considering the type of soil mentioned, is there a need for the study to include sampling of soil in the application area?
4. Should there be concern over the length of time samples are held in refrigeration before being analyzed? What is the maximum acceptable time? (refer page 5 and page 6)
5. Could you define "Mannings N"? (page 6)
6. Is the method for measuring Chlorothalonil residue levels standard enough that it need not be addressed in the protocol?

In addition EEB requests that a representative from the EFB attend a meeting at 10:00 AM on June 17, 1981, with people from Biospherics Inc. and Diamond Shamrock Corp.

Please notify me at phone #75651 if this review cannot be completed by June 16, 1981, or if there is a problem with the meeting at that time and date.

*Daniel Rieder*  
Daniel Rieder

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Pages 3 through 9 are not included.

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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.

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