

DP Barcode : D199900  
 PC Code No : 099101  
 EEB Out : 3-24-94

To: SUSAN LEWIS PM 21  
 Product Manager  
 Registration Division (H7505C)

From: Anthony F. Maciorowski, Chief  
 Ecological Effects Branch/EFED (H7507C)

Attached, please find the EEB review of...

Reg./File # : \_\_\_\_\_  
 Chemical Name : BENOMYL  
 Type Product : FUNGICIDE  
 Product Name : \_\_\_\_\_  
 Company Name : DU PONT  
 Purpose : REVIEW 6A2 DATA RELATED TO CROP DAMAGE INCIDENTS  
DATA RELATED TO POTENTIAL EFFECTS OF THE DEGRADATES OF  
BENOMYL INCLUDING DBU AND BIC  
 Action Code : 405 Date Due : 3-26-94  
 Reviewer : RIEDER Date In EEB: 3-18-94

EEB Guideline/MRID Summary Table: The review in this package contains an evaluation of the following:

GDLN NO	MRID NO	CAT	GDLN NO	MRID NO	CAT	GDLN NO	MRID NO	CAT
71-1(A)			72-2(A)			72-7(A)		
71-1(B)			72-2(B)			72-7(B)		
71-2(A)			72-3(A)			122-1(A)		
71-2(B)			72-3(B)			122-1(B)		
71-3			72-3(C)			122-2		
71-4(A)			72-3(D)			123-1(A)		
71-4(B)			72-3(E)			123-1(B)		
71-5(A)			72-3(F)			123-2		
71-5(B)			72-4(A)			124-1		
72-1(A)			72-4(B)			124-2		
72-1(B)			72-5			141-1		
72-1(C)			72-6			141-2		
72-1(D)						141-5		

Y=Acceptable (Study satisfied Guideline)/Concur  
 P=Partial (Study partially fulfilled Guideline but additional information is needed)  
 S=Supplemental (Study provided useful information but Guideline was not satisfied)  
 N=Unacceptable (Study was rejected)/Nonconcur



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, D.C. 20460

MAR 24 1994

OFFICE OF  
PREVENTION, PESTICIDES AND  
TOXIC SUBSTANCES

MEMORANDUM

SUBJECT: Review of Benomyl 6a2 Data, D199900

FROM: *efr* Anthony F. Maciorowski, Chief  
Ecological Effects Branch  
Environmental Fate and Effects Division H7507C *Dan Rieder 3/24/94*

TO: Susan Lewis, PM 21  
Herbicide/Fungicide Branch  
Registration Division H7505C

The EEB has reviewed the reported results of this research from Hawaii (MRID:43117601) and concluded that this suggests that a degradate of benomyl, DBU forms under certain storage conditions, whether the formulation is Benlate DF or Benlate 50WP. Further, this research suggests that the degradate has significant effects on a variety of plants.

The significance of these results cannot be fully incorporated into the EFED position until this and other research on the degradation products of benomyl is completed. The EFED will continue to monitor such research and include the results in future assessments. It would be premature, with only this report, to significantly alter the current EFED position, however, this research is key to a fuller understanding of how benomyl may adversely impact plants.

If you have questions, please contact Dan Rieder.



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