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

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OFFICE OF  
PESTICIDES AND TOXIC  
SUBSTANCES

MEMORANDUM

SUBJECT: RfD for Iprodione

TO: George Ghali, Ph.D.  
Manager, RfD/Peer Review Committee  
Science Analysis Branch  
HED (H7509C)

FROM: K. Clark Swentzel *K. Clark Swentzel 9/16/92*  
Section Head, Section II  
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THROUGH: Marcia van Gemert, Ph.D. *M van Gemert 9/16/92*  
Branch Chief, Toxicology Branch II  
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The RfD for iprodione is based on a 1-year feeding study in dogs (84RH002/179) in which the dietary levels were 0, 100, 600 or 3600 ppm. The registrant has repeated a 1-year study in which the dogs were fed dietary levels of 0, 200, 300, 400 or 600 ppm iprodione (EPA Memorandum, Swentzel to Rose/Lewis, June 24, 1992). The NOEL in the first study, on which the RfD is based, is 100 ppm (approximately 4 mg/kg/day); the NOEL in the current study is 400 ppm (approximately 18 mg/kg/day). The LEL for both studies is 600 ppm (increased number of RBCs with Heinz bodies and decreased prostate weights in the first study and depressed RBC parameters in the second).

