



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

MAR : 5 1996

OFFICE OF  
PREVENTION, PESTICIDES AND  
TOXIC SUBSTANCES

MEMORANDUM

SUBJECT: Mefenoxam Technical as Replacement for Metalaxyl  
Technical, Review of Summary Bridging Data,  
D223794, CBTS #16954.

FROM: Elizabeth T. Haebener, Section Head *Elizabeth T. Haebener*  
Tolerance Petition Section II  
CBTS/HED (7509C) 3/5/96

THROUGH: Edward Zager, Acting Branch Chief *Edward Zager*  
Chemistry Branch Tolerance Support  
Health Effects Division (7509C)

TO: Donald Stubbs, Chief  
Registration Support Branch  
Registration Division (7505C)

and

Karen Whitby, Acting Head  
Registration Section  
RCAB/HED (7509C)

The summary bridging data submitted to support registration of mefenoxam technical (CGA 329351) as a replacement for metalaxyl technical (CGA 48988) has been reviewed.

Mefenoxan is the R-enantiomer of metalaxyl, and has shown increased disease controllability when used alone, compared to the S-enantiomer or a combination of the two enantiomers. The proposed use rate for mefenoxan is one half the rate for registered uses of metalaxyl. The residues from proposed uses of mefenoxan should not exceed existing tolerances for the use of metalaxyl (assuming that both chemicals would not be used on the same crop). The summary bridging data confirm this.

The nature of the residue is understood and there are adequate analytical methods available for enforcement purposes. Pending review of the full data submission, CBTS can recommend in favor of a time limited registration. The full data package will be assigned for review directly, with an anticipated completion date of April 30, 1996.

RDI: E. Zager, 3/5/96

cc: RF, SF (Mefenoxam, Metalaxyl), circu., L. Kutney (CBTS), E.  
Haeberer (CBTS), K. Scanlon (RD).

(2)