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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: 1812-251. Maneb on grapes. Revised labelling.  
RCB No. 1258.

FROM: Linda S. Propst, Chemist  
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THRU: Andrew R. Rathman, Section Head  
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TO: Henry Jacoby, PM 21  
Herbicide-Fungicide Branch  
Registration Division (TS-769)

Griffin Corporation has submitted a revised label for Manex<sup>®</sup>, a flowable formulation containing 4 lbs of maneb (manganese ethylenebisdithiocarbamate) per gallon.

Tolerances have been established for residues of the fungicide manganous ethylenebisdithiocarbamate, calculated as zinc ethylenebisdithiocarbamate, on numerous raw agricultural commodities at levels ranging from 0.1 ppm to 45 ppm. A tolerance of 7 ppm has been established on grapes (40 CFR 180.110).

The currently registered use on grapes allows for maneb to be sprayed on grapes at rates up to 2 lbs active per 100 gallons of spray. Apply just before bloom and 7 to 10 days later.

The revised label for Manex<sup>®</sup> allows for 1.2 - 3.2 lbs active per acre to be applied to grapes when new shoots are 8 to 10 inches long (pre-bloom). Repeat just after bloom and 7 to 10 days later. When fruit is present, use maximum of 1.5 lbs active per acre. Do not apply within 7 days of harvest.

There are no data available in our files reflecting residues of maneb on grapes 7 days after being treated.

CONCLUSIONS AND RECOMMENDATIONS

In the absence of data reflecting residues of maneb on grapes 7 days after treatment, we are unable to conclude that the established tolerance of 7 ppm will be adequate.

For this reason, we recommend against accepting the proposed label.

cc: Reading File, Circulation, Subject File, Reviewer, Amended Use File, PMSD/ISB

TS-769:RCB:LSP:lsp:CM#2:557-7324:8/21/85

RDI: A. R. Rathman, 8/20/85; R.D. Schmitt, 8/21/85