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

AUG 21 1985

OFFICE OF
PESTICIDES AND TOXIC SUBSTANCES

MEMORANDUM

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

FROM: Linda S. Propst, Chemist *Linda S. Propst*
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THRU: Andrew R. Rathman, Section Head *ARR*
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TO: Henry Jacoby, PM 21
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Griffin Corporation has submitted a revised label for Manex®, a flowable formulation containing 4 lbs of maneb (manganese ethylenebis-dithiocarbamate) per gallon.

Tolerances have been established for residues of the fungicide manganous ethylenebis-dithiocarbamate, calculated as zinc ethylenebis-dithiocarbamate, 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® 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