



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

CITIZEN
PIB/FOD

OFFICE OF
PESTICIDES AND TOXIC SUBSTANCES

JUN 3 1991

MEMORANDUM

SUBJECT: HED Project #1-1327. (Caswell #555; DEB #8041).
Methyl Bromide Postharvest Fumigation Protocols- Letter
dated 5/23/91. (No MRID #).

FROM: Nancy Dodd, Chemist *Nancy Dodd*
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THRU: Richard D. Schmitt, Ph.D., Chief *Richard D. Schmitt*
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TO: Walter Francis, PM #32
Antimicrobial Program Branch
Registration Division (H7505C)

and

Lois A. Rossi, Chief
Reregistration Branch
Special Review and Reregistration Division (H7508C)

A letter dated 5/23/91 from Gary Obenauf of the Prune, Raisin, and Walnut Industries was submitted as a response to comments concerning postharvest fumigation protocols which were made by CBTS in a meeting with the Methyl Bromide Industry Panel on 5/23/91. The particular issue concerns the extent of residue data required by CBTS to cover dried fruits and nuts. The MBIP hoped to do residue testing on four dried fruits and four nuts to cover all the dried fruits and nuts.

The letter contains the following list of dried fruits and nuts which may need to be treated with methyl bromide:

Dried Fruits

prune
 raisin
 fig
 date
 apricot
 peach
 nectarine
 pear
 apple
 pineapple
 coconut
 banana
 cherry
 papaya

Nuts

walnut
 almond
 pistachio
 pecan
 filberts
 Brazil nut
 macadamia
 cashew
 carob

Discussion

Residue data for apricots can be translated to peaches and nectarines. Residue data for apricots and raisins can be translated to cherries. Residue data for apples can be translated to pears.

Residue data for English walnut, almond, and pecan can be translated to filberts, Brazil nuts, macadamia nuts, and cashews.

Therefore, residue data on the following dried fruits and nuts will be sufficient for postharvest fumigation of all of the above dried fruits and nuts:

prune, raisin, fig, date, apricot, apple, pineapple, coconut, banana, papaya, English walnut, almond, pistachio, pecan, and carob.

Any additional component (such as peanuts) in a mixture such as "Trail Mix" must be supported by residue data unless CBTS indicates that the available residue data can be translated to cover that component.

Conclusion/Recommendation

CBTS concludes that residue data on the following dried fruits and nuts will be sufficient for postharvest fumigation of all of the above dried fruits and nuts:

prune, raisin, fig, date, apricot, apple, pineapple, coconut, banana, papaya, English walnut, almond, pistachio, pecan, and carob.

CBTS also concludes that any additional component (such as peanuts) in a mixture such as "Trail Mix" must be supported by residue data unless CBTS indicates that the available residue data can be translated to cover that component.

cc: N. Dodd (CBTS), RF, SF, Circulation (7), PP #5F3300, Methyl Bromide Registration Standard File- W. Boodee, C. Furlow (PIB/FOD), E. Haeberer, PM #32, L. Rossi (SRRD).

RDI:E. Haeberer:5/30/91:R. Loranger:5/30/91
H7509C:CBTS:CM#2:Rm 800D:X1681:N. Dodd:nd:5/31/91