US EPA ARCHIVE DOCUMENT

Citarlow
PIB/FOD

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

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
Tolerance Petition Section II
Chemistry Branch I- Tolerance Support
Health Effects Division (H7509C)

THRU: Richard D. Schmitt, Ph.D., Chief Richard D Schmitt
Chemistry Branch I- Tolerance Support
Health Effects Division (H7509C)

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 | Nuts |
|---|---|
| prune | walnut |
| raisin | almond |
| fig | pistachio |
| date | pecan |
| apricot | filberts |
| peach | Brazil nut |
| nectarine | macadamia |
| pear | cashew |
| apple | carob |
| pineapple | |
| coconut | |
| banana | |
| cherry | |
| papaya | |

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:

2

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