

US EPA ARCHIVE DOCUMENT

JUN 7 1971

~~Chemistry~~
Branch
W. J. Hoff
L. A.

Chemistry Branch

BRIEFING MEMORANDUM

Diamond Shamrock Chemical Co.
Cleveland, Ohio 44115

Pesticide Petition No. 1F1024--
Tolerances for residues of Daconil (Bravo)

File: PP # 1F1024

DEPUTY ASSISTANT ADMINISTRATOR FOR
PESTICIDES PROGRAMS

1. Daconil and Bravo are the trade names used by the Diamond Shamrock Chemical Company for the fungicide 2,4,5,6-tetrachloroisophthalonitrile. A tolerance of 0.1 p.p.m. has been established for the combined negligible residues of Daconil and its metabolite 4-hydroxy-2,5,6-trichloroisophthalonitrile in or on potatoes. This petition as amended proposes tolerances for the combined residues of Daconil and its metabolite as follows:

15 p.p.m. in or on celery

5 p.p.m. in or on broccoli, brussels sprouts, cabbage, cauliflower, cucumbers, melons, pumpkins, squash (winter and summer), and tomatoes.

1 p.p.m. in or on carrots and sweet corn (kernels plus cob with husk removed).

0.3 p.p.m. in or on peanuts.

2. The Pesticides Regulation Division has certified that the pesticide is useful for the purposes for which the tolerances are being established. They also state that the proposed tolerances reasonably reflect the residues likely to result from the proposed uses. The Fish and Wildlife Service, USDI, has no objections to the proposed tolerances.

3. The Chemistry Branch finds:

a. The nature of the terminal residues has been adequately defined for the purposes of the proposed tolerances.

b. There are adequate analytical methods available for the enforcement of the proposed tolerances.

c. Residues of Daconil and its metabolite from the proposed uses will not exceed the proposed tolerances.

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- d. Since there are no prime feed items containing residues involved, the proposed uses are classified in § 420.6(a)(3) with respect to residues in meat, milk, poultry, and eggs.
- d. There will be no problem of soil persistence from the proposed uses.
4. The Toxicology Branch finds the proposed tolerances safe and that they will protect the public health. They state that the proposed 0.3 p.p.m. tolerance for peanuts is not a negligible residue.
5. We recommend that the attached order be signed and published.

James B. Lamb
Petitions Control Branch
Pesticide Tolerances Division

APPROVED:

Drew M. Baker, Jr., Chief
Petitions Control Branch
Pesticide Tolerances Division

F. J. McFarland, Acting Director
Pesticide Tolerances Division

cc:
PTD
Toxicology Branch
Chemistry Branch
OGFitzhugh
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JBLamb:ea 6/4/71:ggr 6/1/71
R/D Init:JCCummings 6/3/71
GJBeusch 6/3/71
CWilliams 6/3/71
DMBaker
JBLamb