

US EPA ARCHIVE DOCUMENT

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November 26, 1962

Pesticide Branch and
Division of Pharmacology

Division of Food

PP #355, Guthion on Brussels sprouts and citrus fruits.
FAP #793, Guthion in dried citrus pulp. Chemagro Corporation,
Kansas City 20, Missouri.

In our final review of this petition, dated 10-4-62, we had recommended that the proposed tolerances be established.

The petitioner now proposes (ltr., 11-5-62) that the tolerance for grapefruit, lemons, oranges, and tangerines be extended to include all related fruits in the citrus category of paragraph 120.34(3).

Also requested is a tolerance for residues in meat tissue resulting from the use in feeds of dried citrus pulp from treated citrus fruits.

The petitioner now seeks tolerances for Guthion residues of:

2 ppm on Brussels sprouts, 2 ppm on citrus (citron, grapefruit, kumquats, lemons, limes, oranges, tangelos, and tangerines), 0.1 ppm for residues in meat, fat, and meat by-products of cattle, goats, and sheep, calculated as Guthion (chemical name), and a food additive tolerance of 5 ppm for dried citrus pulp.

Since the citrus residue data are representative of the principal varieties and different sizes of citrus fruits, we conclude that the proposed tolerance can be extended to include all related fruits of the citrus category.

We also find that the proposed tolerance for meat tissue is adequate to cover residues resulting from the use in feeds of dried citrus pulp from treated citrus fruits when fed with or without treated alfalfa or clover, green or hay. After further consideration, we feel that the tolerance need not be expressed as proposed by the petitioner, but may be expressed as a tolerance for residues of Guthion in the usual manner.

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Since almost all of the citrus pulp is derived from oranges and grapefruit, the inclusion of other related fruits in our considerations does not affect our conclusions regarding the food additive tolerance.

We recommend, therefore, that the above tolerances be established.

G. J. Beusch

cc BPS
DP(9)
OC/FA (EAP #793)
DF (PP #355, 207, 249, 314, 316, 336, 367)
DF (EAP #793)

GJBeusch:jrf 11/26/62
ED init JAlpert 11/21/62
HAJones 11/21/62