

Dr. Schmidt

May 8, 1972

Frucote. Amendment of 4/12/72.

**Mr. Drew M. Baker, Chief
Petitions Control Branch
Pesticides Tolerances Division**

Pesticide Petition No. 1F1157; FAP# 2H5010

The proposed amendment is requesting a decrease in residues in or on citrus to 30 ppm in conjunction with a restriction to one post-harvest application of Frucote to citrus fruit and the addition of 90 ppm residue in dried citrus pulp and in citrus molasses.

From the original petition review 9/2/71, by Dr. R. Schmidt it was established that a 60 kg man could safely consume 75.0 mg/day, based on a NE-level of 2500 ppm chronic rat feeding study. At the requested residue levels only 4.3 mg/day would be expected in the daily human dietary giving an additional 9 fold safety factor. With the reduction in residues in or on citrus the new total daily intake will only amount to 2.5 mg/day which would give an even greater safety factor.

The 90 ppm Frucote residue in or on citrus pulp and citrus molasses would not involve any direct human consumption as these are both used for livestock feeds. Residues in meat and milk are to remain the same as before: 3 ppm in kidney of cattle, and 0.75 ppm in milk and meat, fat and meat by-products (excluding kidney) of cattle.

Toxicology Branch therefore recommends the amendment for Frucote be accepted and the residue tolerances be established at 30 ppm in or on citrus, 3 ppm in cattle kidney, 0.75 ppm in milk and meat, fat and meat by-products (excluding kidney), and 90 ppm in dried citrus pulp and citrus molasses.

**Robert P. Schmidt, D.V.M.
Toxicology Branch
Pesticides Tolerances Division**

**cc: JGCummings PRD/EPA Atlanta Branch(Lewis) Perrine Branch
 Division Reading File Branch Reading File PPF 1F1157**

**R/D Init:CHWilliams 5/1/72
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