

Reevaluation No. 1 of pp No. OF0984  
for O,O-dimethyl S-[4-oxo-1,2,3-  
benzotriazin-3(4H) ylmethyl] phos-  
phorodithioate (Guthion)  
Submitted by Chemagro Corporation  
Filed May 21, 1970  
Revised December 4, 1970

## I. Introduction

1. See our evaluation dated July 15, 1970.
2. See our opinion dated July 16, 1970, and sent July 20, 1970.
3. The petitioner responded to questions in our memorandum of July 20, 1970, as follows:

(1) We will accept the explanation of petitioner in connection with question (no. 1) that the inconsistency in residue data resulted from an improper spray pattern in report No. 26843.

(2) The reference to question (No. 2) there were no dilutions of the formulations used. All applications to the crops for residue sampling were in ultra low volume.

(3) In reply to questions 3 and 4 the petitioner limited the inadvertant application of Guthion only to sorghum. Sorghum is grown adjacent to cotton or parrellel to cotton.

(4) Label has been ammended by deleted the interplanted with cotton.

## II. Conclusion

The residue data on sorghum indicated that residues are very close to the proposed tolerance of 7.0 ppm.

Residue data should reflect inadvertant crop spraying in accordance with label directions for the crop intended to be sprayed (cotton). The procedure would allow a reasonable and meaningful interpretation and evaluation of the residue data on sorghum as related to the target crop (cotton).

NOTE - other registration for rates as high as 1 lb. A/A for sprays on cotton.

## III. Recommendation

A favorable opinion is given. See conclusions.

NOTE - 70-15 data submitted on Feb. 25, 1970, and reviewed. See review. Further testing needed.

**Subject:** Opinion for Tolerance  
Pesticide Petition Number OF0984  
Tolerances for O,O-dimethyl s-[4-oxo-  
1,2,3-benzotriazin-3 (4H) ylmethyl]  
phosphorodithioate (Guthion)  
Submitted by Chemagro Corporation  
Filed May 21, 1970

**To:** Mr. C. L. Smith, Head  
Petitions Control Office

Please refer to the Divisions memorandum of July 20, 1970.

On December 4, 1970, the petitioner responded to the departments memorandum of July 20, 1970.

The revised opinion is favorable to the proposed tolerance in or on sorghum grain.

It should be noted that there are registered uses for Guthion on cotton at rate as high as 1 pound actual per acre.

Chemicals Evaluation Staff

FTSanders/REney:sd 5-5-71