

REney:rjt
2/1/68

Reevaluation of Pesticide Petition No. 7P0539
for O,O-Dimethyl S-[4-oxo-1,2,3-benzotriazin-3(4H)-ylmethyl]
phosphorodithioate (Guthion)
Submitted by Chemagro Corp.
Filed October 3, 1966
Letter of December 5, 1967

INTRODUCTION

Note the changes with letter of May 22, 1967 was never sent to the New Chemical Evaluation Staff. It appears that FDA has given opinion on this letter. We will give an opinion for letter dated December 5, 1967.

The petitioner revised Section B and F. These changes will be listed along with the proposals in the original petition.

Crop	(Old) 10/5/66		(New) 12/5/67	
	PHI	Tol.	PHI	Tol.
Beans	30	0.1	Same	0.3 /
Blackeyed peas	7	0.1	"	0.3 /
(So. peas, crowder peas)				
Eggplant	Prior to Fruit set	0.1	"	0.3
Filberts	-	-	30	0.3 /
Pecans	To husk split	0.1	Prior to husk split	0.3 /
Walnuts	"	0.1	Prior to husk split	0.3 /
Potatoes	7	0.1	Same	0.3 /
Peppers	3	0.5	Same	0.3
Soybeans	21	0.1	45	0.2 /
Soybean oil	-	-	-	1.0 /

Crop	(Old) 10/5/66		(New) 12/5/67	
	PHI	Tol.	PHI	Tol.
Celery	14	2.0	Same	Same
Cucumbers	1	2.0	Same	Same
Melons (honeydew, watermelon, other melons)				
Blueberries	0.375	5.0	Same	Same

Deleted onion (green), onion (dry) wheat and oats.

Dosage for filberts is 1 to 3 pts/A (0.25 to 0.75 lb.A/A) repeat as necessary. Do not graze treated groves for 21 days after last application. Pecans & walnuts also have the 21 day grazing caution.

Soybean oil proposed tolerance appears on Food Additive Petition No. 8H2201.

Cowpeas have been changed to blackeyed peas (southern peas, crowder peas).

RECOMMENDATION

A favorable opinion is given.

N/Q

To: William Stokes
Petitions Control Branch
Bureau of Science
Food and Drug Administration

From: Harry W. Hays, Director

Subject: Pesticide Petition Number 7F0539 requesting tolerances for O,O-dimethyl 5-[4-methoxy-1,2,3-benzotriazin-3(4H)-ylmethyl] phosphorodithioate (Guthion) submitted by Chemagro Corporation, and filed October 5, 1966.

Please refer to our memorandum of November 1, 1966.

On December 3, 1967, the petitioner submitted revised Sections 3 and F. Section 3 has been amended as follows:

1. The pre-harvest interval for soybeans has been changed to 45 days.
2. Cowpeas has been changed to blackeye peas (southern peas and crowder peas).
3. The use of Guthion on filberts has been added.

Section F has been amended as follows:

1. The proposed use and tolerances for Guthion in or on onions (green and dry), wheat and oats has been deleted.
2. The new proposed tolerances for Guthion are 0.1 part per million (ppm) in or on beans, blackeye peas (southern peas, crowder peas), eggplant, filberts, pecans, walnuts, potatoes and peppers; and 0.2 ppm in or on soybeans.

As required by Public Law 518, 83rd Congress, we herein offer an opinion as to whether the proposed tolerances reasonably reflect the amounts of residues likely to result when this pesticide chemical is used as proposed.

It is the opinion of this Department that the proposed tolerances reasonably reflect the amounts of residues likely to result.

It is noted that Section F requests a tolerance for Guthion of 1.0 ppm in soybean oil. No opinion is given since Food Additive Petition No. 8N1201 includes this proposal.

ARS:PR:REney:JAShaughnessy:rjt

2/7/68