

90-Dimethyl
✓

Environmental Chemistry Evaluation for S-[4-oxo-1, 2, 3 - benzotriazin -3
(4 ~~1~~) - yl) methyl] phosphorodithioate (Guthion)

Reg. No.: 3125-25, 102
Company: Chemagro
Letter of March 20, 1975

4-23-75

1. RECOMMENDATIONS

1.1 Object to the increased number of applications.

1.2 No new uses will be considered until previously requested 70-15 data has been submitted:

1.2.1 Soil leaching study using labeled material. Soil should be Lakeland fine sand, sandy loam and silty clay loam. Break-through point should be determined. Soil should be fortified and left undisturbed for one week and one month before eluting starts.

1.2.2 A soil degradation study is needed. Labeled material should be used to determine material balance. Samples should be used to determine material balance. Samples should be collected at PHI's of 0 day, 1 week, 3, 6, 12, and 20 weeks.

1.2.3 Answers to 2(a), (b), (c), (d) and 5(a), (b), and (c) in PR Notice 70-15.

1.2.4 Runoff studies should have included separate analysis silt, soil particles from runoff water.

1.2.5 A fish residue study is needed.

2. INTRODUCTION

2.1 Applicant wants to increase number of application of the insecticide Guthion from 2 to 5 on citrus.

3. DIRECTIONS FOR USE

3.1 The maximum rate of application is 4.5 lb ai/acre. The proposed use could result in a maximum of 22.5 lbs. ai/acre.

4. DISCUSSION OF DATA

No new environmental chemistry data submitted.

5. CONCLUSION

In RD letter of March 27, 1972 we ask for 70-15 data within 1 yr.

RE Ney 4/23/75

Ronald E. Ney, Jr.
4/11/75

Joe B. Boyd
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4/21/75