



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, D.C. 20460

MAR 16 1984

MEMORANDUM

OFFICE OF  
PESTICIDES AND TOXIC SUBSTANCES

SUBJECT: EPA Reg. No. 359-706. Aliette (Fosetyl-Al) on non-bearing citrus.

FROM: A. R. Rathman, Chemist  
Residue Chemistry Branch  
Hazard Evaluation Division (TS-769) *A. Rathman*

THRU: C. L. Trichilo, Chief  
Residue Chemistry Branch  
Hazard Evaluation Division (TS-769) *CT*

TO: H. Jacoby, Product Manager #21  
Registration Division (TS-767)

Rhone-Poulenc Inc. is requesting registration of Aliette 80WP Fungicide (aluminum tris (O-ethyl phosphonate)) on non-bearing citrus.

The proposed use calls for application at a rate of 5 lbs/100 gal to the point of run-off; this is equivalent to 4 lbs ai/100 gal with a maximum of 400 gal of spray/A for a maximum of 16 lbs ai/A. Four applications may be made per year. The trees to be treated must not produce marketable fruit for 12 months after the application (fruit in CA are not to be treated).

The metabolism of Aliette on grape vines and pineapples was discussed in the R. Cook review of PP2F2702/FAP3H5397 dated 7/13/83. These data showed little if any translocation taking place. The compound degrades fairly rapidly to phosphorous acid and probably ethanol. Additionally, total radioactivity decreased rapidly with only 14% remaining 120 days after application.

No fruit would be present when applications would be made. Therefore, it appears highly unlikely that any residues would be present in mature fruit and we would consider this a non-food use.

Conclusion and Recommendation

We believe this use is a non-food use and recommend for registration of Aliette on non-bearing citrus.

TS-769:RCB:A.Rathman:Edited by vg:CM#2:Rm810:X77377:3/15/84  
cc: R.F., Circu., Reviewer, Aliette, Amended Use SF, Non-Food Use  
RDI: E. Zager, 3/14/84; R. Schmitt, 3/14/84

1  
1  
212