

US EPA ARCHIVE DOCUMENT



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

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MAR 30 1983

OFFICE OF  
PESTICIDES AND TOXIC SUBSTANCES

MEMORANDUM

SUBJECT: 83-NJ-14. Proposed Section 18 exemption for the use of Bayleton on asparagus in N.J.

FROM: *for R. Loranger*  
Edward Zager, Chemist  
Residue Chemistry Branch  
Hazard Evaluation Division (TS-769)

TO: Emergency Response Section  
Registration Division (TS-767)

and

Toxicology Branch, HED (TS-769)

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

The New Jersey Department of Environmental Protection requests a Section 18 exemption for the use of Bayleton 50 WP (50% triadimefon) to control asparagus rust on asparagus.

The proposed use calls for 4 applications at the rate of 1 oz. act/A with a PHI of about 6 months. It is estimated that 1,500 acres will be treated between July 1, 1983 and October 1, 1983.

The metabolism of Bayleton in plants was discussed in our review of PP#OG2300 (memo of J. Worthington, April 10, 1980). For the purpose of this Section 18 use we consider the residue of concern to be Bayleton and its metabolite KWG 0519 ( $\beta$ -(4-chlorophenoxy)- $\alpha$ -(1,1-dimethyl-ethyl)-1H-1,2,4-triazol-1-ethanol).

No residue data reflecting this use are available. However, taking into consideration the rapid dissipation of Bayleton residues (see for example PP#OF2393, Bayleton on

cucumbers), the low application rate and long PHI, we estimate that residues of Bayleton and its metabolite KWG0519 will not exceed 0.1 ppm in or on asparagus as a result of the proposed use.

Meat, Milk, Poultry and Eggs

There are no livestock feed items involved in this use and consequently no problem with secondary residues in meat, milk, poultry and eggs.

Conclusions

1. Residues of Bayleton and its metabolite KWG 0519 will not exceed 0.1 ppm in or on asparagus as a result of the proposed use.
2. There will be no problem with secondary residues of Bayleton in meat, milk, poultry and eggs from this use.

Recommendation

TOX considerations permitting, we have no objections to the issuance of this Section 18 exemption. An agreement should be made with FDA regarding the legal status of the treated commodity in commerce.

cc: Bayleton SF, Sect 18 SF  
R.F.  
Circu  
Reviewer  
Subject File  
Section 18, S.F.

RDI:Section Head:RSH>Date:3/22/83:RDS>Date:3/22/83  
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