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

MAR 17 1992

MEMORANDUM

OFFICE OF  
PESTICIDES AND TOXIC  
SUBSTANCES

SUBJECT: PP#9G3746 and EPA Reg. No. 707-EUP-121. Fenbuconazole  
in or on the Stone Fruits Crop Group.

Review of Request for Extension of Temporary Tolerance and  
Experimental Use Permit. Letter of 28 August 1991.

CBTS#: 9515, 9519 DP Barcode: D169153, D175516  
HED#: 2-1635, 2-1663 MRID#: No new data.

FROM: Maxie Jo Nelson, Ph.D., Chemist  
Tolerance Petition Section I  
Chemistry Branch I - Tolerance Support  
Health Effects Division (H7509C) *mjn*

THRU: Robert S. Quick, Section Head  
Chemistry Branch I - Tolerance Support  
Health Effects Division (H7509C) *Robert S. Quick*

TO: D. Wilson/C. Giles-Parker, PM Team 22  
Fungicide-Herbicide Branch  
Registration Division (H7505C)

BACKGROUND

By letter of 28 August 1991 (received CBTS 3/11/92), Rohm and Haas Company requests an extension for its experimental use program for RH-7592 fungicide (fenbuconazole) on stone fruit (707-EUP-121) until 31 October 1993.

The same time extension is also requested for the temporary tolerance established for residues of fenbuconazole in/on the stone fruits crop group at 1.0 ppm (PP# 9G3746).

The initial approval of the EUP and temporary tolerance was granted by EPA 15 February 1990. The approval was for 279 gallons of RH-7592 2F Agricultural Fungicide (558 lbs ai) per year and 730 acres per year.

The approval was amended and approved 22 February 1991 and continued to 31 October 1991. That approval was for 234.4 gallons of RH-7592 2F (468.5 lbs ai) per year and 625 acres per year.

The extension now requested would continue the experimental use program at 234.4 gallons of RH-7592 2F (468.5 lbs ai) per year and 625 acres per year until 31 October 1993.

**DISCUSSION**

Rohm and Haas Co. states the extension is requested because they wish to collect additional efficacy and residue data in certain states, including data on air versus ground applications.

A revised label (dated 8/15/91) for RH-7592 2F on stone fruits is submitted which does not prohibit aerial application. The proposed use pattern is otherwise unaltered.

No new field trial data are submitted. The previously submitted residue data (MRID#s 410312-40 and -41, peaches; MRID# 410312-42, cherries; and, MRID# 410312-43, plums) are discussed in our (F. B. Suhre) review of 11/15/89, PP#9G3746 (DEB#s 5301 and 5302).

None of those residue data were from Craven Laboratories. The performing laboratory in all cases was Rohm and Haas Laboratories, Spring House, PA.

We conclude that residues of fenbuconazole in/on stone fruits from ground or aerial application in accordance with the proposed use pattern are not likely to exceed the existing temporary tolerance of 1.0 ppm.

**RECOMMENDATION**

Toxicological considerations permitting, CBTS has no objection to the requested extensions until 31 October 1993 of the EUP and temporary tolerance of 1.0 ppm for residues of fenbuconazole in/on the stone fruits crop group.

cc: M. Nelson, Reading File, Circulation (7), Fenbuconazole Subject File, PP#9G3746, D. Edwards, PIB/FOD (C. Furlow), TOX.

H7509C:CBTS:MJN:mjn:CM#2:Rm810:305-7324:FENB3746.EUP:3/16/92.  
RDI:SecHd:RSQuick:3/16/92:BrSrScientist:RALoranger:3/17/92.

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