

OPP 2004-072-0004

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

OFFICE OF
PREVENTION, PESTICIDES
AND TOXIC SUBSTANCES

Memorandum

SUBJECT: Fluometuron Use Closure Memorandum
PC Code 035503

FROM: Kylie Rothwell, Chemical Review Manager
Reregistration Branch 3
Special Review and Reregistration Division

TO: Fluometuron RED Team

DATE: July 9, 2004

The purpose of this memorandum is to provide use information that will be incorporated into the preliminary risk assessments for fluometuron. This memorandum presents information based on the March 29, 2004 SMART Meeting; subsequent discussions with the technical registrants, manufacturers, and stakeholders; and the Agency's review of product labels. This memorandum and the attachments will serve as the Agency's record of common understanding of the fluometuron use (cotton) to be considered in risk assessments being prepared for the Fluometuron Reregistration Eligibility Decision (RED).

The only registered use for fluometuron is cotton, and its associated application and usage information is described in the Cotton Use Information table below and the following attachments: Table 1. Maximum Fluometuron Use Rates and Management Practices by Crop Based on Current Labels, dated 3/30/04; Table A2. Food/Feed Use Patterns Summary for Fluometuron, dated 4/6/04; the Screening Level Estimates of Agricultural Uses of Fluometuron (SLUA), dated 3/16/04; and slides presented at the SMART Meeting. The formulations of fluometuron are soluble concentrate/liquid, wettable powder, emulsifiable concentrate, and dry flowable. According to information provided by the registrant at the SMART meeting (see attached slides), fluometuron annual usage has dropped dramatically in the last 4 years from approximately 3.7 million lbs active ingredient in 2000 to approximately 1 million lbs active ingredient in 2003. The table below summarizes maximum application rates for use on cotton:

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Cotton Use Information

Commodity	Use Rate
cotton	1) Preemergence (up to 2 lbs ai per acre) 2) Preplant (up to 2 lbs ai per acre) 3) Postemergence (up to 2 lbs ai per acre) Maximum single application rate: 2 lbs ai per acre Maximum number of applications: 3 applications per year Maximum yearly application rate: 6 lbs ai per acre

It is our understanding that this information will allow EFED to submit the preliminary ecological risk assessment to SRRD in September 2004, and allow HED to submit the preliminary human health risk assessment to SRRD in November 2004, as is currently scheduled. The Fluometuron RED is scheduled for completion in September 2005. Please let me know as soon as possible if there are any changes to this schedule.

Should new use information become available during the development of the preliminary risk assessments, please inform me as the Chemical Review Manager so that I can coordinate the information with the entire team. If you have any questions or concerns regarding this memorandum, please contact me at (703) 308-8055.

Attachments