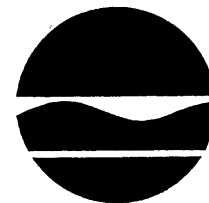


New York State Department of Environmental Conservation

Division of Solid & Hazardous Materials
Bureau of Pesticides & Radiation
Pesticide Product Registration Section
50 Wolf Road, Albany, New York 12233-7257
Phone 518-457-7446 FAX 518-485-8990

W. Smith



John P. Cahill
Acting Commissioner

June 16, 1997

R. T. Weiland, Ph.D.
Technical Manager
Uniroyal Chemical Company, Inc.
World Headquarters
Middlebury, CT 06749

Dear Dr. Weiland:

Re: Denial of FIFRA Section 2 (ee) Recommendation for **Dimilin® 25W Insect Growth Regulator** (EPA Reg. No. 400-465)

This is in response to your letter dated May 13, 1997 in which you requested reconsideration of the referenced 2 (ee) recommendation for use in New York State. The recommendation seeks to allow applications of Dimilin® to coincide with the R3 to R3.5 growth stages in soybeans to obtain yield enhancement. The original 2 (ee) recommendation was determined to be unacceptable (reference letter from M. Serafini to R. Weiland, dated May 5, 1997) because of a lack of data demonstrating the effectiveness of the proposed use and concern regarding non-compliance with established tolerances.

Per your request, we have re-evaluated the recommendation in light of the information submitted with your May 13, 1997 letter and your conversation on June 4, 1997 with Teresa Foster of my staff. You submitted additional data with the May 13, 1997 letter in response to our initial concerns. We now understand that the recommended application period would not compromise compliance with established tolerances. Also, the submitted data show that soybean yield increases can occur when Dimilin® is applied as proposed. However, upon further review, it is our contention that the recommendation as proposed does not fall within the scope of FIFRA 2 (ee) for the following reason:

Dimilin® is currently registered in New York State for use as an insect growth regulator to control foliar feeding insects on soybeans. The proposed 2 (ee), however, appears to recommend use of Dimilin® as a plant growth regulator. Since the resulting effect is soybean yield enhancement, the mode of action most likely involves controlling some aspect of the physiology of the plant, although we understand that the mechanism has not been conclusively elucidated. A recommendation which involves a different targeted species (plant vs. insect) and mode of action from the currently registered use is considered a major new use and would thus not fall within the scope of FIFRA 2 (ee).

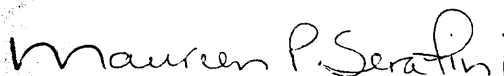
R. T. Weiland, Ph.D.

2.

Therefore, we find the proposed recommendation for Dimilin® **unacceptable** for use in New York State pursuant to Section 2 (ee) of FIFRA, as amended. New uses such as this must first be approved by the United States Environmental Protection Agency (USEPA) before consideration for use in New York State. We recommend that you apply for registration in New York State once federal registration for the proposed use is obtained.

If you **have** any questions regarding this matter, please contact Teresa Foster at (518) 457-4776.

Sincerely,



Maureen P. Serafini
Supervisor
Pesticide Product Registration Section

bcc: W. Smith, Cornell
B. Seeley
T. Foster
Product File

MPS:scy
(DIMILIN2.DEN)