



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

10-21-82

MEMORANDUM

OCT 21 1982

TO: Richard Mountfort (23)
Registration Division (TS-767)

THRU: Orville E. Paynter, Ph.D.
Chief, Toxicology Branch
Hazard Evaluation Division (TS-769)

OFFICE OF
PESTICIDES AND TOXIC SUBSTANCES

SUBJECT: Review of Protocol for Rat Chronic/Oncogenicity Study
of Thidiazuron

CASWELL#7659A

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Registrant: Nor-Am Agricultural Products
350 West Shuman Blvd.
Naperville, Illinois 60566

Recommendation/Discussion:

The submitted protocol appears adequate. However, this reviewer notes that a potential problem may arise with the intended dose levels of 0, 70, 200 and 600 mg/kg (equivalent to 0, 1400, 4000 and 12000 ppm). Compound related effects on mortality and body weight were suggested in a chronic/oncogenicity study conducted in the rat at IBT (8560-09631, classified as Supplementary Data) at a dose level of 500 ppm. Therefore, if dose levels of 500 ppm and greater induce toxicity in the rat, it is probable that the dose levels proposed in the submitted protocol may not result in the establishment of a NOEL.

Gary J. Burin
Gary J. Burin, Toxicologist
Toxicology Branch
Hazard Evaluation Division (TS-769)

LOC
10/19/82
10/21/82

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