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

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MEMORANDUM

OFFICE OF
PESTICIDES AND TOXIC SUBSTANCES

SUBJECT: Screen of an Ametryn Chronic Feeding Study in Rats.

EPA No. 80801-04
Record No. 253683, 253808

Project No. 0-0056
Tox. Chem. No. 431

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Ametryn was recently selected to be a pilot chemical in the FIFRA 88 review process. A Chronic Feeding/Oncogenicity Study in Rats (Ciba Geigy, Project No. 842119, August 24, 1987) was screened for acceptability for review at that time. The study was found to be unacceptable by HED Acceptance Criteria.

The report did not mention the purity of the test article. There were three dose groups. The dose level for the high-dose group was reduced twice (from 5000 ppm to 4000 ppm to 2000 ppm) because of severe weight changes. This matter will require further scrutiny. Survival to termination (2 years) was low in all groups, but especially in the controls (43%). Creatinine was not measured. This parameter is not strictly required, and BUN was measured in its place. This study received Quality Assurance review.

Because of these inadequacies, the Registrant should be required to initiate a new study unless these issues can be resolved.