

US EPA ARCHIVE DOCUMENT



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

DEC 1 1987

Ralph Swanson  
Assistant Regional Director  
Federal Assistance  
U.S. Fish and Wildlife Service  
Lloyd 500 Building, Suite 1692  
Portland, Oregon 97232

OFFICE OF  
PESTICIDES AND TOXIC SUBSTANCES

Dear Mr. Swanson:

A hazard assessment for ethoprop has been completed by the Ecological Effects Branch (EEB). EEB has determined that the use of this pesticide at current application rates exceeds the level of concern for endangered insects, birds and mammals.

With your Agency, EPA developed a Memorandum of Understanding (MOU) dated September 12, 1987. This MOU allows the Agency, with Fish and Wildlife Service concurrence, to adopt reasonable and prudent alternatives provided in previously issued biological opinions for products of similar toxicities and use patterns to avoid jeopardy to endangered species.

In this case EEB would refer to the carbofuran opinion of May 1, 1987 to determine the labeling requirements for ethoprop when used on peanuts. The carbofuran opinion indicated jeopardy to the Attwater's greater prairie chicken and recommended that the use of carbofuran be prohibited in the following Texas counties: Refugio, Austin, Colorado, Galveston, Brazoria, Goliad, Victoria, Aransas, and Harris.

EEB has enclosed the hazard assessment for ethoprop (trade name: Mocap) and two copies of the form: Summary of Adoption of Reasonable and Prudent Alternatives. Please sign and return one set to us with comments, as appropriate. If we can be of further assistance, please feel free to contact Dennis McLane FTS 557-1993. We look forward to hearing from you in the near future.

A handwritten signature in cursive script that reads "Henry T. Craven".

Henry T. Craven  
Acting Chief  
Ecological Effects Branch  
Hazard Evaluation Division  
(TS-769-C)

Summary of EPA Adoption  
of Reasonable and Prudent Alternatives

Pesticide Ethoprop  
                name(s)

Action Nematicide  
                Insecticide

Registration No. \_\_\_\_\_

Registration Standard? YES

Use patterns Peanuts ; \_\_\_\_\_

May affect situation determined because of toxicity to:

( ) Aquatic

                ( ) Fish

                ( ) Invertebrate

(X) Terrestrial

                (X) Avian

                (X) Mammal

                (X) Insect

( ) Plant

Rationale:

Ethoprop exceeds the levels of concern for mammals, birds  
and insects. The carbofuran biological opinion of May 1,  
1987 indicated the grassland habitat supporting Attwater's  
prairie chickens is frequently juxtaposed to sorghum and  
peanuts croplands throughout its' range. Based on these  
items EEB has requested adoption of reasonable and  
prudent alternatives recommended for carbofuran be  
applied to ethoprop products with use on peanuts.

Biological opinion(s) referenced: Carbofuran , dated 5-1-81 ;

Listed species in jeopardy: Attwater's greater prairie chicken

Signature	Title	Date
<input type="checkbox"/> Concur	<input type="checkbox"/> Non-concur (indicate reason below)	

Comments: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_