



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

APR 15 1991

**MEMORANDUM**

OFFICE OF  
PESTICIDES AND TOXIC SUBSTANCES

**SUBJECT:** EPA Reg. No. 100-639. **Apron® 25W Fungicide** [metalaxyl] over-tolerance residues in sorghum seed treatment study. No MRID; D162911. CBRS 7841.

**FROM:** Kenneth W. Dockter, Chemist *Kenneth Dockter*  
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Chemistry Branch II, Reregistration Support  
Health Effects Division (H7509C)

**THRU:** A.R. Rathman, Section Head *ARR*  
Special Registration Section I  
Chemistry Branch II, Reregistration Support  
Health Effects Division (H7509C)

**TO:** Susan Lewis / Benjamin Chambliss, PM Team 21  
Registration Division (H7505C)

Pursuant to FIFRA § 6(A)(2) Ciba-Geigy Corp. has, by Certified Mail, dated 3/6/91, reported metalaxyl residues which exceed the established tolerance for seed treatment to Grain Crops.

Metalaxyl is a List A chemical. The Metalaxyl Registration Standard issued in 1987.

Tolerances are established for the combined residues of the fungicide metalaxyl [N-(2,6-dimethylphenyl)-N-(methoxyacetyl) alanine methyl ester] and its metabolites containing the 2,6-dimethylaniline moiety, and N-(2-hydroxy methyl-6-methyl)-N-(methoxyacetyl)-alanine methylester, each expressed as metalaxyl, in or on grain crops at 0.1 ppm.

The adverse data provided in the current package as received by CBRS consist entirely of a summary statement that, 1 replicate in 1 trial in field studies conducted for reregistration resulted in overtolerance residues in grain sorghum forage; with the level observed as 0.15 ppm. Also, the Company claims: 1) they are readying this report for submission to the Agency by the 5/6/91 due date; 2) they will submit the data according to the Standard's schedule; and 3) they will wait for our review of these data and "other previously submitted data" before filing a petition to amend the existing tolerance.

The "other previously submitted data" may be that referred

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to in the report of metalaxyl residues overtolerance in corn seed treatment studies, which see our 1/2/91 review; CBRS 7277.

We reiterate that, until the final [complete] reports are submitted, we are unable to provide detailed evaluations.

cc: K. Dockter (CBRS), Metalaxyl Reg. Std. & S.F., C. Furlow  
(PIB/FOD), Circulation (7), RF.  
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