US EPA ARCHIVE DOCUMENT

EEB BRANCH REVIEW

DATE: IN _____ OUT _____ IN 10/13/77 OUT 7/7/78 IN _____ OUT _____

FISH & WILDLIFE ENVIRONMENTAL CHEMISTRY EFFICACY

FILE OR REG. NO. 100-583

PETITION OR EXP. PERMIT NO. _____

DATE DIV. RECEIVED _____

DATE OF SUBMISSION _____

DATE SUBMISSION ACCEPTED _____

TYPE PRODUCT(S): I, D, H, F, N, R, S

PRODUCT MGR. NO. 24 Jacoby

PRODUCT NAME(S) Dual 6E Herbicide

COMPANY NAME Ciba-Geigy Corp.

SUBMISSION PURPOSE Revision of Crop Rotation Restriction

CHEMICAL & FORMULATION Metolachlor (2-chloro-N-(2-ethyl-6-methylphenyl)-N-(2-methoxy-1-methylethyl) acetamide)

1.0 Introduction

See Review January 6, 1978
See Review June 24, 1975, SF1606 for Crop Rotation date. Change in Crop rotation restriction.

2.0 Directions

Rotational Crops: 1) If treated corn is lost due to poor germination, hail, flood, insects, etc., corn may be replanted immediately. Do not make a second broadcast application of Dual 6E. If the original application was banded and the second crop is planted in the untreated row middles, a second banded treatment may be applied. 2) Small grains may be planted the fall following treatment. Corn, soybeans, root crops and small grains may be planted the spring following treatment. Do not graze or feed forage of fodder from small grains or soybeans to livestock. All other rotational crops may be planted 18 months after application without restriction.

Corn grown for grain excluding popcorn and sweet corn.

3.1 Conclusions

Residues are found in immature crops and forage. Residue in forage and fodder would be expected. Residues above sensitivity of method would not be expected in plant part used for human consumption.

5. Recommendation

Fate in the rotational crop is understood for this change in label restriction and supports such changes for the plant part consumed by humans.

P.M. Note that residues would be in forage and fodder or parts feed to livestock. RD needs policy on forage fodder.

Ronald E. Ney Jr. 7/13/78

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