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

MAR 7 1990

OFFICE OF
PESTICIDES AND TOXIC SUBSTANCES

MEMORANDUM

SUBJECT: WA-890034; 24(c) Simazine (Simazine® 80W Herbicide)
for use on Cabbage grown for Seed.
EPA Reg. No. 2749-163-AA.
(No MRID #, DEB No. 6353).

FROM: Freshteh Toghrol Ph.D., Chemist *F. Toghrol*
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THRU: Francis B. Suhre, Section Head *Francis B. Suhre*
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TO: J. Miller PM - 23
Herbicide/Fungicide Branch
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The Washington Department of Agriculture, has issued a Section 24(C) registration for the use of simazine (trade name: Simazine® 80W Herbicide) to control weeds in cabbage grown for seed.

Simazine® 80W Herbicide (EPA Reg. No. 2749-163-AA) is a registered pesticide of Aceto Agricultural Chemical Corporation; the formulation contains 80% simazine (2-chloro-4,6-bis-(ethylamino)-s-triazine) as its active ingredient.

Tolerances are established (40 CFR 180.213) for simazine (2-chloro-4,6-bis-(ethylamino)-s-triazine) in or on several raw agricultural commodities ranging from 0.02 ppm to 15.0 ppm.

A Registration Standard has been issued for simazine Residue Chemistry Chapter to Registration Standard dated 9/8/82, FRSTR, dated 3/1/84.

WA-890034 use

Two applications of 1 lb of Simazine 80W (0.8 lb ai)/A /application. One application in the fall after the start of the winter rainfall period for fall germinating weeds and one in the early spring just after the last cultivation. These applications are broadcast over-the-top sprays not directed or shielded applications and should be made before there is any significant emergence of seedling annual weeds. Labeled restriction include: Do not use crop, crop residue or seed screening for food or feed. Do not apply this product through any type of irrigation system. This 24(c) registration must be renewed annually.

No residue data were submitted with this Section 24(c), nor are residue data available in our file to support this use.

The Agency has previously determined (DEB Non-food^{use} file, 5/31/85, and D. Campt, 11/29/85) that the treatment of cabbage grown for seed is a non-food use provided treatment is restricted to the first year (seed propagation requires 2 years); and adequate restrictions are in place to assure that the crop is not diverted for human or animal consumption in the first year.

Conclusion and Recommendation

We have no objection to this 24(c) registration; provided the label is amended to restrict application to the first year of the two year seed propagation period for cabbage.

cc: Simazine S.F., R.F., Section 24(C), Registration Standard file, Circ., R. Schmitt, Branch Chief, F. Toghrol, DRES (R. Briggs) PMSD/ISB.
RDI: F. B. Suhre (3/6/90): E. Zager: Deputy Chief (3/7/90).
TS-H7509C:DEB:F.Toghrol:F.T.:RM:802:CM#2:557-7887:3/7/90.