



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

MAY 8 1987

OFFICE OF
PESTICIDES AND TOXIC SUBSTANCES

MEMORANDUM

SUBJECT: EPA. No. 10182-90: Paclobutrazol: Amended Label to
Change Restriction on Sugar Maple. No Access. No.
RCB No.2183

FROM: J. Garbus, Chemist *g*
Residue Chemistry Branch
Hazard Evaluation Division (TS-769)

THRU: A. Rathman, Section Head
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Residue Chemistry Branch
Hazard Evaluation Division (TS-769)

TO: R. Taylor / J. Miller, PM-25
Registration Division (TS-767)

ICI Americas Inc., Wilmington, DE, has submitted an amended label incorporating several revisions for CLIPPER tree growth regulator for ornamental trees. CLIPPER contains paclobutrazol as the active ingredient. RCB's concern regards its use on Acer saccharum, the sugar maple, which potentially could result in residues of paclobutrazol in maple sugar.

Paclobutrazol, (2RS,3RS)-1-(4-chlorophenyl)-4,4-dimethyl-2-(1H-1,2,4-triazol-1-yl) pentan-3-ol, is a plant growth retardant that acts to reduce vegetative growth and so reduce the need for trimming.

No tolerances have been established for paclobutrazol. A request, (PP# 6G3394), for a temporary tolerance is pending, awaiting the resolution of questions regarding the analytical method for residues in fruit. (J. Worthington, memo, 7/1/86)

In regard to the restriction on sugar maples, the current label reads "Do not treat sugar maple trees or any other trees that are or could be tapped for sugar." The proposed revision is "Do not treat sugar maple trees or any other trees that are or could be tapped for sugar within one year."

In its original review of the use of paclobutrazol as a tree growth regulator, RCB required a restriction against harvesting fruit and nuts during the year following treatment. (E. Zager, memo, 2/18/83). We have no objection if the same restrictive interval is made to apply to maple and other tree sugars.

cc: Circ., Subject File, PP# 6G3394, Non-Food Use F., R. F.,
Reviewer, PMSD/ISB
RDI:ARR:5/6/87:RDS:5/7/87
TS-769:JG:jg:RM:810:CM#2:5/7/87