

(Center Panel)

CLIPPER™ 50 WP

Tree Growth Retardant

ACTIVE INGREDIENT

(2RS,3RS)-1-(4-chlorophenyl)-4,4-dimethyl-2-1,2,4-triazol-1-yl-pentan-3-ol.....	50%
INERT INGREDIENTS.....	50%
TOTAL.....	100%

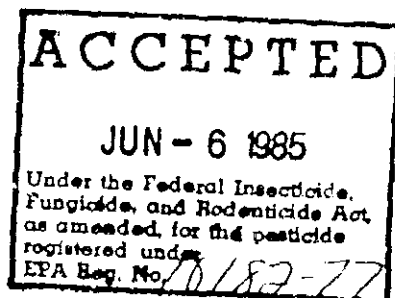
KEEP OUT OF REACH OF CHILDREN

WARNING

(See side panel for additional precautionary statements and statement of practical treatment

ICI Americas
Agricultural Chemicals Division
Wilmington, Delaware 19897

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[Registration Application
Revised 4/18/85 by JMW]

CLIPPER™ 50 WP
Application for Registration
Revised 4/18/85

**PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND
DOMESTIC ANIMALS**

WARNING

MAY BE FATAL IF INHALED. HARMFUL IF ABSORBED THROUGH SKIN. CAUSES SUBSTANTIAL BUT TEMPORARY EYE INJURY.

Avoid contact with skin, eyes or clothing. Do not breathe dust. Wear protective clothing, long sleeved shirt, rubber gloves, goggles or face shield and dust mask or pesticide respirator jointly approved by the Mine Safety and Health Administration and the National Institute for Occupational Safety and Health. Remove contaminated clothing and wash before reuse. Wash thoroughly with soap and water after handling.

STATEMENT OF PRACTICAL TREATMENT

IF ON SKIN, wash with plenty of soap and water. Get medical attention. IF INHALED, remove victim to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. Get medical attention. IF IN EYES, flush with plenty of water. Call a physician if irritation persists.

ENVIRONMENTAL HAZARDS

Do not contaminate water by cleaning of equipment or disposal of wastes. Do not apply directly to water or wetlands. In case of a significant spill, call CHEMTREC 800/424-9300.

PHYSICAL OR CHEMICAL HAZARDS

Do not use or store near heat or open flame.

STORAGE AND DISPOSAL

STORAGE: Keep container closed when not in use.

WASTE DISPOSAL: Do not contaminate water, food or feed by storage or disposal. Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide is a violation of federal law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

CONTAINER DISPOSAL: Do not reuse empty container. Completely empty bag into application equipment, then dispose of empty bag in a sanitary landfill or by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

NOTICE TO BUYER: Seller warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated on the label when used in accordance with directions under normal conditions of use. This warranty does not extend to the use of this product contrary to label instructions, or under abnormal use conditions, or under conditions not reasonably foreseeable to Seller and Buyer assumes the risk of any such use. SELLER DISCLAIMS ALL OTHER WARRANTIES EXPRESSED OR IMPLIED INCLUDING ANY WARRANTY OF FITNESS OR MERCHANTABILITY. SELLER SHALL NOT BE LIABLE FOR CONSEQUENTIAL, SPECIAL OR INDIRECT DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT AND SELLER'S SOLE LIABILITY AND BUYER'S EXCLUSIVE REMEDY SHALL BE LIMITED TO THE REFUND OF THE PURCHASE PRICE.

(Right Panel)

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. CLIPPER is a plant growth regulator that when used as directed, reduces regrowth in ornamental trees following trimming, thereby extending the trimming cycle. Apply CLIPPER to ornamental trees as shown below.

Application Rate Table

<u>Species</u>	<u>Amount of CLIPPER</u>
All injectable deciduous or Broadleaf evergreen trees.	6 oz* to 7.5 gallons of water or 4 level tablespoons per gallon

*1 oz of CLIPPER equals five level tablespoons. Shake canister before measuring. Make up only as required.

Injection Techniques

Trees that are 6 to 16 inches in diameter breast height (DBH) require 3 injection holes spaced equally around the tree trunk 24-36 inches above the ground. Trees greater than 16 inches DBH require 6 injection holes.

Drill injection holes horizontally into the trunk to intercept the outer sapwood. Injection holes should not exceed 2 1/2 inches in depth and drill diameter should not exceed 7/32 inch. Use injection pressures of 100 to 200 psi to facilitate rapid uptake. Do not exceed an injection pressure of 200 psi.

Injection Volume

The total injection volume (TIV) of CLIPPER solution depends upon the diameter breast height of the tree (DBH). Injection volumes and number of injection sites are determined by using one of the following formulas:

	<u>Number of Injection Holes Required</u>	<u>Total Injection Volume in ml (TIV)</u>	<u>Volume per Injection Hole</u>
for trees 6-16 inches DBH	3	$TIV = (DBH)^2 \times 1.59$	$\frac{TIV}{3}$
for trees greater than 16 inches DBH	6	$TIV = DBH \times 25.45$	$\frac{TIV}{6}$

Equipment

CLIPPER should be injected in a manner which results in even distribution throughout the tree. The pressurized injection system developed by the United States Department of Agriculture, Nursery Crop Research Laboratory, Delaware, Ohio (G.K. Brown, Journal of Arboculture 4:7-13) has proven effective for injection of CLIPPER.

Timing of Injection

CLIPPER can be injected into trimmed or untrimmed trees at any time of the year. Best results are obtained when trees are trimmed prior to injection. Tree trimming after injection can reduce the effectiveness of the compound.

Precautions

Do not inject CLIPPER:

- into trees that do not appear healthy
- into sugar maple trees or any other trees that are or could be tapped for sugar
- into fruit or nut trees that will be harvested within one year after application