

# AAtrex 4LC

## Herbicide

For use by Commercial Applicators

For season-long weed control in corn, sorghum, and cotton in other crops

### Active Ingredients:

Atrazine: 2-chloro-4-ethylamino-6-isopropylamino-s-triazine .....	40.8%
Related compounds .....	2.2%
Inert Ingredients: .....	57.0%
<b>Total:</b>	<b>100.0%</b>

AAtrex 4LC contains 4 lbs. active ingredients per gal.

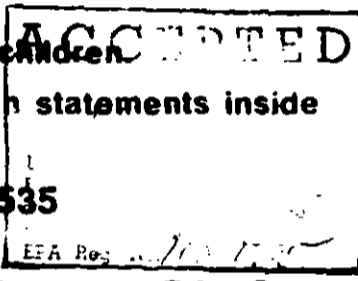
### Caution:

Keep out of reach of children

See additional caution statements inside booklet.

EPA Reg. No. 100-535

CGA 7L44D



CIBA-GEIGY

### DIRECTIONS FOR USE AND CONDITIONS OF SALE AND WARRANTY

**IMPORTANT:** Read the entire Directions for Use and the Conditions of Sale and Warranty before using this product

#### Conditions of Sale and Warranty

The Directions for Use of this product reflect the opinion of experts based on field use and tests. The directions are believed to be reliable and should be followed carefully. However, it is impossible to eliminate all risks inherently associated with use of this product. Crop injury, ineffectiveness, or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application all of which are beyond the control of CIBA-GEIGY or the Seller. All such risks shall be assumed by the Buyer.

CIBA-GEIGY warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes referred to in the Directions for Use subject to the inherent risks referred to above. **CIBA-GEIGY makes no other express or implied warranty of Fitness or Merchantability or any other express or implied warranty. In no case shall CIBA-GEIGY or the Seller be liable for consequential, special, or indirect damages resulting from the use or handling of this product.** CIBA-GEIGY and the Seller offer this product, and the Buyer and user accept it, subject to the foregoing Conditions of Sale and Warranty, which may be varied only by agreement in writing signed by a duly authorized representative of CIBA-GEIGY.

### General Information

AAtrex 4LC herbicide will control many annual broadleaf and grass weeds in corn and sorghum including barnyardgrass, witchgrass (*Panicum capillare*), yellow foxtail, green foxtail, wild oats, large (hairy) crabgrass, giant foxtail, velvetleaf, m. ringgrass, lambsquarters, pigweed, ragweed, nightshade, purslane, and mustard. AAtrex may be applied before or after weeds emerge.

Where use directions give a range of rates, use the lower rate on coarse-textured soil and soil low in organic matter, and the higher rate on fine-textured soil and soil high in organic matter.

Since AAtrex acts mainly through root absorption, its effectiveness depends on rainfall or irrigation to move it into the root zone. If weeds develop, a shallow cultivation or rotary hoeing will generally result in better weed control.

AAtrex 4LC is emulsifiable.

Avoid using where adjacent desirable trees, shrubs, or plants might be injured.

Failure to follow precautions may result in crop injury.

Note: CIBA-GEIGY does not recommend the use of AAtrex 4LC in combination with other herbicides or oils except as specifically described on the label or in literature published by CIBA-GEIGY.

### Application Procedures

#### Ground application

For the most uniform distribution of broadcast applications, use 80 flat fan-type nozzles. For band applications, use flat fan even spray nozzles. Screens and strainers should be no finer than 50-mesh. Use a pump with capacity to (1) provide sufficient agitation during mixing and application to keep material in suspension, and (2) maintain 30-40 psi operating pressure. Unless otherwise specified, use a minimum of 5 gal of water/A for preplant incorporated, preemergence, and postemergence (without oil, or surfactant) applications. Use a minimum of 10 gal of water/A for all postemergence applications combined with oil or surfactant.

For band applications, calculate amount to be applied per acre as follows:

band width in inches	broadcast	amount needed
row width in inches	rate per	per acre
	acre	of field

#### Aerial application

For preplant and preemergence broadcast treatments, apply at a 1:1 ratio of AAtrex 4LC to water (example: recommended rate of 1 qt of product is mixed with 1 qt of water/A). For postemergence treatments, apply the recommended rate of AAtrex 4LC or AAtrex 4LC plus oil in a minimum of 2 gal of water/A. Avoid applications under conditions where uniform coverage cannot be obtained or where excessive spray drift may occur.

Do not apply directly to humans or animals. Flagmen or loaders should avoid inhalation of spray mist and contact with skin, and should wash thoroughly before eating and at the end of each day's operation.

#### Application in water or fluid fertilizer applications

Fluid fertilizers may replace all or part of the water used as a carrier for preemergence and preplant applications of AAtrex 4LC. Check the compatibility of this product with liquid fertilizer and/or nitrogen solution before use. Do not apply in liquid fertilizers after corn or sorghum emerges as crop injury may occur.

#### Application in water plus emulsifiable oil or oil concentrate

Adding emulsifiable oil or oil concentrate to postemergence water-based sprays may improve weed control. However, under certain conditions, use of either emulsifiable oil or oil concentrate may seriously damage corn or sorghum. To minimize this possibility, follow directions, procedures, and precautions given below.

Use a crop oil designated for use with AAtrex 4LC containing 1-2% suitable emulsifier, or a suitable crop oil concentrate designed for use with this product and containing not more than 20% emulsifier or surfactant blend. Several oils and crop oil concentrates of these types are on the market. Emulsifiable oil and oil concentrate contaminated with water or other materials can cause compatibility problems and/or crop injury.