



TYPICAL LABEL

# ANTOR® 4ES

## EMULSIFIABLE SOLUTION

### Herbicide for Selective Weed Control in Sugarbeets

Active Ingredients	Percent by Weight
Diethyl ethyl: [N-(chloroacetyl)-N-(2,6-diethylphenyl) glycine, ethyl ester] .....	43.3
Inert Ingredients .....	56.7
EPA Reg. No. 45639-54	100.00
This product contains 4 lbs. active ingredient per gallon.	

ACCEPTED  
APR 7 1985

45639-54

**KEEP OUT OF REACH OF CHILDREN**

### WARNING

#### STATEMENT OF PRACTICAL TREATMENT

**If swallowed:** Do not induce vomiting. Call a physician immediately. See "Note to Physician."

**If in eyes:** Flush with plenty of water. Get medical attention.

**If on the skin:** Wash skin with soap and plenty of water.

**NOTE TO PHYSICIAN** — Contains monochlorotoluene solvent.

SEE SIDE PANELS FOR ADDITIONAL PRECAUTIONARY STATEMENTS.

**PRECAUCION AL USUARIO:** Si usted no lee ingles, no use este producto hasta que la etiqueta le haya sido explicada ampliamente.

NET CONTENTS 5 GALLONS



Sold by: **BFC CHEMICALS, INC.**

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## DIRECTIONS FOR USE

It is a violation of federal law to use this product in a manner inconsistent with its labeling. Read entire Directions for Use and Disclaimer of Warranties before using this product.

### GENERAL INFORMATION

Antor 4ES is a selective soil-applied herbicide for use in sugarcane. It can be applied either preplant incorporated or preemergence. The seedbed should be firm, fine and free of clods and trash. When applied preemergence, Antor 4ES requires rainfall or irrigation prior to weed germination for optimum weed control. Similarly, when applied preplant incorporated, moisture in the form of rainfall, irrigation or existing soil moisture must be available to activate the product.

When dry weather conditions prevail or furrow irrigation is used, preplant incorporation of Antor 4ES is recommended for best results.

### WEED SPECIES CONTROLLED:

Annual Grass Weeds					
Barnyardgrass ( <i>Heteropogon</i> ) Yellow foxtail Green foxtail Giant foxtail Fall foxtail Wild oats	<i>Echinochloa crus-galli</i> <i>Setaria glauca</i> <i>Setaria viridis</i> <i>Setaria faberii</i> <i>Setaria italica</i> <i>Avena fatua</i>	Cenchrus Johnsongrass (seedling) Large crabgrass	<i>Phalaris carolinensis</i> <i>Sorghum halepense</i>  <i>Digitaria sanguinalis</i>	Italian ryegrass (annual) Broadleaf signalgrass Witchgrass Junglerice Fall panicum	<i>Lolium multiflorum</i>  <i>Brachiaria platyphylla</i> <i>Panicum capillare</i> <i>Echinochloa colonum</i> <i>Panicum dichotomiflorum</i>
Annual Broadleaf Weeds					
Redroot pigweed Prostrate pigweed	<i>Amaranthus retrofractus</i> <i>Arcyuthus bioides</i>	Black nightshade Annual sunflower	<i>Solanum nigrum</i> <i>Sonchus oleraceus</i>	Groundcherry Shepherdspurse	<i>Physalis longifolia</i> <i>Capsella bursa-pastoris</i>

### SPRAY EQUIPMENT

Apply Antor 4ES alone or in tank mixes using standard low pressure (20-50 psi) spray equipment. The equipment should be carefully calibrated before use and checked frequently during application to ensure that it is functioning properly. Uniformly apply the recommended rates. Use a spray volume of 20 to 40 gallons per acre broadcast basis. Use proportional amounts for band spraying. See section on Band Applications for calculations.

### MIXING THE SPRAY

For Antor 4ES alone, add 1/4 to 1/2 the total amount of water to the tank. Then add the required amount of Antor and the remaining quantity of water with the bypass agitator running. When tank-mixing Antor 4ES with wettable powders, mix the proper amount of wettable powder formulation into half the required amount of water in the spray tank with the agitator running. Add the required amount of Antor 4ES and then add the remaining required amount of water. Before tank-mixing with other herbicides, refer to the specific product labels for additional mixing directions.

### BAND APPLICATION

To determine the amount of Antor 4ES or tank-mixed emulsifiable concentrates needed per acre by band application, divide band width in inches by row width in inches and multiply the answer by the recommended broadcast rate in quarts. To determine the pounds of wettable powder needed per acre when tank-mixed with Antor 4ES, divide band width in inches by row width in inches and multiply the answer by the recommended broadcast rate in pounds.

## ANTOR 4ES USED ALONE — ALL AREAS

### PREPLANT INCORPORATED

In arid regions where furrow irrigation is practiced or where the rainfall pattern is erratic, soil incorporation of this product is required to provide optimum weed control.

Apply Antor 4ES to the soil surface broadcast or as a band treatment preplant or at the time of planting and incorporate. Use the recommended rates in Dosage Table 1.

Incorporation immediately after application is not required but must be done prior to weed germination. Use a hooded-power or ground-driven rotary tiller, rolling cultivator or similar equipment properly adjusted to uniformly incorporate Antor 4ES to a depth of 1 to 2 inches. Deeper incorporation may reduce effectiveness.

Where sugarcane are grown in beds, apply Antor 4ES after bedding and incorporate. Irrigate until tops of beds are thoroughly wetted. Incorporation is recommended in the Red River Valley of Minnesota and North Dakota where rainfall is erratic or marginal.

### PREEMERGENCE

Preemergence application of Antor 4ES is recommended where sprinkler irrigation is used for crop germination and where rainfall can be depended on to activate the product.

Apply Antor 4ES to the soil surface, either broadcast or as a band treatment at time of planting or shortly after, but prior to weed germination. One-half inch of rainfall or irrigation is usually adequate for activation. It is important that the top 2 inches of soil be thoroughly wetted. Refer to Dosage Table 1 for recommended rates.

DOSAGE TABLE 1 Antor 4ES Alone — All Areas	
Soil Texture	Broadcast Rate of Antor 4ES Per Acre <sup>1</sup>
Coarse: Loamy sands and sandy loams	3 qts.
Medium/Fine: Loams, silt loams, clay loams and clays containing less than 5% organic matter	4 to 6 qts. <sup>2</sup>
Fine: Clay loams and clays containing more than 5% organic matter	6 qts.

<sup>1</sup>See section on Band Application for calculation of proportional amounts.

<sup>2</sup>Use higher rates on heavy clay soils or where black nightshade or groundcherry are expected to be a problem.