

# EM H<sub>2</sub>O 8263

A CONTACT, NON-SELECTIVE VEGETATION  
KILLER FOR THE CONTROL OF BROADLEAF  
WEEDS, GRASSES, AND AQUATIC WEEDS.

ACCEPTED

MAR 15 1971

UNDER THE FEDERAL INSECTICIDE  
FUNGICIDE AND RODENTICIDE ACT  
FOR ECONOMIC POISON REGISTERED  
UNDER NO. 5-48

This product, when used as directed, will kill most all forms of plant growth without damage to the soil. Absorption and herbicidal action is usually quite rapid with effects visible in a few days. This product is inactivated on contact with soil.

**ACTIVE INGREDIENT(S)**

Diquat dibromide/  $\bar{6}$ , 7-Dihydrodipyrido  
 $\bar{1}$ , 2-a:2', 1'-c pyrazinedium dibromide/ \* 1.76%

**INERT INGREDIENT(S)**

98.24%

\* Contains 0.08 lb. cation per gallon

**GENERAL INFORMATION**

**USES:**

1. General weed control in non-crop areas. Controls broad-leaf weeds, brush, and grasses. Kills most every type of plant life on contact...it kills through leaves only.
2. General weed control in shrub areas. Chemical will not injure desirable plants as long as spray does not come in contact with leaves of these plants. Chemical becomes inactive on contact with soil, therefore, plant roots do not take up chemical and chemical does not build up and become toxic at a later date.
3. Spot weed control in lawns and other areas - will kill undesirable grasses in lawns if these grasses are spot sprayed.
4. General vegetation control around buildings and other installations, gardens, walkways, patios, storage areas, beneath greenhouse benches, fence lines, golf courses, parkways, driveways, ditches, sand traps and similar areas where any type of vegetation is undesirable.
5. Aquatic weed control, both surface and subsurface, in ponds, lakes and drainage.

**AQUATIC USE DIRECTIONS**

**AQUATIC WEEDS** (Infesting still or Slow Flowing Ponds, Lakes, Ditches, Lateral, (Canals):

	Gals./ SURFACE ACRE	PPM**
<b>WATER TREATMENTS</b>		
*Algae (Spirogyra and Pithophora spp.)		1/2 to 1 1/2
Bladderwort (Utricularia spp.)	20 to 40 Gals.	1/4 to 1/2
Coontail (Ceratophyllum demersum)		1 1/2 to 2 1/2
Elodea (Elodea spp.)		1 1/2 to 2 1/2
Najas (Najas spp.)	20 Gal.	1/4
*Pondweed (Potamogeton spp.)	40 Gal.	1/2
Watermilfoil (Myriophyllum spp.)	20 to 40 Gal.	1/4 to 1/2

**WATER TREATMENTS:** Make application from a boat or other suitable craft either by injecting this product below the water surface, or by pouring it directly from the container into the water while moving slowly over the water surface. \*Repeat application may be necessary under conditions of heavy infestations or where reinfestation may readily occur from seed, fragmentation or escapes.

\*\*This product cation by weight. (See dilution chart.)

**CAUTION:** KEEP OUT OF REACH OF CHILDREN

READ ENTIRE LABEL. USE STRICTLY IN ACCORDANCE WITH LABEL CAUTIONS, WARNINGS, AND DIRECTIONS, AND IN CONFORMITY WITH FEDERAL AND STATE REGULATIONS. WASH AND DESTROY CONTAINER WHEN EMPTY. NEVER RE-USE.

DO NOT TAKE INTERNALLY. Harmful if swallowed. Avoid contact with skin, eyes and clothing...may cause skin damage. Use waterproof gloves and face shield or goggles when handling. Avoid breathing spray mist. In case of contact, immediately remove clothing and wash thoroughly and get medical attention. For eyes, wash thoroughly with water. Do not store with or near feed and foodstuffs or drinking water. During application avoid drift to adjacent food and forage plantings that might be damaged or the crops thereof rendered unfit for sale, use or consumption. Do not use treated water for human or animal consumption, swimming, spraying or overhead and furrow irrigation within 10 days after treatment. Do not apply to muddy water and do not agitate water excessively with outboard motor or injection equipment during application. Do not feed forage from treated crops to livestock. Keep livestock out of treated fields and crop areas. Wash sprayer immediately after application with detergent and water, then rinse with clean water.

**DIRECTIONS**

**NON-CROP OR NON-PLANTED AREAS** - To kill above ground weed growth around buildings and other installations, gardens, walkways, patios, beneath greenhouse benches, fence lines, golf courses, parkways, and driveways for control of undesirable broadleaved and grass-type weeds -

1 Gal. per 10 Gals. Water  
(13 Ounces per gal. water).

Apply for full coverage and thorough weed contact. Apply preferably to young growth and up to seeding of weeds. Repeat applications necessary to maintain control, particularly on grasses and established weeds. Avoid spray contact with foliage of food crops or ornamental plants. Do not water treated areas for 24 to 36 hours after application.

**DILUTION CHART**

Depth of Water (Ft.)	Gallons	to Use per Acre at Indicated PPM Cation (By Wt.)				
		1/4 ppm	1/2 ppm	1 ppm	1 1/2 ppm	2 1/2 ppm
1	7 gal.	14 gal.	28 gal.	42 gal.	70 gal.	
2	14 gal.	28 gal.	56 gal.	84 gal.	140 gal.	
3	21 gal.	42 gal.	84 gal.	126 gal.	201 gal.	
4	28 gal.	56 gal.	112 gal.	168 gal.	280 gal.	
5	35 gal.	70 gal.	140 gal.	201 gal.	350 gal.	

**FOLIAGE SPRAY TREATMENTS**

	AMOUNT/ACRE
Salvial (Salvial rotundifolia)	10 to 15 gal.
Water Hyacinth (Eichornia Crassipes)	10 to 15 gal.