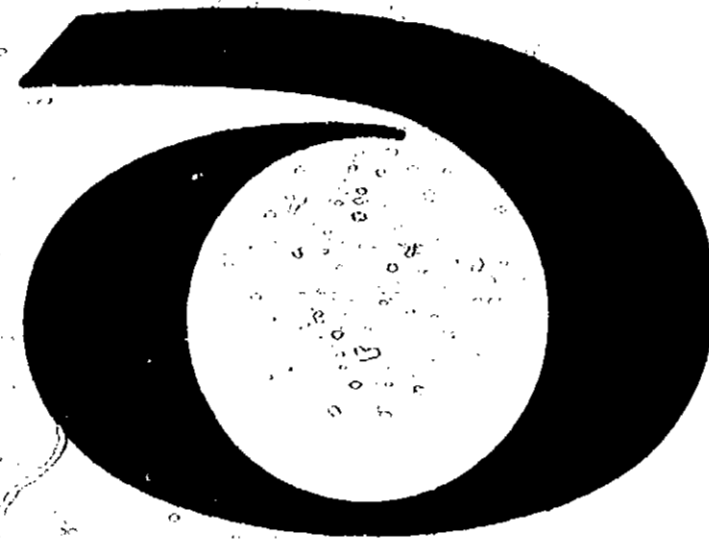


ACCEPTED  
 OCT 20 1971  
 UNDER THE FEDERAL INSECTICIDE  
 FUNGICIDE AND ROBOTICIDE ACT  
 FOR FEDERAL REGISTER  
 ED NUMBER NO. 677-269

NET CONTENTS

GALLONS

EPA REG. NO. 677-269-AA



**Diamond Shamrock  
 Chemical Company**

**BUENO<sup>®</sup> 6**

MSMA plus Surfactant  
 For Postemergence Weed Control in Cotton, Turf and Non-Crop Areas

<b>ACTIVE INGREDIENT</b>	
Monosodium Acid Methanesulfonate	48.35%
<b>INERT INGREDIENTS:</b>	51.65%
<b>TOTAL</b>	<b>100.00%</b>

Total Arsenic, all in water soluble form,  
 expressed as elemental 22.38%  
 Product contains 6.0 pounds MSMA per gallon

**READ ENTIRE LABEL  
 BEFORE USING THIS PRODUCT**

**GENERAL INFORMATION**

BUENO 6 is a postemergence herbicide for use in cotton, turf and non-crop areas. BUENO 6 contains a surfactant (wetting agent) in proper ratio for best results. It is not necessary to add additional surfactant to the spray tank. Local conditions and recommendations vary; consult local agricultural experiment station or extension service weed specialists for recommendations in your area.

**MIXING INSTRUCTIONS:** BUENO 6 herbicide must be thoroughly diluted. Fill the spray tank with half the required amount of water and, with pump or agitator operating, add the recommended amount of BUENO 6 herbicide and continue filling the tank with balance of water.

If preferred, BUENO 6 herbicide can be premixed by dissolving the required amount of BUENO 6 in 3 to 5 gallons of water in a clean, open head bucket. The premix should then be poured in the partially filled spray tank and the tank filled with balance of water. Mix thoroughly before using.

DO NOT store spray solution in tank overnight. Clean application equipment thoroughly after use by flushing with water in a safe place.

**APPLICATION METHODS:** BUENO 6 should be applied with a low volume, properly calibrated sprayer having satisfactory pumping and bypass action. ADJUST NOZZLES TO KEEP SPRAY OFF COTTON FOLIAGE AND IN A MANNER TO ALLOW MAXIMUM COVERAGE OF WEEDS. Adequate coverage is very important for effective weed control.

Apply during warm weather when weeds are in an active stage of growth.

**DIRECTIONS FOR USE**

**COTTON:** BUENO 6 is useful as a directed postemergence spray for controlling weeds such as barnyardgrass, cocklebur, smooth and large crabgrass, dallisgrass, goosegrass, johnson grass and nutgrass. Apply as a DIRECTED broadcast spray at rate of 40 gallons per acre of a solution containing 2 2/3 pints of BUENO 6 in 40 gallons of water when weeds are small. For band applications, apply 1 gallon of above diluted spray per acre for each 1 inch band width to be treated of cotton grown on 40 inch row spacing. A second or repeat application, if needed, should be timed about 1 to 3 weeks after the first application. Keep spray off cotton foliage.

APPLY ONLY WHEN COTTON IS 3 INCHES HIGH TO FIRST BLOOM. DO NOT APPLY AFTER FIRST BLOOM.

Slight yellowing and reddish discoloration of cotton foliage may occasionally be seen following recommended treatment, but even cotton plants will develop normally and yield will not be affected.

**ORNAMENTAL TURFGRASS:** BUENO 6 can be used for selective control of barnyardgrass, barnyardgrass, cocklebur, smooth and large crabgrass, dallisgrass, nutgrass, smooth and broad weed with little or no injury to well established, actively growing turfgrasses. Area turfgrasses to height of 1 to 1 1/2 inches before treatment. Use 1 P of active (2 table spoons) of BUENO 6 in 5 gallons of water. Application to

an area of 1,000 square feet. Application should be uniform and thorough to adequately wet all undesirable plants. Two or more repeat treatments at 14 day intervals may be necessary. Make applications during warm weather when temperature is between 80 and 90 F. DO NOT water turf for at least 24 hours after application. Turfgrasses may be temporarily discolored. Bermudagrass, bluegrass and zoysiagrass have shown tolerance to properly applied BUENO 6. Injury may result if applied to bermudagrass and fescues. DO NOT apply to St. Augustinegrass, centipede grass, centipedegrass or to Dichondra. DO NOT mow until 2 weeks after last application.

**NON-CROP:** BUENO 6 is effective in controlling barnyardgrass, cocklebur, smooth and large crabgrass, dallisgrass, goose grass, johnsongrass, nutgrass and many other weeds on drainage ditch banks, fence rows, rights of way, storage yards and under non-crop areas. Application should be made when weeds are small and conditions are favorable for good weed growth. Mix at a rate of 2 1/2 to 2 2/3 pints of BUENO 6 in 40 gallons of water. Spray undesirable vegetation thoroughly to point of runoff. Adequate coverage and complete wetting of foliage is important for effective control. Repeat applications may be necessary if regrowth occurs.

**CAUTION**

Harmful if swallowed. Avoid contact with skin and eyes. In case of contact, flush eyes with plenty of water.

Avoid breathing spray mist. Wash hands after using.

Keep away from children and domestic animals and do not allow them on treated areas until material has been washed into soil.

Avoid storage near food and feed products.

DO NOT feed treated forage to livestock or graze treated areas.

DO NOT spray or allow drift onto vegetables, ornamentals or other desirable plants.

DO NOT contaminate waters used for domestic purposes or by animals, including wildlife and aquatic life, or water used for irrigation purposes.

DO NOT reuse empty container. Return to dealer, reconditioner, or destroy by perforating, crushing and burying or discarding in a safe place.

**WARRANTY AND LIMITATION OF DAMAGES**

SELLER warrants that this material conforms to its chemical description and is reasonably fit for the purposes stated on the label when used in accordance with directions under normal conditions of use and BUYER assumes the risk of any use contrary to such directions. SELLER makes no other express or implied warranty, including any other express or implied warranty of FITNESS or of MERCHANTABILITY, and no agent of SELLER is authorized to do so except in writing with a specific reference to this warranty. In no event shall SELLER's liability for any breach of warranty exceed the purchase price of the material as to which a claim is made.

**CAUTION: KEEP OUT OF REACH OF CHILDREN.  
 SEE SIDE PANEL FOR ADDITIONAL CAUTIONS.  
 AGRICULTURAL CHEMICALS DIVISION-CLEVELAND, OHIO 44115**

DIAMOND SHAMROCK CORPORATION