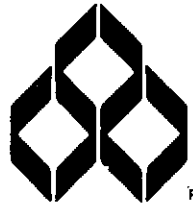


Net Contents 30 Gallons/113.6 Liters



**Diamond Shamrock**

**ACCEPTED**  
NOV 16 1981  
Under the Federal Insecticide,  
Fungicide, and Rodenticide Act,  
as amended, for the pesticide  
registered under  
EPA Reg. No. 677-436

50534-155

# Kleen Turf

Herbicide

<b>Active Ingredient:</b> Dimethylamine salt of 2,4-dichlorophenoxyacetic acid* .....	12.3%
Diethanolamine salt of 2-(2-methyl-4-chlorophenoxy) propionic acid** .....	15.0% ✓
<b>Inert Ingredients:</b> .....	72.7%
<b>Total:</b> .....	100.0%

\* 2,4-Dichlorophenoxyacetic acid equivalent to 11.13% 0.9 lbs/gal ✓  
\*\* 2-Methyl-4-chlorophenoxypropionic acid equivalent to 11.0% 0.9 lbs/gal ✓  
\*\*\* As analyzed by AOAC Method No. 6-D-15 (12th ed.)

Keep Out of Reach of Children

## CAUTION

Only for Sale To, Use and Storage by Lawncare and Landscaping Personnel or Commercial Applicators

See side panel for additional precautionary statements

Diamond Shamrock Corporation  
Agricultural Chemicals Division  
Cleveland, Ohio 44114

EPA Reg. No. 677-436 EPA Est. No. 39335-AL-1

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## Precautionary Statements

### Hazards to Humans and Domestic Animals

#### Caution

Keep out of reach of children. Do not get in eyes. It swallows, it is irritating to stomach. It is irritating to the eyes. It is irritating to the skin. It is irritating to the throat. It is irritating to the nose. It is irritating to the mouth. It is irritating to the respiratory system. It is irritating to the skin. It is irritating to the eyes. It is irritating to the throat. It is irritating to the nose. It is irritating to the mouth. It is irritating to the respiratory system.

#### Causes eye and skin irritation.

Do not get in eyes. In case of contact, flush eyes with plenty of water for at least 15 minutes and seek medical attention.

Do not allow contact with skin or clothing. Wash exposed skin gently with plenty of soap and water.

### Environmental Hazards

Do not apply directly to water.

Do not contaminate irrigation ditches or water used for domestic purposes. Use care to avoid spray contact or drift to susceptible plants such as ornamentals, flowers, grapes, fruit trees and shrubs. Do not permit spray drift to contact Kleen Turf. Do not spray directly on very small quantities of the spray which may be visible. Do not spray directly on lawns and dormant turfs. Do not spray when the wind is blowing towards susceptible ornamentals. Do not use this spray to minimize drift. Spray drift can be minimized by keeping the spray boom as low as possible by applying 20 gallons or more of spray per acre by using no more than 20 pounds spray pressure with flat fan or fog nozzle. Flat fan nozzles are best by spraying when wind velocity is low and by stopping or spraying if wind exceeds 8 miles per hour. Do not apply with hollow cone-type insecticide or other nozzles that produce a fine droplet spray. Do not use in a greenhouse. Flush sprayer on suitable material after use. Do not use the same spray equipment for applying other materials to 2,4-D. Susceptible crops as injury may result.

## Kleen Turf

Read entire label before using this product.

### General Information

Kleen Turf, a selective herbicide for lawn grasses is a post-emergence herbicide especially formulated for use on ornamental turf-grass for selective control of many broadleaf weeds commonly growing in lawns without injury to desirable grasses. This chemical may be used on all types of turf including Merion, Kentucky bluegrass, bermudagrass, fescues and rye grasses. This product has been used successfully on bentgrass, however, it should not be used unless pre-tests have shown it to be non-damaging under the particular conditions of use. To eradicate broadleaf weeds, it is better to use another selective herbicide for fine lawn grasses.

Note: MCPP acts more slowly than 2,4-D so that some weeds will be controlled before others. Allow 3 to 4 weeks for complete control action to occur.

The following is a partial list of weeds controlled by Kleen Turf:

Buckhorn	Pigweed
Chickweed	Plantain
Common chickweed	Purslane
Corydalis	Ragweed
Dandelion	Red clover
English daisy	Red sorrel
Ground ivy	Stitchwort
Knotweed	Speedwell
Lambquarters	White clover
Mallow	Wild garlic
Mooseear chickweed	Wild onion
Morning glory	Yarrow

\*Use high rate on chart for weeds marked with an asterisk (\*) in the above list.

Note: Local conditions, crop varieties and application regulations vary and may affect use of this herbicide. Consult local agricultural experiment station or extension service weed specialists and state regulatory agencies for recommendations in your area.

Note: When stored at temperatures below freezing, it may be necessary to warm contents to 45°F and mix thoroughly before using.

### Directions for Use

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

**Preparation of the Spray:** Mix with water using 2 to 4 gallons of water per 1,000 sq. ft. (20 to 40 gallons per acre). Apply by means of a sprayer to give uniform coverage. Repeat applications may be necessary especially with heavy infestations of the less susceptible weeds indicated with an asterisk in above list.

Either before or after application, it is wise to properly fertilize the lawn so as to encourage the lawn to heal rapidly as possible, filling in the bare areas where the weeds have died away. Once the weeds have been removed, the bare areas should be reseeded. Bare areas may be reseeded 3 to 4 weeks after application.

**Time of Application:** Apply in spring or fall when weeds are actively growing. Knotweed is controlled more easily in spring or early summer when weeds are young. Do not apply when turf is suffering from drought conditions or during very hot weather or damage to grass may result. Do not mow for several days before or after application. Withhold sprinkling for 24 hours after application. Do not apply during periods of heavy rainfall. Do not use on newly seeded areas. Do not use if you want clover in your turf. In some areas bent, carpet, buffalo and St. Augustine grasses may be injured; therefore, do not use on turf where these grasses predominate.

Amount to Apply	Per 1,000 Sq. Ft.	Per Acre
Low rate	4 fl. ozs.	5 qts.
High rate	5 fl. ozs.	6 qts.

### Storage and Disposal

Do not contaminate water, food or feed by storage or disposal. Open dumping is prohibited.

**Pesticide Disposal:** Pesticide spray mixture or residue that cannot be used according to label instructions must be disposed of according to Federal, State or local procedures under the Resource Conservation and Recovery Act.

**Container Disposal:** Do not reuse empty container. Triple rinse (or equivalent) and offer for recycling or reconditioning or dispose of in a sanitary landfill, or by other approved State and local procedures.

### Warranty and Limitations 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.

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