

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

2217-507

3/3/2000

page 189

MAR 3 2000

Craig Martens  
 PBI/Gordon Corporation  
 P.O. Box 014090  
 Kansas City, MO 64101

Dear Mr. Martens:

Subject: Revised Labeling - Clarification of Directions for Use  
 Gordon's Broadleaf & Dandelion Lawn Weed Killer  
 EPA Registration No. 2217-507  
 Your Submission Dated February 25, 2000

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is acceptable with the following provisions:

- 1) Since this product is packaged in containers no greater than 2 ½ gallons in size, the statement regarding containers of 5 gallons or more present in the Engineering Control Statement should be deleted.
- 2) To avoid redundancy, the statements concerning washing personal protective equipment may be deleted from the Engineering Control Statement since they are also present in the Personal Hygiene Statement.
- 3) Delete the phrase "For terrestrial uses..." from the beginning of the third sentence in the Environmental Hazards section.

A stamped copy is enclosed for your records. Please submit one (1) final printed copy for the referenced label, incorporating the above changes, before releasing the product for shipment.

DK:305-7546:HB/PM23

CONCURRENCES

|         |          |  |  |  |  |  |  |  |
|---------|----------|--|--|--|--|--|--|--|
| SYMBOL  | 7505C    |  |  |  |  |  |  |  |
| SURNAME | D. KENNY |  |  |  |  |  |  |  |
| DATE    | 3/3/00   |  |  |  |  |  |  |  |

The Agency has recently revised its recommended First Aid statements for pesticide products and intends to issue a PR Notice announcing the changes in the near future. In the interim we are encouraging registrants to begin using the new statements. The new statements were developed as part of the Consumer Labeling Initiative in close cooperation with poison control center personnel and other medical experts. While it is not mandatory that you revise your label at this time, you are strongly encouraged to substitute the revised statements (below) for those statements currently on the label at your next label printing:

"FIRST AID

|               |   |
|---------------|---|
| If swallowed: | <ul style="list-style-type: none"> <li>• Call a poison control center or doctor immediately for treatment advice.</li> <li>• Have person sip a glass of water if able to swallow.</li> <li>• Do not induce vomiting unless told to by a poison control center or doctor.</li> </ul>                     |
| If in eyes:   | <ul style="list-style-type: none"> <li>• Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>                |
| If on skin:   | <ul style="list-style-type: none"> <li>• Take off contaminated clothing.</li> <li>• Rinse skin immediately with plenty of water for 15-20 minutes.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>   |
| If inhaled:   | <ul style="list-style-type: none"> <li>• Move person to fresh air.</li> <li>• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible.</li> <li>• Call a poison control center or doctor for further treatment advice.</li> </ul> |

Have the product container or label with you when calling a poison control center or doctor or going for treatment."

Sincerely yours,

Joanne I. Miller  
Product Manager (23)  
Herbicide Branch  
Registration Division (7505C)

Enclosure





4 8 9  
**READ THE ENTIRE LABEL FIRST. OBSERVE ALL PRECAUTIONS  
AND FOLLOW DIRECTIONS CAREFULLY.**

## **PRECAUTIONARY STATEMENTS**

### **Hazards to Humans and Domestic Animals**

**CAUTION:** Harmful if swallowed. Avoid contact with eyes, skin or clothing. Wear face shield or goggles when mixing, loading or applying this product. When using this product, wear long-sleeved shirt, long pants, socks, shoes and rubber gloves.

### **Personal Hygiene Statement:**

After using this product, rinse gloves before removing, remove clothing and launder separately before reuse, and promptly and thoroughly wash hands and exposed skin with soap and water. Remove saturated clothing as soon as possible and shower.

### **Engineering Control Statement:**

*Containers over 1 gallon and less than 5 gallons:* Persons engaged in open pouring of this product must also wear coveralls or a chemical resistant apron.

*Containers of 5 gallons or more:* Do not open-pour product from this container. A mechanical system (such as a probe and pump or spigot) must be used for transferring the contents of this container. If the contents of a non-refillable pesticide container are emptied, the probe must be rinsed before removal.

After using this product, rinse gloves before removing, remove clothing and launder separately before reuse, and promptly and thoroughly wash hands and exposed skin with soap and water. Remove saturated clothing as soon as possible and shower.

### **First Aid**

**IF IN EYES:** Flush eyes with plenty of water. Call a physician if irritation persists.

**IF ON SKIN:** Wash with plenty of soap and water. Get medical attention if irritation persists.

## **ENVIRONMENTAL HAZARDS:**

This product is toxic to aquatic invertebrates. Drift or runoff may adversely affect aquatic invertebrates and nontarget plants. For terrestrial uses, do not apply directly to water, or to areas where surface water is present, or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment washwater.

*Cleaning of Equipment:* When cleaning equipment, do not pour the washwater on the ground; spray or drain over a large area away from wells and other water sources.

Most cases of groundwater contamination involving phenoxy herbicides such as 2,4-D and MCPP have been associated with mixing/loading and disposal sites. Caution should be exercised when handling 2,4-D and MCPP pesticides at such sites to prevent contamination of groundwater supplies. Use of closed systems for mixing and transferring this pesticide will reduce the probability of spills. Placement of the mixing/loading equipment on an impervious pad to contain spills will help prevent groundwater contamination.

## **DIRECTIONS FOR USE**

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

Do not allow people (other than applicator) or pets on treatment area during application. Do not enter treatment area until spray has dried.

## **STORAGE & DISPOSAL**

Do not contaminate water, food, or feed by storage or disposal.

**STORAGE:** Store in original container in a locked storage area. Keep from freezing.

**PESTICIDE DISPOSAL:** Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal law and may contaminate groundwater. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

**CONTAINER DISPOSAL:** *For Metal Containers* - Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill or if allowed by other procedures approved by state and local authorities. *For Plastic Containers* - Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration, or if allowed by state and local authorities by burning. If burned stay out of smoke.

**Cleaning of Spray Equipment:**

Immediately clean sprayer with soap or detergent and water and rinse thoroughly before applying other pesticides.

**SITES:**

Not for use on turf being grown for sale or other commercial use as sod, or for commercial seed production, or for research purposes.

This product is intended for use in ornamental lawns and turf established in institutional, ornamental, and residential/domestic sites. *Institutional sites:* turf areas around properties or facilities providing a service to public or private organizations including, but not limited to hospitals, nursing homes, schools, museums, libraries, sport facilities, and golf courses. *Ornamental sites:* turfgrass established around residences, parks, streets, retail outlets, cemeteries, and institutional buildings. *Residential/domestic sites:* areas associated with the household or home life including, but not limited to apartment complexes, condominiums, and patient care areas of nursing homes, mental institutions, hospitals, or convalescent homes.

**ESTABLISHED TURFGRASS (LAWNS) THAT MAY BE TREATED:**

**Northern Grasses** - Kentucky bluegrass, perennial ryegrass, bentgrass, and fescues.

**Southern Grasses** - St. Augustinegrass, centipede grass, bahiagrass, bermudagrass, and zoysiagrass.

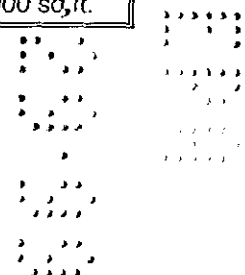
Spot treatments may be appropriate for sparse weed infestations or as a follow-up treatment for dense weed infestations. Only spot treatments are recommended for St. Augustinegrass, bentgrass, and centipede grass.

**HOW MUCH TO USE - BROADCAST APPLICATIONS:**

Broadcast applications and spot treatments provide broadleaf weed control in warm season and cool season turfgrass. This product can be applied in both dormant and growing seasons of turfgrass. The best control of weeds in established turf will be obtained from spring or early fall applications when weeds are actively growing.

Additional applications may be required for some weed species. If necessary, repeat the application at 14 to 21 days after the first application or when regrowth of the weed species is noted.

| TABLE 1. Product Rates With Broadcast Applications For Cool Season (Kentucky bluegrass, perennial ryegrass and fescues) And Warm Season Grasses (bahiagrass, bermudagrass, and zoysiagrass). |                          |                                 |
|--|--------------------------|---------------------------------|
| Type of Applicator   | Amount of Product To Use |                                 |
|  | Pounds of Product/Acre   | Fl.Oz. of Product /1,000 sq.ft. |
| ENGINE DRIVEN PUMP SPRAYERS: power sprayer equipped with hand-held spray gun or power spray equipment fitted with a spray boom.  | 8.2 pints/Acre           | 3.0 fl.oz./1,000 sq.ft.         |
| HAND OPERATED SPRAYERS: backpack, knapsack, compression, or plunger sprayers.  | -----                    | 3.0 fl.oz./1,000 sq.ft.         |
| HOSE END SPRAYERS:   | -----                    | 3.0 fl.oz./1,000 sq.ft.         |



The maximum application rate to turf is 1.0 pounds 2,4-D acid equivalent per acre per application per site. The maximum number of broadcast applications per treatment site is 2 per year. Do not exceed dosages for any area.

**SPOT TREATMENTS:**

Applications should be made on a spray-to-wet basis with uniform coverage. Prepare the spray solution by mixing in water according to Table 2.

**ORNAMENTAL TURFGRASS ESTABLISHED IN LAWNS:**

**Kentucky Bluegrass, Perennial Ryegrass, Fescues, Bahiagrass, St. Augustinegrass, Centipedegrass, Bentgrass, Bermudagrass, and Zoysiagrass:** Use a 1½% spray concentration or mix 2 fluid ounces of product with one gallon of water.

**Woody Plants, Vacant Lots, Fence Rows:** Use a 1½ - 2½% spray concentration or mix 1.9 - 3.2 fluid ounces of product with one gallon of water.

**TABLE 2. SPRAY PREPARATION FOR SPOT TREATMENTS.**

| Desired Volume,<br>Gallons | Spray Concentration, % vol/vol |              |                           |
|----------------------------|--------------------------------|--------------|---------------------------|
|                            | 1½%                            | 2.0%         | 2.5%                      |
| 1.0 gallon                 | 1.9 fl.oz.                     | 2.5 fl.oz.   | 3.2 fl.oz.                |
| 2.0 gallons                | 3.8 fl. oz.                    | 5.1 fl.oz.   | 6.4 fl.oz.                |
| 3.0 gallons                | 5.8 fl.oz.                     | 7.7 fl.oz.   | 9.6 fl.oz.                |
| 10.0 gallons               | 19.2 fl.oz.                    | 25.6 fl.oz.  | 32.0 fl.oz. (1.0 quart)   |
| 40.0 gallons               | 76.8 fl.oz.                    | 102.4 fl.oz. | 128.0 fl.oz. (1.0 gallon) |

|                        |  |
|------------------------|--|
| <b>Equal Measures:</b> | 1 Tablespoon (tbsp.) = 3 teaspoons (tsp.) = ½ fluid ounce (fl.oz.) |
|                        | 1 Cup = 16 tbsp. = 8 fl.oz. = ½ pint (pt.)                         |
|                        | 1 Pint (pt.) = 16 fl.oz.   |
|                        | 1 US Gallon (gal.) = 4 quarts (qts.) = 8 pts.                      |

**APPLICATION INFORMATION AND USE PRECAUTIONS:**

- Avoid drift of spray mist onto vegetables, flowers, ornamental plants, shrubs, trees and other desirable plants.
- Avoid spraying during long, excessively dry or hot periods unless adequate irrigation is available. Do not irrigate within 24 hours after application.
- Do not exceed specified dosages for any area.
- Do not apply to newly seeded lawns until well established or after two to three mowings.
- Seed can be sown 3 to 4 weeks after herbicide application.
- Do not apply this product through any type of irrigation system.
- Do not apply to garden plants, flowers or shrubs.
- Do not spray on carpetgrass, dichondra, nor on lawns or turf where desirable bentgrass or clovers are present.
- Do not spray roots of trees and ornamentals.

This product is effective on hard-to-kill weeds such as henbit, chickweed, knotweed, spotted spurge, oxalis, black medic, and sheep sorrel. In addition to these, Trimec® controls most other broadleaf lawn weeds, including dandelion and plantain and a partial list is given on this label.

**- BROADLEAF WEEDS -**

|                           |                   |                             |                           |
|---------------------------|-------------------|-----------------------------|---------------------------|
| Annual yellow sweetclover | Cockle            | Musk thistle                | Spiny amaranth            |
| Aster                     | Cocklebur         | Mustard                     | Spiny cocklebur           |
| Austrian fieldcress       | Common mullein    | Narrowleaf plantain         | Spiny sowthistle          |
| Bedstraw                  | Creeping jenny    | Narrowleaf vetch            | Spotted catsear           |
| Beggarticks               | Cudweed           | Nettle                      | Spotted spurge            |
| Betony, Florida           | Curly dock        | Orange hawkweed             | Spurweed                  |
| Bindweed, field           | Daisy, English    | Oriental cocklebur          | Stinging nettle           |
| Bird vetch                | Daisy fleabane    | Oxalis                      | Strawberry, India mock    |
| Bitter wintercress        | Daisy, oxeye      | Parsley-piert               | Tall nettle               |
| Bittercress, hairy        | Dandelion         | Parsnip                     | Tall vervain              |
| Bitterweed                | Dichondra         | Pearlwort                   | Tansy ragwort             |
| Black-eyed Susan          | Dogbane           | Pennycress                  | Tansy mustard             |
| Black medic               | Dogfennel         | Pennywort                   | Tanweed                   |
| Black mustard             | Dollarweed        | Peppergrass                 | Thistle                   |
| Blackseed plantain        | Elderberry        | Pepperweed                  | Trailing crownvetch       |
| Blessed thistle           | False dandelion   | Pigweed                     | Tumble mustard            |
| Bloodflower milkweed      | Falseflax         | Pineywoods bedstraw         | Tumble pigweed            |
| Blue lettuce              | False sunflower   | Plains coreopsis (tickseed) | Velvetleaf                |
| Blue vervain              | Fiddleneck        | Plantain                    | Venice mallow             |
| Bracted plantain          | Florida pusley    | Poison ivy                  | Virginia buttonweed       |
| Brassbuttons              | Frenchweed        | Poison oak                  | Virginia creeper          |
| Bristly oxtongue          | Galinsoga         | Pokeweed                    | Virginia pepperweed       |
| Broadleaf dock            | Goathead          | Poorjoe                     | Water pennywort           |
| Broadleaf plantain        | Goldenrod         | Prairie sunflower           | Wavyleaf bullthistle      |
| Broomweed                 | Ground ivy        | Prickly lettuce             | Western clematis          |
| Buckhorn                  | Gumweed           | Prickly sida                | Western salsify           |
| Buckhorn plantain         | Hairy fleabane    | Prostrate knotweed          | White mustard             |
| Bulbous buttercup         | Hawkweed          | Prostrate pigweed           | Wild aster                |
| Bull thistle              | Healall           | Prostrate spurge            | Wild buckwheat            |
| Bullnettle                | Heartleaf drymary | Prostrate vervain           | Wild carrot               |
| Burclover                 | Heathaster        | Puncturevine                | Wild four-o'clock         |
| Burdock                   | Hedge bindweed    | Purslane, common            | Wild garlic               |
| Burning nettle            | Hedge mustard     | Ragweed                     | Wild geranium             |
| Burweed                   | Hemp              | Red sorrel                  | Wild lettuce              |
| Buttercup                 | Henbit            | Redroot pigweed             | Wild marigold             |
| Buttonweed                | Hoary cress       | Redstem filaree             | Wild mustard              |
| Canada thistle            | Hoary plantain    | Rough cinquefoil            | Wild onion                |
| Carolina geranium         | Hoary vervain     | Rough fleabane              | Wild parsnip              |
| Carpetweed                | Horsenettle       | Russian pigweed             | Wild radish               |
| Catchweed bedstraw        | Jimsonweed        | Russian thistle             | Wild rape                 |
| Catnip                    | Knawel            | Scarlet pimpernel           | Wild strawberry           |
| Catsear                   | Knotweed          | Scotch thistle              | Wild sweet potato         |
| Chickweed, common         | Kochia            | Sheep sorrel                | Wild vetch                |
| Chickweed, mouseear       | Lambsquarters     | Shepherdspurse              | Woodsorrel                |
| Chicory                   | Lespedeza         | Slender plantain            | Woolly croton             |
| Cinquefoil                | Mallow            | Smallflower galinsoga       | Woolly morningglory       |
| Clover, crimson           | Matchweed         | Smooth dock                 | Woolly plantain           |
| Clover, hop               | Mexicanweed       | Smooth pigweed              | Wormseed                  |
| Clover, red               | Milk vetch        | Sorrel                      | Yarrow                    |
| Clover, strawberry        | Morningglory      | Sowthistle                  | Yellow rocke              |
| Clover, sweet             | Mouseear hawkweed | Spanishneedles              | Yellowflower pepperweed   |
| Clover, white             | Mugwort           | Speedwell                   | and other broadleaf weeds |





