



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, D.C. 20460

JAN 25 1994

Gene R. Currie  
IMPERIAL INC.  
P. O. Box 98  
Shenandoah, IA 51601

OFFICE OF  
PREVENTION, PESTICIDES AND  
TOXIC SUBSTANCES

Subject: Label Amendment Submission of 08/19/93 in Response to PR Notice 93-7  
EPA Reg. No. 407-338  
IMPERIAL GARDEN WEED PREVENTER

Dear Registrant:

The labeling cited above and submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, is accepted subject to the comments reflected on the enclosed sheet. A copy of your proposed labeling stamped "ACCEPTED WITH COMMENTS" is enclosed.

**WHAT THIS ACCEPTANCE MEANS:**

Based on your certification, the Agency has accepted the labeling changes that are necessary to comply with the Worker Protection Standard (WPS) labeling requirements of 40 CFR part 156, subpart K, described in PR Notices 93-7 and 93-11. Any other labeling changes submitted in connection with this amendment application but not directly related to compliance with the WPS have not been reviewed or accepted by the Agency. If you wish to make such changes, you must submit a separate amendment application proposing them. If your product is currently suspended, the acceptance of this labeling amendment does not affect the suspension in any way.

**WHAT YOU NEED TO DO NEXT:**

By the next label printing make all the specified changes to your labeling. Send to EPA one (1) copy of the final printed labeling:

- BEFORE selling or distributing any product bearing the final printed labeling
- AND
- WITHIN one year from date of this acceptance.



Recycled/Recyclable  
Printed with Soy-Canada Ink on paper that  
contains at least 50% recycled fiber

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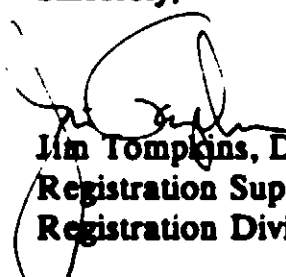
Submit the final printed labeling via the U.S. Postal Service to:

Document Processing Desk (FIN-LABEL)  
Office of Pesticide Programs (7505C)  
U.S. Environmental Protection Agency  
401 M Street, SW  
Washington, D.C. 20460-0001

Hand or courier deliveries of final printed labeling may be made to:

Document Processing Desk (FIN-LABEL)  
Office of Pesticide Programs  
Room 266A, Crystal Mall 2  
1921 Jefferson Davis Highway  
Arlington, VA 22202

Sincerely,



Jim Tompkins, Deputy Chief  
Registration Support Branch  
Registration Division (7505W)

Attachment

**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
Office of Pesticide Programs  
Registration Division**

Gene R. Currie  
IMPERIAL INC  
BOX 98  
SHENANDOAH IA 51601

Subject: Label Amendment Submission of 08/19/93  
to Comply with WPS Labeling Requirements  
EPA Reg Nr. 407-338  
IMPERIAL GARDEN WEED PREVENTER

The following specific comments pertain to your  
WPS labeling submission concerning the product  
cited above:

Remove the statement "Do not apply this product in a way  
that will contact workers or other persons, either directly  
or through drift. Only protected handlers may be in the  
area during application." from its current position within  
the Agricultural Use Box and place it above the Agricultural  
Use Box.

There is a typographical error(s) in the Agricultural Use  
Requirements box.

**IMPERIAL  
GARDEN WEED PREVENTER**

- 1. Prevents Crabgrass, Chickweed, Goosegrass, plus many other Broadleaf weeds and undesirable annual grasses. (See back panel for specific weeds).
- 2. Will not injure Rose Bushes, Flower Beds, Shrubs, Ornamentals, Vegetables, Strawberries or Turf when used according to label recommendations.

**Active Ingredients:**

DCPA (dimethyl tetrachloroterephthalate) .....	75%
Inert Ingredients: .....	25%
Total .....	100%

R Registered Trademark ISK Biotec Corporation

**KEEP OUT OF REACH OF CHILDREN  
CAUTION**

**STATEMENT OF PRACTICAL TREATMENT**

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

**SEE SIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS**

EPA Reg. No. 407-338  
EPA Est. 407-IA-1

I-92

Net Contents \_\_\_\_\_

Manufactured by  
Imperial Inc.  
Shenandoah, IA 51601

ACCEPTED  
with COMMENTS  
in EPA Letter Dated

JAN 25 1994

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act  
as amended, for the pesticide  
registered under EPA Reg. No.

407-338

**PRECAUTIONARY STATEMENTS  
HAZARDS TO HUMANS AND DOMESTIC ANIMALS  
CAUTION**

Causes moderate eye irritation. Avoid contact with eyes or clothing.

**Personal Protective Equipment:**

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants.
- Waterproof gloves.
- Shoes plus socks.

Follow manufacturers instructions for cleaning or maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

**USER SAFETY RECOMMENDATIONS**

Users should:

- Wash hands before eating, chewing gum, using tobacco, or using the toilet.
- Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

**ENVIRONMENTAL HAZARDS**

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 by cleaning of equipment or disposal of wastes.

Groundwater Advisory: Tetrachloroterephthalic acid, a breakdown product of Dacthal, is known to leach through soil as a result of agricultural and turf uses and has been found in groundwater which may be used for drinking water. Users are advised not to apply Dacthal to sand and loamy sand soils where there the water table (groundwater) is close to the surface and where these soils are very permeable, i. e. well drained. Your local agricultural agencies can provide further information on the type of soil in your area and the locations of groundwater used for drinking water.

**DIRECTIONS FOR USE**

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

For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

**AGRICULTURAL USE REQUIREMENTS**

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR Part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE), and restricted-entry interval. The requirements in this box apply only to uses of this product that are covered by the Worker Protection Standard.

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 12 hours.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water, is:

- Coveralls.
- Waterproof gloves.
- Shoes plus socks.

**IMPERIAL GARDEN WEED PREVENTER W-8 PAGE-3****STORAGE AND DISPOSAL**

**STORAGE:** Store in original container, in a cool, dry, secure area away from fertilizer, food, or feed. Keep container closed.

**PRODUCT DISPOSAL:** Securely wrap original container in several layers of newspaper and discard in trash.

**CONTAINER DISPOSAL:** Do not reuse empty container. Wrap container and put in trash.

This product is a highly effective preemergence weed killer. It kills many annual grasses and certain broadleaf weeds as the sprout while the seed is germinating. For maximum effect, this product must be applied before weed germination occurs or immediately after the soil in the beds has been cultivated and growing weeds removed. One application gives up to three months weed control - effectively prevents the following:

Annual Bluegrass, Carpetweed, Fall Panicum, Green Foxtail, Lambsquarters, Palmer Amaranth, Redroot Pigweed, Smooth Crabgrass, Stinkgrass, Barnyardgrass, Common Chickweed, Florida Pusley, Large Crabgrass, Lovegrass, Purslane, Spiny Pigweed, Texas Millet, Yellow Foxtail, Browntop Panicum, Dodder, Goosegrass, Johnsongrass from seed, Prostrate Spurge, Spotted Spurge, Witchgrass.

The following species of ornamentals, shrubs, and flowers can be treated: Abelia, Arborvitae, Ash, Azalea, Barberry, Boxweed, Camellia, Cottonwood, Dogwood, Elm, Euonymus, Fir, Forsythia, Hawthorn, Holly, Japanese Andromeda, Juniper, Lantana, Lilac, Locust, Magnolia, Maple, Oak, Pachistima, Variegated Privet, Viburnum, Weigelia, Willow, Yew, Honeysuckle, Pachysandra, Wilson Ivy, English Ivy, Alyssum, Aster, Babysbreath, Bleedingheart, Evening Primrose, Feverfew, Forget-me-not, Geranium, Gladiolus, Golden Marguerite, Goldentuft, Lupine, Marigold, Mourning Bride, Petunia, Poker Plant, Purple Coneflower, Rose Moss, Roses, Salvia, Scarlet Sage, Snapdragon, Sunflower, Verbena, Zinnia.

**DO NOT USE ON:** Telanthera, Geum, Germander, Button Pink, Bugleweed, Pansy, Carnation, Phlox, Mesembryanthemum, or Sweet William.

**HOW TO APPLY**

To determine the correct amount of this product to use and to insure that it is properly applied, the following procedure is suggested. As with any herbicide application, a number of factors such as rate, type of sprayer, pressure and nozzle size must be taken into consideration.

1. Add a specific amount of water (1 gallon) to the sprayer and determine the amount of area you can cover uniformly with this amount.
2. Measure area to be treated.
3. Select dosage rate from chart below for area to be treated.
4. Add proper amount of water to sprayer as determined by the measurement of the area sprayed in Step 2.
5. Measure out the required amount of Garden Weed Preventer and add to sprayer. Allow powder to become wet, then shake vigorously to insure uniform suspension in the water.
6. Apply uniformly to the area to be treated. Shake the spray tank vigorously at regular intervals (1 - 2 minutes) to maintain adequate suspension.
7. Water lightly after application.

**WHEN TO USE**

**TURF:** Apply on established lawns in early spring before Forsythia blossoms start to fall, for crabgrass and other weed seedlings. For the control of Annual bluegrass (*Poa annua*) and common chickweed, apply an additional late summer application at 1 1/2 recommended rate. Do not use on Dichondra. Applications should not be made to Cohansey or Toronto Bents. After treatment to turf, wait approximately 60 days before any new seeding is undertaken.

IMPERIAL GARDEN WEED PREVENTER WPS PAGE-4

SHRUBS, ORNAMENTALS, FLOWER BEDS: Use immediately after transplanting of new plants or anytime after plant beds have been weeded or cultivated to a uniform, weed free surface. Use only on beds of established flowers and shrubs.

VEGETABLES:

CROP	WHEN TO APPLY
Broccoli, Brussels Sprouts, Snap Beans, Cauliflower, Potatoes, Kale, Turnips, Garlic, Onions, Cabbage	Apply at time of seeding or transplanting. Do not graze treated area, or feed plant parts to livestock.
Cucumbers, Squash, Watermelon, Cantaloupe, Honeydew	Apply to the soil 4-6 weeks after seeding and when growing conditions are favorable to good plant growth.
Lettuce - leaf	Apply one application only, 1-3 weeks after emergence.
Lettuce - head	Apply one application only, 1-6 weeks after seeding.
Sweet Potatoes, Yams	Apply at time of transplanting. Delayed application can be made up to 6 weeks after transplanting.
Strawberries (new planting) (established plantings)	Application may not exceed 12 lbs. of product per acre. Apply at time of planting. Apply in fall or early spring. Do not apply after first bloom.
Tomatoes, Eggplants, Peppers	Apply at 4-6 weeks after transplanting and when growing conditions are favorable for good plant growth.

DILUTION RATES FOR MIXING

Area to be treated	Recommended Rate Product lb./area	Amount of Product to Apply	Struck-off (level) Tablespoons
1000 sq. ft. (From 1 to 2 gallons of water should be used.	14 (heavy soil)	5 oz.	22
	12 (heavy soil)	4 1/2 oz.	19
	10 (medium soil)	3 1/2 oz.	16
	8 (medium soil)	3 oz.	13
	6 (sandy soil)	2 oz.	10
250 sq. ft. (From 1/4 to 1/2 gallon of water should be used.	14 (heavy soil)	1 1/4 oz.	5 1/2
	12 (heavy soil)	1 oz.	4 1/2
	10 (medium soil)	3/4-1 oz.	4

**IMPERIAL GARDEN WEED PREVENTER WPS PAGE-5**

**NOTICE:** Seller warrants that the product conforms to its chemical description and is reasonably fit for the purpose stated on the label when used in accordance with directions under normal conditions of use, but neither this warranty nor any other warranty or MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, express or implied, extends to the use of this product contrary to label instructions, or under abnormal conditions, or under conditions not reasonably foreseeable to seller, and buyer assumes the risk of any such use.