

JUL 27 1994

Mr. Richard P. Parker  
Howard Johnson's Enterprises, Inc.  
P.O. Box 2990  
Milwaukee, WI 53201

Dear Mr. Parker:

Subject: Prevents™

EPA Registration Number 32802-73  
Application Dated July 18, 1994, Request for  
an Extension of Registration; and Your Letter  
Dated July 15, 1994 Associated with the  
Application

This is in response to your application and letter requesting an extension of the subject pesticide product registration. The conditional registration of the subject pesticide product is extended to May 27, 1996 based on a request by Monsanto Company for an extension of time to submit required data to support the active ingredient source used in the formulation of Prevents. The condition for this extension is:

- o Provided that the registrant of the active ingredient in this product, submits the required data to continue the registration of it (dithiopyr) as listed in the EPA Fact Sheet No. 223.

A stamped copy of the proposed label is enclosed for your records.

Sincerely yours,

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

Enclosure

E.Wilson:0009:07-26-94

BEST AVAILABLE COPY

# PREVENTS™

PREVENTS™ contains Crab Buster® a Selective Herbicide that provides control of listed annual grasses and broadleaf weeds in established lawns and ornamental turfs.  
PREVENTS contains a complete Lawn Food.

ACTIVE INGREDIENT: Dithiopyr: 3,5-pyridinedicarbothioic acid, 2-(difluoromethyl)-4-(2-methylpropyl)-8-(trifluoromethyl)-S,S-dimethylester - 0.06%  
INERT INGREDIENTS: 99.94%  
TOTAL 100.00%

NET WEIGHT 18 LBS. (8.16 Kg)  
Treats Up to 5,000 Sq.Ft.

KEEP OUT OF REACH OF CHILDREN  
CAUTION

ALSO AVAILABLE IN  
36 POUNDS BAGS (16.33 Kg)

EPA Reg. No. 32802-73 Product contains Crab Buster® a Trade Mark of Monsanto EPA Est. No. 32802-WI-1(A) 32802-MO-1(B)  
The first letter of code on package and indicates location of manufacturing plant. Fertilizer guarantees found on separate tag.

## SPECIAL CARE

HAZARDS TO HUMANS AND DOMESTIC ANIMALS  
CAUTION: Causes eye irritation. Harmful if inhaled. Avoid contact with eyes or clothing. Avoid breathing dust. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse. Prolonged or frequently repeated skin contact while handling this material may cause allergic reaction in some individuals.

## FIRST AID

IF IN EYES: Immediately flush eyes with plenty of water. Get medical attention if irritation persists. IF INHALED: Remove individual to fresh air. Seek medical attention if breathing difficulty develops. In case of an emergency involving this product, call collect, day or night 314-694-4000.

## ENVIRONMENTAL HAZARDS

pesticide is toxic to fish and highly toxic to other aquatic organisms including oysters and shrimp. Use with care when applying to turf areas adjacent to any body of water. Drift or runoff may adversely affect aquatic organisms in adjacent aquatic sites. 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 apply when weather conditions favor drift from treated areas. Do not contaminate water when disposing of empty washwaters.

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

## STORAGE AND DISPOSAL

STORAGE: Store this product only in its original container in a dry, cool, secured storage area. Do not contaminate water, foodstuffs, feed or seed by storage or disposal.  
PRODUCT DISPOSAL: As a responsible environmental practice, where possible, it is recommended that all of the contents of the bag be used, carefully following label directions and precautions. If it is necessary to dispose of a partially filled bag, securely wrap the bag in several layers of newspaper and discard in the trash. EMPTY CONTAINER DISPOSAL: Do not reuse bag. Discard bag in trash. In case of spill, sweep, wrap in newspaper and discard in trash.

Fertilizer guarantee found on separate tag.

## WHERE-WHEN

### GENERAL INFORMATION

This product is a selective herbicide that provides control of crabgrass and other annual grasses and broadleaf weeds in established lawns and ornamental turfs. This product will not harm nearby established ornamentals when used according to label directions. Not for use on plants being grown for sale or other commercial use, or for commercial seed production, or for research purposes. For use on plants intended for aesthetic purposes or ornamental modification and being grown in interior plantations, ornamental gardens or parks, or on golf courses or lawns and grounds.

### USE PRECAUTIONS

Turf grass Safety: This product may be used on seeded, sodded, or sprigged lawns and ornamental turfs that are well established. The grass must have developed a good root and a uniform stand, and have received at least two months following its seeding, sodding or sprigging before it can receive the first application of this product. Use of this product on lawns and ornamental turfs that are not well established, or on those that have been weakened by weather, pest, or mechanical related stress, may increase the chances for turf injury.

This product should only be applied to lawns and ornamental turfs that are composed of the following turfgrass species that have been determined to be tolerant to applications of this product. When applied as directed under the conditions described, the following established turfgrasses are tolerant to this product.

| Cool-Season Grasses | Warm-Season Grasses |
|---------------------|---------------------|
| Bentgrass, creeping | Bahia grass         |
| Bluegrass, Kentucky | Bermudagrass        |
| Fescue, fine        | Bouteloua           |
| Fescue, tall        | Carpentergrass      |
| Ryegrass, perennial | Cenchrus            |
|                     | Kikuyugrass         |
|                     | St. Augustinegrass  |
|                     | Zoysiagrass         |

### RESEEDING, OVERSEEDING, OR SPRIGGING

Reseeding, overseeding, or sprigging of treated areas within 4 months after application of this product may inhibit the establishment of desirable turfgrasses. When reseeding or overseeding, proper cultural practices such as soil cultivation, irrigation and fertilization should be followed. For best results, use mechanical or power seeding equipment, (seeders) designed to give good seed to soil contact.

### OTHER USE PRECAUTIONS

The early postemergence crabgrass control described below is limited. Postemergence applications are only effective on crabgrass if applied before crabgrass has displayed its fifth leaf.

For best results, cultural practices that disturb the soil, such as core aeration or verticiling, should be done before application of this product. DO NOT apply this product until the grass has recovered from these cultural practices.

Apply this product directly to established lawns or ornamental turfs only. DO NOT apply to flowers, vegetables, shrubs, or trees.

DO NOT use clippings from treated turf for mulching around vegetables or fruit trees. DO NOT apply this product to pastures. Keep people and pets off treated areas until dust has settled.

## HOW

### APPLICATION DIRECTIONS-CONTROL OF CRABGRASS

#### Preemergence and Early Postemergence Control

This product provides preemergent control of crabgrass (both large and smooth species) when applied prior to the emergence of crabgrass from the ground in established lawns and ornamental turfs. It can also provide "early postemergence" control of crabgrass during the early stages of crabgrass growth after the crabgrass has emerged from the ground. However, it is often difficult to identify the very small, early stages of crabgrass in well established lawns and ornamental turfs. So the practical benefit of this product's additional, early postemergence activity is that (compared to strictly preemergence crabgrass control products) it can give the user a 2 to 4 week longer period of time to make applications and still control crabgrass.

### APPLICATION TIMING

This product may be applied as a single application, or as a sequential application for crabgrass control. DO NOT apply more than 18 lbs. of this product to 1000 sq. ft. per year. Applications may be made in the spring and in the fall.

### SPREADER SETTINGS

|  |
|--|
| 18 lbs./5,000 sq. ft. - Cyclone 3, Speed 6.5   |
| 18 lbs./3,750 sq. ft. - Cyclone 3.5, Speed 7.0 |
| 18 lbs./2,500 sq. ft. - Cyclone 4, Speed 8     |

NOTICE: Seller warrants that this product conforms to the ingredient statement on the label. Since conditions of use, such as weather, compatibility with other products, and conditions of application equipment will vary, Seller makes no claims other than those stated on this label. (32802-73 PMS version (Accp'd 01-11-84) For Rereg. 07-15-84)



**HOWARD JOHNSON'S ENTERPRISES, INC.**  
P.O. BOX 2990 - MILWAUKEE, WI 53201

## LENGTH OF CONTROL

The length of time of residual weed control provided by this product is directly related to the total rate applied.

Depending on the desires of the user, this product may be applied at the use rate recommended in Table 1 below for the user's particular region to get 2 to 3 months of weed control. It may be applied at rates listed in the Table 2 below to get 3 to 5 months of control from date of application.

The actual length of control will vary somewhat depending on weather, weed pressure, and the user's location within the north or south region.

### RATES FOR 2 TO 3 MONTHS OF CRABGRASS CONTROL\*

| Region | Preemergence                   | Postemergence                  |
|--------|--------------------------------|--------------------------------|
| North  | 18 lbs. to treat 5,000 sq. ft. | 18 lbs. to treat 2,500 sq. ft. |
| South  | 18 lbs. to treat 2,500 sq. ft. | 18 lbs. to treat 1,250 sq. ft. |

### RATES FOR 3 TO 5 MONTHS OF CRABGRASS CONTROL\*

| Region | Preemergence                   | Postemergence                  |
|--------|--------------------------------|--------------------------------|
| North  | 18 lbs. to treat 3,750 sq. ft. | 18 lbs. to treat 1,875 sq. ft. |
| South  | 18 lbs. to treat 1,875 sq. ft. | 18 lbs. to treat 950 sq. ft.   |

\*Southern states include AL, AR, AZ, CA, FL, GA, HI, LA, MS, NC, NM, NV, OK, SC, TN, TX, VA. All other states included as Northern Region. DO NOT apply more than 18 lbs. per 1,000 sq. ft. per year. Postemergence control is limited; see the crabgrass control and precautions sections above.

## WHEN-HOW

### SPRING APPLICATIONS

When applied in the spring, a single application of this product at the appropriate preemergence rate listed in Table 1 above will provide control of crabgrass for 2 to 3 months after application.

Use the preemergence rate listed in Table 2 when the application is made very early in the spring (mid-February to mid-April) and longer cool season is required.

Alternatively a second (postemergence) application of the preemergence rate listed in Table 1 can be made 6 to 8 weeks after an early first application; at the same rate to provide extended control where sequential fertilizer applications are recommended. When crabgrass has (or is likely to have) already emerged from the ground in your area and early postemergence control of crabgrass is desired, use the appropriate postemergence rate listed in Table 1.

Use the postemergence rate listed in Table 2 when crabgrass has already emerged, but it is still relatively early in the spring.

### FALL APPLICATION

This product can also be applied in the late summer or early fall (late August through October) at the preemergence use rates listed in Table 2 to provide control of crabgrass through the early fall.

The fall application should be followed by a mid-to-late spring application at the appropriate postemergence rate to provide season-long control.

### TIPS FOR IMPROVED CONTROL

For best results, apply this product within a few days after mowing and delay mowing again for a few days after the application.

When treated lawn or ornamental turf areas are watered or receive significant rainfall within a few days after application of this product, improved weed control may result. Use of split (half rate) applications spaced 6-8 weeks apart may provide improved weed control.

### CONTROL OF OTHER GRASS AND BROADLEAF WEEDS

Spring Applications: When applied as directed for crabgrass control in the spring, this product will also control (at the "postemergence" rates) or suppress (at the "preemergence" rates) the emergence of the following weeds. \*Foxtail is also controlled at the preemergence rates.

| WHAT | Barrygrass                    | Loosestrife (common)                          |
|------|-------------------------------|---|
|      | Bluegrass (Annual)            | Osage (Buttercup, creeping & yellow woodcock) |
|      | Crownvetch                    | Pineappleweed                                 |
|      | Foxtail (Yellow & Green)*     | Purslane (common)                             |
|      | Goosegrass                    | Speedwell (corn)                              |
|      | Kikuyugrass                   | Spurge (prostrate & spotted)                  |
|      | Ryegrass (Annual & Perennial) |   |
|      | Smartgrass                    |   |

### FALL APPLICATIONS

When applied as above in the early fall for crabgrass control through the early part of the next spring, this product will also control (at "postemergence" rates) or suppress (at the "preemergence" rates) the emergence of these weeds.

|                    |           |                     |
|--------------------|-----------|---------------------|
| Bluegrass (Annual) | Chickweed | Geranium (Caroline) |
| Bertergrass        | Herb      | Parsley (wild)      |

ACCEPTED  
with COMMENTS  
In EPA Letter Dated

JUL 27 1994

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

32808-73

32808-73

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