

961-368

8/7/2003

1/6



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

WASHINGTON, D.C. 20460

OFFICE OF
PREVENTION, PESTICIDES
AND TOXIC SUBSTANCES

AUG 7 2003

Mr. Henry E. Rohland
EPA Registration Manager
Lebanon Seaboard Corporation
1600 East Cumberland Street
Lebanon, PA 17042

Dear Mr. Rohland:

Subject: Lebanon Crab-Buster® Plus Lawn Food
EPA Registration No. 961-368 ✓
Applications and Letters Dated July 29, 2003, Requests
To Amend Registrations To Comply with PR Notices
2001-1 and 2001-6, Minor Editorial Changes per PR
Notices and Marketing Statements

The proposed amendments to the registration of Lebanon Crab-Buster Plus Lawn Food have been reviewed and found acceptable under the Federal Insecticide, Fungicide and Rodenticide Act, as amended, provided that you:

1. Do not amend the "Fertilizer Analysis" section as proposed. Note: Changes in this section will require product chemistry data because acceptance of this registration was based on the identified and quantified ingredients in the fertilizer component of this product.
2. Either delete the word "selective" or describe the meaning of this descriptor as it applies to the labeling that follows.
3. Submit one copy of the final printed labeling prior to shipment under the enclosed revised labeling.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA, section 6(e). Your release for shipment of this product under the revised labeling constitutes acceptance of these conditions.

Sincerely yours,

A handwritten signature in cursive script that reads "Joanne I. Miller".

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

Enclosure

2/6

LEBANON CRAB-BUSTER® PLUS LAWN FOOD

FOR HOMEOWNER USE ONLY

ACTIVE INGREDIENT:

*Dithiopyr	0.06%
OTHER INGREDIENTS:	99.94%
TOTAL	100.00%

*This product contains 0.03 lb. of active ingredient, dithiopyr, per 50 lb. bag.
 Product protected by U.S. Patent No. 4,692,184. Other patents pending.
 Crab-Buster® is a registered trademark of Dow AgroSciences LLC.

EPA Reg. No. 961-368
 CAS No. 97886-45-8

(L) (D)
 EPA Est. 961-PA-01:961-IL-01
 Superscript used is first letter of lot number.

READ THE ENTIRE LABEL BEFORE USING THIS PRODUCT. USE ONLY ACCORDING TO LABEL INSTRUCTIONS.

**Before buying this product, read the Warranty Section elsewhere on this label.
 If terms are not acceptable, return the unopened container to the place of purchase at once.**

In the State of New York, do not exceed 9.6 lbs. product per 1000 sq. ft. (0.25 lb. active ingredient per acre) per year.
 Do not apply more than once per year to the same area.

GUARANTEED ANALYSIS

Total Nitrogen (N)	XX%
X.X% Ammoniacal Nitrogen	
X.X% Water Insoluble Nitrogen	
X.X% Urea Nitrogen	
X.X% Other Water Soluble Nitrogen	
Available Phosphate (P ₂ O ₅)	XX%
Soluble Potash (K ₂ O)	XX%

Nutrient Sources: (*Guaranteed Analysis and Nutrient Sources to be supplied based on fertilizer analysis used by manufacturer.*)

KEEP OUT OF REACH OF CHILDREN CAUTION

See back panel for additional Precautionary Statements

MANUFACTURED BY
LEBANON SEABOARD CORPORATION
 1600 EAST CUMBERLAND STREET
 LEBANON, PA 17042
 www.lebsea.com

NET WEIGHT: XX LBS. (XX.X kg)

ACCEPTED
 with COMMENTS
 In EPA Letter Dated
 AUG 7 2003

Under the Federal Insecticide,
 Fungicide, and Rodenticide Act
 as amended, for the pesticide
 registered under EPA Reg. No.
961-368

PRECAUTIONARY STATEMENTS 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: • 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 eye.
- Call a poison control center or doctor for treatment advice.

IF INHALED: • Move person to fresh air.

- If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible.
- Call a poison control center or doctor for further treatment advice.

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. For Emergency Medical Information call (888) 208-1368.

ENVIRONMENTAL HAZARDS

This product 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 and runoff from treated turf 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 equipment washwaters.

DIRECTIONS FOR USE

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

NOT FOR USE ON TURF BEING GROWN FOR SALE OR OTHER COMMERCIAL USE AS SOD, OR FOR COMMERCIAL SEED PRODUCTION, OR FOR RESEARCH PURPOSES.

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.

DISPOSAL: If empty: Do not reuse this container. Place in trash or offer for recycling if available.

If partly filled: Call your local solid waste agency or 1-800 CLEANUP for disposal instructions. Never place unused product down any indoor or outdoor drain.

GENERAL INFORMATION

This product is a selective herbicide that provides preemergence control of crabgrass and other annual grasses and broadleaf weeds in established lawns and ornamental turf. This product will not harm nearby established ornamentals when used according to label directions.

USE PRECAUTIONS

Turfgrass 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 system and a uniform stand, and have received at least two mowings following its seeding, sodding or sprigging before it can receive its 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

- Bentgrass, creeping
- Bluegrass, Kentucky
- Fescue, fine
- Fescue, tall
- Ryegrass, perennial

Warm-Season Grasses

- Bahiagrass
- Bermudagrass
- Buffalograss
- Carpetgrass
- Centipedegrass
- Kikuyugrass
- St. Augustinegrass
- Zoysiagrass

Reseeding or Sprigging: Reseeding, overseeding or sprigging of treated areas within 4 months after application of this product may inhibit the establishment of desirable turfgrass. 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 (slit seeders) designed to give good seed to soil contact.

Other Use Precautions

The early postemergence crabgrass control described below is limited. **DO NOT APPLY THIS PRODUCT IF CRABGRASS IS PAST THE FOURTH LEAF STAGE.**

- For best results, cultural practices that disturb the soil, such as core aeration or verticutting, 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.

APPLICATION DIRECTIONS

Control of Crabgrass

Preemergence and Early Postemergence Control

This product provides "preemergence" 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 prior to the fifth leaf stage, 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 the product's additional, early postemergence activity is that (compared to strictly preemergence crabgrass products) it can give the user a 2-4 week longer period of time to make applications and still control crabgrass.

Application Timings

This product may be applied as a spring application or as a sequential application for crabgrass control. Applications may be made in the spring and in the fall.

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 rates recommended in Table 1 below for the user's particular region to get 2-3 months of weed control, or it may be applied at rates listed in Table 2 below to get 3-5 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.

Table 1: Recommended Use Rates for 2-3 Months of Crabgrass Control* (Lbs. of this Product per 1,000 Sq. Ft.)

REGION	EARLY	
	PREEMERGENCE	POSTEMERGENCE
North	3.5	7.0
South	7.0	14.0

Table 2: Recommended Use Rates for 3-5 Months of Crabgrass Control* (Lbs. of this Product per 1,000 Sq. Ft.)

REGION	EARLY	
	PREEMERGENCE	POSTEMERGENCE
North	4.8	9.6
South	9.6	19.3

*South: Includes AL, AR, AZ, CA, FL, GA, HI, LA, MS, NC, NM, NV, OK, SC, TN, TX & VA

North: Includes all other states.

DO NOT apply more than 19.3 lbs. of this product per 1,000 sq. ft. per year.

In the State of New York, do not exceed 9.6 lbs. product per 1000 sq. ft. (0.25 lb. active ingredient per acre) per year. Do not apply more than once per year to the same area.

Early postemergence control is limited; see the "Crabgrass Control" and "Precautions" sections above.

Spring Applications

When applied in the spring, an application of this product at the appropriate "preemergence" rate listed in Table 1 above will provide control of crabgrass for 2-3 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 control is required.

Alternatively, a second ("sequential") application at the preemergence rate listed in Table 1 can be made 6-8 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 "early postemergence" rate listed in Table 1.

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

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

Fall Applications

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 part of the next spring.

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.

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 "early postemergence" rates) or suppress (at the "preemergence" rates) the emergence of the following weeds:

- Barnyardgrass Lespedeza (common)
- Bluegrass (annual) Oxalis (buttercup, creeping and yellow woodsorrel)
- Crowfootgrass Purslane (common)
- Foxtail (yellow & green)* Speedwell (corn)
- Goosegrass Spurge (prostrate and spotted)
- Kikuyugrass
- Ryegrass (annual & perennial)
- Smutgrass

*Also controlled at the preemergence rates.

Fall Applications

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

- Bluegrass (annual) Geranium (Carolina)
- Bittercress Parsley-piert
- Chickweed Pineappleweed
- Shepherdspurse

APPLICATION EQUIPMENT INSTRUCTIONS

Apply this product with drop or rotary type spreaders designed to apply granular herbicides. Avoid the use of spreaders that would apply this product in narrow rows or concentrated bands. Before each application, calibrate the spreader according to the equipment manufacturer's directions for adjusting the spreader settings such that the spreader delivers the appropriate application rate recommended above. Apply this product uniformly over the lawn or ornamental turf area. A more uniform application can be made by spreading half of the required amount over the area and then applying the remaining half at a right angle to the previous direction. Avoid streaking, skips or overlaps during application. Check equipment frequently to ensure equipment is functioning properly and applying uniform distribution of granules.

LIMIT OF WARRANTY AND LIABILITY

This Company warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes set forth in the Complete Directions for Use label pamphlet ("Directions") when used in accordance with those Directions under the conditions described herein. NO OTHER EXPRESSED WARRANTY OR IMPLIED WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE OR MERCHANTABILITY IS MADE. This warranty is also subject to the conditions and limitations stated herein.

Buyer and all users shall promptly notify this Company of any claims whether based in contract, negligence, strict liability, other tort or otherwise. Notice of these claims may be made by calling 1-800-233-0628.

Buyer and all users are responsible for all loss or damage from use or handling which results from conditions beyond the control of this Company, including, but not limited to, incompatibility with products other than those set forth in the Directions, application to or contact with desirable vegetation, unusual weather, weather conditions which are outside the range considered normal at the application site and for the time period when the product is applied, application in any manner not explicitly set forth in the Directions, or the presence of products other than those set forth in the Directions in or on the soil, crop or treated vegetation.

6/6

THE EXCLUSIVE REMEDY OF THE USER OR BUYER, AND THE LIMIT OF THE LIABILITY OF THIS COMPANY OR ANY OTHER SELLER FOR ANY AND ALL LOSSES, INJURIES OR DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT (INCLUDING CLAIMS BASED IN CONTRACT, NEGLIGENCE, STRICT LIABILITY, OTHER TORT OR OTHERWISE) SHALL BE THE PURCHASE PRICE PAID BY THE USER OR BUYER FOR THE QUANTITY OF THIS PRODUCT INVOLVED, OR, AT THE ELECTION OF THIS COMPANY OR ANY OTHER SELLER, THE REPLACEMENT OF SUCH QUANTITY, OR, IF NOT ACQUIRED BY PURCHASE, REPLACEMENT OF SUCH QUANTITY.

IN NO EVENT SHALL THIS COMPANY OR ANY OTHER SELLER BE LIABLE FOR ANY INCIDENTAL, CONSEQUENTIAL OR SPECIAL DAMAGES. Buyer and all users are deemed to have accepted the terms of this LIMIT OF WARRANTY AND LIABILITY which may not be varied by any verbal or written agreement.

Advertising claims that may be presented on the label

Crab-Buster® is a selective herbicide that provides preemergence control of listed annual grasses and broadleaf weeds in established cool and warm-season turfgrasses in lawns and ornamental turf.

Additional Labeling Requirements:

- If the fertilizer guarantee contains iron, the following statement must appear:
This product contains the secondary nutrient iron. Iron may stain concrete and should not be applied on dry or water dampened concrete and should be removed from these areas promptly after application by sweeping or blowing. Do not wash off with water.
- If the recommended use rate applies less than 1 pound nitrogen per 1,000 sq. ft. per application, the following statement must appear:
Supplemental applications of lawn fertilizer are needed to achieve a minimum 1 pound nitrogen per 1,000 sq. ft.
- For products distributed in the State of Washington, the following statement must appear:
Information regarding the contents and levels of metals in this product is available on the Internet at <http://www.regulatory-info-lebsea.com>