

62445-1

11/24/2014

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

NOV 24 2014

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

P.B. Ohrstrom and Sons, Inc.
c/o Cinda L. Bell
SciReg, Inc.
12733 Director's Loop
Woodbridge, VA 22192

Subject: Label Amendment to revise the label into a master label with agricultural use and home and garden use sublabels, revise emergency and non-emergency test at the end of the First Aid statement, and make other minor labeling revisions.
Product Name: Sea-Born RowBust
EPA Reg. No.: 62445-1
Your submission dated August 28, 2014
Decision Number: 495240

Dear Ms. Bell:

The amendment referred to above submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) section 3(c)(5), is acceptable provided that you:

- 1) Submit and/or cite all data required for registration of your product under FIFRA section 3(c)(5) when the Agency requires all registrants of similar products to submit such data.
- 2) Submit two (2) copies of your final printed labeling before you release the product for shipment. Final printed labeling means the label or labeling of the product when distributed or sold. Clearly legible reproductions or photo reductions will be accepted for unusual labels, such as those silk-screened directly onto glass or metal containers or large bags or drum labels.

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 the product bearing the amended labeling constitutes acceptance of these conditions. A stamped copy of the label is enclosed for your records. Should you have any questions, you may contact Mr. Colin Walsh directly at (703) 308-0298 or via email at walsh.colin@epa.gov.

Sincerely,

Linda A. Hollis
Linda A. Hollis, Chief

Biological Pesticides Branch
CONCURRENCES

Biopesticides and Pollution
Prevention Division (7511P)

| | | | | | | | |
|---------|----------|----------|--|--|--|--|--|
| SYMBOL | 7511P | 7511P | | | | | |
| SURNAME | Walsh | Reilly | | | | | |
| DATE | 11/24/14 | 11/24/14 | | | | | |

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**Master label encompassing Sublabel A – Agricultural Use and
Sublabel B – Home and Garden Use**

ACTIVE INGREDIENT:

Cytokinin (as kinetin) 0.01%*

OTHER INGREDIENTS: 99.99%

TOTAL 100.00%

*based on biological activity

**KEEP OUT OF REACH OF CHILDREN
CAUTION**

EPA Reg. No. 62445-1

EPA Est. No. 64291-IL-1

P.B. Ohrstrom and Sons, Inc.
900 Lively Blvd.
Elk Grove Village, IL 60007

Net Contents:

ACCEPTED

NOV 24 2014

Under the Federal Insecticide, Fungicide,
and Rodenticide Act, as amended, for
the pesticide registered under
EPA Reg. No. 62445-1

Sea-Born RowBust

Plant Growth Regulator

ACTIVE INGREDIENT:

Cytokinin (as kinetin) 0.01%*

OTHER INGREDIENTS: 99.99%

TOTAL 100.00%

*based on biological activity

EPA Reg. No. 62445-1 EPA Est. No. 64291-IL-1

Net Contents:

SHAKE WELL BEFORE USING

KEEP OUT OF REACH OF CHILDREN

CAUTION

First Aid

IF SWALLOWED

- Call a poison control center or doctor immediately for treatment advice.
- Have person sip a glass of water if able to swallow.
- Do not induce vomiting unless told to do so by a poison control center or doctor.
- Do not give anything to an unconscious person.

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.
- Call a poison control center or doctor for treatment advice.

Have the product container or label with you when calling a poison control center, doctor, or going for treatment. For non-emergency information concerning this product, call the National Pesticides Information Center (NPIC) at 1-800-858-7378 (NPIC Web site: www.npic.orst.edu). For emergency information, call the Poison Control Center at 1-800-222-1222.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION. Harmful if swallowed. Causes moderate eye irritation. Avoid contact with eyes or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Shoes plus socks

Follow manufacturer's instructions for cleaning/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, drinking, chewing gum, using tobacco or using the toilet.
- Remove clothing/PPE 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

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 or rinsate.

DIRECTIONS FOR USE

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

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. For any requirements specific to your State or Tribe, consult the State or Tribal 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 the label about personal protective equipment (PPE). The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 4 hours.

EXCEPTION: If the product is soil-injected or soil-incorporated, the Worker Protection Standard, under certain circumstances, allows workers to enter the treated area if there will be no contact with anything that has been treated.

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:

- Coveralls
- Chemical resistant gloves made of any waterproof material such as polyethylene or polyvinylchloride
- Shoes plus socks

NON-AGRICULTURAL USE REQUIREMENTS

The requirements in this box apply to uses of this product that are NOT within the scope of the Worker Protection Standard for agricultural pesticides (40 CFR Part 170). The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries, or greenhouses.

Do not enter or allow others to enter area until sprays have dried.

FOR USE ON

Root and Tuber Vegetables and Leaves (such as carrots, potatoes, radishes, sugar beets), Bulb Vegetables (such as onion, garlic, leeks, shallots), Leafy Vegetables (such as celery, lettuce, and spinach), Brassica (Cole) Leafy Vegetables (such as broccoli, cauliflower, cabbage, mustard greens), Legume Vegetables and Foliage (such as beans, peas, soybeans), Fruiting Vegetables (such as tomatoes, peppers), Cucurbit Vegetables (such as cucumbers,

melons, squash), Citrus Fruits (such as oranges, lemons, limes), Pome Fruits (such as apples, pears), Stone Fruits (such as peaches, nectarines, plums), Berries (such as blueberries, raspberries, boysenberries), Tree Nuts (such as almonds, filberts, walnuts), Cereal Grains, Forage and Fodder (such as oats, rye, wheat, corn, rice), Grasses, Forage, Fodder and Hay (such as alfalfa, clover, lupine, vetch, Bermuda, bluegrass, fescue); Herbs and Spices (such as anise, basil, chive, parsley), asparagus, avocados, bananas, cranberries, fig, globe artichokes, grape hops, kiwifruit, mango, mushrooms, okra, papaya, pawpaw, peanut, persimmons, pineapples, strawberries, water chestnut, and watercress.

COMPATIBILITY AND MIXING INSTRUCTIONS

For ease of application, Sea-Born can be mixed with water-based herbicides, insecticides, and fungicides. Conduct a tank spray compatibility test when you plan to mix this product with other products. To determine the physical compatibility of this product with other products, use a jar test. Using a quart jar, add the proportionate amounts of the products to approximately one quart of water with agitation. Add dry formulations first, then flowables, and then emulsifiable concentrates last. After thorough mixing, allow this mixture to stand for 5 minutes. If the combination remains mixed or can be readily remixed, it is physically compatible. Once compatibility has been proven, use the same procedure for adding products to the spray tank. Follow the more restrictive labeling requirements of any tank mix partner. Do not tank mix with products whose label prohibits tank mixing.

Spreader-Sticker: Use Sea-Wet spreader-sticker for optimum results.

The more often the application the better the results. In general a single heavy application is not as effective as repetitive lighter applications.

APPLICATION RECOMMENDATIONS

Read entire label before making applications.

Golf Course Maintenance

Tees and Greens - Apply 3 fl. oz. per 1000 sq. ft. monthly during growing season.

Blue, Fescue, Rye, Bent Fairways - Apply 1½ gallons per acre in June and August.

Bermuda Fairways - Apply 1½ gallons per acre before and after winter transition.

Overseeded Areas - Apply 1½ gallons per acre following initial germination.

Lawn Maintenance

Cool Season Grasses - Apply 15 fl. oz. per 1000 sq. ft. pre-season to prevent heat and drought damage, and in early fall for stress recovery.

Warm Season Grasses - Apply 9 fl. oz. per 1000 sq. ft. during active growth in the fall and in early spring to improve winter recovery and reduce spring die-back.

Sod Installation

Apply 11 fl. oz. per 1000 sq. ft. to soil surface before installation or foliar apply after installation for quick knit down.

New Seedling, Over-seeding

Apply 9 fl. oz. per 1000 sq. ft. after germination at the 2 to 4-leaf stage of growth. Same rate applies for newly-sprigged turf.

Hydroseeding

Add 3 gallons per acre to the tank mix before spraying.

Foliar Spray for Green House Ornamentals, Potatoes, & Tomatoes

For use on the foliage of flowering plants, potatoes, tomatoes, shrubs and trees: Dilute 2 tablespoons in 1 gallon of water and spray until solution drips off of leaves. For large areas, spray 1 quart of sea-Born per acre diluted in 15 or 20 gallons of water at 35 lbs psi. Repeat applications three or four times during the growing season.

Row Crops

Preplant - Apply 1 quart per acre diluted in 5 to 25 gallons of water.

Foliar Spray -

- **1st Application** - Apply ½ gallon per acre diluted in 2 to 15 gallons of water 30 to 40 days after emergence.
- **2nd Application** - Apply ½ gallon per acre diluted in 2 to 15 gallons of water 3 to 4 weeks after 1st application.
- **3rd Application** - Apply ½ gallon per acre diluted in 2 to 15 gallons of water 2 to 3 weeks prior to fruit setting.

Time of Day and Weather Conditions: The greatest product performance occurs when Sea-Born is applied when air temperature is 85°F or below and the sun is not directly overhead. Do not apply after heavy dew, or on rainy days, or if rain is predicted within 12 hours after application.

CHEMIGATION

Apply this product only through sprinkler including center pivot, lateral move, end tow, side (wheel) roll, traveler, big gun, solid set, or hand move; flood (basin); furrow; border; drip (trickle) irrigation systems. Do not apply this

product through any other type of irrigation system. Crop injury, lack of effectiveness, or illegal pesticide residues in the crop can result from non-uniform distribution of treated water. If you have questions about calibration, you should contact State Extension Service specialists, equipment manufacturers or other experts.

Do not connect an irrigation system (including greenhouse systems) used for pesticide application to a public water system unless the pesticide label prescribed safety devices for public water systems are in place. A person knowledgeable of the chemigation system and responsible for its operation, or under the supervision of the responsible person, shall shut the system down and make necessary adjustments should the need arise.

Chemigation systems connected to public water systems: Public water system means a system for the provision to the public of piped water for human consumption if such system has at least 15 service connections or regularly serves an average of at least 25 individuals daily at least 60 days out of the year.

Chemigation systems connected to public water systems must contain a functional, reduced-pressure zone (RPZ), backflow preventer or the functional equivalent in the water supply line upstream from the point of pesticide introduction. As an option to the RPZ, the water from the public water system should be discharged into a reservoir tank prior to pesticide introduction. There shall be a complete physical break (air gap) between the outlet and of the fill pipe and the top or overflow rim of the reservoir tank of at least twice the inside diameter of the fill pipe. The pesticide injection pipeline must contain a functional, automatic, quick-closing check valve to prevent the flow of fluid back toward the injection pump. The pesticide injection pipeline must contain a functional, normally closed, solenoid-operated valve located on the intake side of the injection pump and connected to the system interlock to prevent fluid from being withdrawn from the supply tank when the irrigation system is either automatically or manually shut down. The system must contain functional interlocking controls to automatically shut off the pesticide injection pump when the water pump motor stops, or in cases where there is no water pump, when the water pressure decreases to the point where pesticide distribution is adversely affected.

Systems must use a metering pump, such as a positive displacement injection pump (e.g., diaphragm pump) effectively designed and constructed of materials that are compatible with pesticides and capable of being fitted with a system interlock. Do not apply when wind speed favors drift beyond the area intended for treatment. The pesticide supply tank should be agitated

throughout the application of Sea-Born.

Sprinkler and Drip (trickle) Chemigation: The system must contain a functional check valve, vacuum relief valve, and low pressure drain appropriately located on the irrigation pipeline to prevent water source contamination from backflow. The pesticide injection pipeline must contain a functional, automatic, quick-closing check valve to prevent the flow of fluid back toward the injection pump. The pesticide injection pipeline must also contain a function, normally closed, solenoid-operated valve located on the intake side of the injection pump and connected to the system interlock to prevent fluid from being withdrawn from the supply tank when the irrigation system is either automatically or manually shut down. The system must contain functional interlocking controls to automatically shut off the pesticide injection pump when the water pump motor stops. The irrigation line or water pump must include a functional pressure switch that will stop the water pump motor when the water pressure decreases to the point where pesticide distribution is adversely affected. Systems must use a metering pump, such as a positive displacement injection pump (e.g., diaphragm pump) effectively designed and constructed of materials that are compatible with pesticides and capable of being fitted with a system interlock. The pesticide supply tank should be agitated throughout the application of Sea-Born. Do not apply when wind speed favors drift beyond the area intended for treatment. Apply Sea-Born in sufficient water to penetrate into the root zone without excessive leaching into deeper soil.

Flood (Basin), Furrow and Border Chemigation: Systems using a gravity flow pesticide dispensing system must meter the pesticide into the water at the head of the field and downstream of a hydraulic discontinuity such as a drop structure or weir box to decrease potential for water source contamination from backflow if water flow stops.

Systems utilizing a pressurized water and pesticide injections system must meet the following requirements:

- a) The system must contain a functional check valve, vacuum relief valve, and low pressure drain appropriately located on the irrigation pipeline to prevent water source contamination from backflow.
- b) The pesticide injection pipeline must contain functional, automatic, quick-closing check valve to prevent the flow of fluid back toward the injection pump.
- c) The pesticide injection pipeline must also contain a functional, normally closed, solenoid-operated valve located on the intake side of the injection pump and connected to the system interlock to prevent fluid

from being withdrawn from the supply tank when the irrigation system is either automatically or manually shut down.

- d) The system must contain functional interlocking controls to automatically shut off the pesticide injection pump when the water pump motor stops.
- e) The irrigation line or water pump must include a functional pressure switch which will stop the water pump motor when the water pressure decreases to the point where pesticide distribution is adversely affected.
- f) Systems must use a metering pump, such as a positive displacement injection pump (i.e., diaphragm pump) effectively designed and constructed of materials that are compatible with pesticides and capable of being fitted with a system interlock.

Apply Sea-Born in sufficient water to penetrate into the root zone without excessive leaching into deeper soil.

STORAGE AND DISPOSAL

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

PESTICIDE STORAGE: Store Sea-Born in a cool place out of direct sunlight. Protect from freezing.

PESTICIDE DISPOSAL: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

CONTAINER HANDLING: Nonrefillable container. Do not reuse or refill this container. Triple rinse (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container ¼ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Then offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration, or if allowed by state and local authorities, by burning. If burned, stay out of smoke.

Sublabel A – Agricultural Use

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Warranty – To the extent consistent with applicable law, manufacturer's and seller's obligation is limited to the replacement of the quantity of defective material only. Neither seller nor manufacturer shall be liable for any damages directly or consequently arising from the use of Sea-Born product. Buyer assumes all responsibilities other than stated label guarantee.

P.B. Ohrstrom and Sons, Inc.
900 Lively Blvd.
Elk Grove Village, IL 60007

Sea-Born RowBust

For trees, flowers, fruits, vegetables, and lawns

ACTIVE INGREDIENT:

Cytokinin (as kinetin) 0.01%*
OTHER INGREDIENTS: 99.99%
TOTAL 100.00%

*based on biological activity.

EPA Reg. No. 62445-1 EPA Est. No. 64291-IL-1

Net Contents:

**KEEP OUT OF REACH OF CHILDREN
CAUTION**

FIRST AID

| | |
|---|---|
| <p>IF SWALLOWED</p> | <ul style="list-style-type: none"> • Call a poison control center or doctor immediately for treatment advice. • Have person sip a glass of water if able to swallow. • Do not induce vomiting unless told to do so by a poison control center or doctor. • Do not give anything to an unconscious person. |
| <p>IF IN EYES</p> | <ul style="list-style-type: none"> • 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. • Call a poison control center or doctor for treatment advice. |
| <p>Have the product container or label with you when calling a poison control center, doctor, or going for treatment. For non-emergency information concerning this product, call the National Pesticides Information Center (NPIC) at 1-800-858-7378 (NPIC Web site: www.npic.orst.edu). For emergency information, call the Poison Control Center at 1-800-222-1222.</p> | |

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION. Harmful if swallowed. Causes moderate eye irritation. Avoid contact with eyes or clothing. Wash thoroughly with soap and water

after handling and before eating, drinking, chewing gum, using tobacco or using the toilet.

ENVIRONMENTAL HAZARDS

To protect the environment, do not allow pesticide to enter or run off into storm drains, drainage ditches, gutters or surface waters. Applying this product in calm weather when rain is not predicted for the next 24 hours will help to ensure that wind or rain does not blow or wash pesticide off the treatment area. Rinsing application equipment over the treated area will help avoid run off to water bodies or drainage systems.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Keep children and pets out of treated areas until sprays have dried.

SHAKE WELL BEFORE USING

One capful = 1 fluid ounce

Soaking Seeds & Bulbs – Soak overnight in solution of one capful to one gallon of water. After planting, water with solution of one capful to one gallon of water.

Seedlings – Water with solution of one capful to one gallon of water each week.

Cuttings & Rootings – Stand in heavy solution overnight using two capfuls to one gallon of water. Water with solution of one capful to one gallon of water.

Vegetables, Fruits, Outdoor Plants, Flowers & Potted Plants – Water with solution of one capful to one gallon of water every week.

Lawns – Water with solution of two capfuls to one gallon of water (to cover 1,000 sq. ft.) per month.

Indoor Plants – Water with solution of one capful to one gallon of water every week.

STORAGE AND DISPOSAL

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

PESTICIDE STORAGE: Store in a cool place out of direct sunlight. Protect from freezing.

PESTICIDE DISPOSAL and CONTAINER

HANDLING: Nonrefillable container. Do not reuse or refill this container. If empty: Place in trash or offer for recycling if available. If partly filled: Call your local solid waste agency for disposal instructions. Never place unused product down any indoor or outdoor drain.

Warranty – To the extent consistent with applicable law, manufacturer's and seller's obligation is limited to the replacement of the quantity of defective material only. Neither seller nor manufacturer shall be liable for any damages directly or consequently arising from the use of Sea-Born product. Buyer assumes all responsibilities other than stated label guarantee.

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