

## UNITED STATES ENVIRONMENTAL PROTECTION AGENCY WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY AND POLLUTION PREVENTION

June 26, 2020

Prachi Pandya Regulatory Affairs Associate SBM Life Science Corp. 1001 Winstead Drive, Suite 500 Cary, NC 27513

Subject: Registration Review Label Mitigation for Isoxaben Product Name: Lawn 3IP Herbicide Granule EPA Registration Number: 92564-56 Application Date: December 18, 2017 Decision Numbers: 563618

Dear Ms. Pandya:

The Agency, in accordance with the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), as amended, has completed reviewing all the information submitted with your application to support the Registration Review of the above referenced product in connection with the Isoxaben Interim Decision, and has concluded that your submission is acceptable. The label referred to above, submitted in connection with registration under FIFRA, as amended, is acceptable.

Should you wish to add/retain a reference to the company's website on your label, then please be aware that the website becomes labeling under the Federal Insecticide Fungicide and Rodenticide Act and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) list examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product's label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA's Office of Enforcement and Compliance.

A copy of your label stamped "Accepted" is enclosed. Products shipped after 12 months from the date of this amendment must bear the new revised label. Your release for shipment of the product bearing the amended label constitutes acceptance of these conditions. If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6.

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If you have any questions about this letter, please contact Jaclyn Pyne by phone at 703-347-0445, or via email at pyne.jaclyn@epa.gov.

Sincerely,

2 2

Linda Arrington, Branch Chief Risk Management and Implementation Branch 4 Pesticide Re-Evaluation Division Office of Pesticide Programs

Enclosure

# Lawn 3iP Herbicide Granule

[ABN: Season Long Weed Control Granules; Bianova Advanced<sup>™</sup> Season Long Weed Control Granules; BioAdvanced<sup>™</sup> Season Long Weed Control Granules; BioAdvanced<sup>™</sup> Science-Based Solutions Season Long Weed Control Granules; Fortifend Advanced<sup>™</sup> Season Long Weed Control Granules]

Editorial Note -	Marketing	Claims	Positioned Here
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ACTIVE INGREDIENTS:	
2,4-D	0.69%
Isoxaben	0.54%
Mecoprop-P	0.15%
Dicamba	0.06%
OTHER INGREDIENTS:	<u>98.56%</u>
TOTAL	100.00%

This product contains: 0.0069 lb 2,4-D acid per lb. 0.0054 lb Isoxaben per lb. 0.0015 lb Mecoprop-p acid per lb. 0.0006 lb Dicamba acid per lb.

[FERTILIZER ANALYSIS X-X-X]

# ACCEPTED

Jun 26, 2020

Under the Federal Insecticide, Fungicide and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No. 92564-56

Net Contents: [8 oz. to 50 lbs. (XX kg)]

## **KEEP OUT OF REACH OF CHILDREN** CAUTION

Not for sale, sale into, distribution and or use in New York State. See back panel for additional precautionary statements.

Editorial Note - [Bracketed text] is optional language

## (Back Panel)

#### OPEN Resealable Label for Directions & Precautions PRESS TO RESEAL

[The days of multiple applications to kill listed [\*] weeds are over!] Just one application of Lawn 3iP Herbicide Granule's [patented] [exclusive] [proprietary] [3-in-1] [2-in-1] formula kills listed [\*] lawn weeds [plus] prevents new listed [\*] lawn weeds as listed for up to 6 months [and feeds and strengthens your lawn!] [It delivers Season Long Weed Control that's simple and easy to use] [and it will not harm your lawn when used as directed]. [No need [to re-apply every couple of weeks] [for frequent re-application]]. Ideal for large areas – treats 5,000 square feet [16 lb size] [or X,XXX sq. ft. [for XX lb size]]. [Easy-to-Spread Granules]. Controlling listed [\*] weeds in your lawn up to 6 months [plus feeding the lawn] has never been easier!

#### Read the Label First!

QUICK FACTS		
Editorial Note – Marketing Claims Positioned Here [see Appendix 2]		
KILLS & PREVENTS For up to 6 Months	[Kills and prevents broadleaf weeds such as Dollarweed, Common Chickweed, Dandelion, Clover & Plantain]	
[PLUS FEEDS]	[Feeds and strengthens the lawn.] [Contains slow release fertilizer for long lasting feeding.]	
WHEN TO	[Apply] Anytime [in] [early] spring [or fall].	
[APPLY] [USE]		
HOW TO USE	To prevent new listed [*] weeds from growing, treat entire area you want protected. Wait at least [1 day] [2 days] after applying, then activate preventative weed barrier by watering. See Directions for Use for further details.	
WHERE	ON ESTABLISHED LAWNS ONLY	
TO USE	DO NOT use on Carpetgrass, improved varieties of St. Augustinegrass (such as Floratam), closely mowed Bentgrass, Dichondra lawns or desirable clovers.	
COVERAGE	This bag treats 5,000 sq ft [16 pound size] [or X,XXX sq. ft. [for XX lb size]]	
☎ 🗕	For questions or comments, call toll-free 1-800-229-3724 or visit our website at [www.bianovaadvanced.com] [www.BioAdvanced.com] [www.bioadvancedsciencebasedsolutions.com] [www.fortifendadvanced.com].	

This product contains:

0.0069 lb 2,4-D acid per lb or 0.69% 0.0054 lb Isoxaben per lb or 0.54% 0.0015 lb Mecoprop-p acid per lb or 0.15% 0.0006 lb Dicamba acid per lb or 0.06%

#### [FERTILIZER ANALYSIS X-X-X]

[Total Nitrogen (N)	. X %]
[Available Phosphate (P2O5)	
[Soluble Potash (K2O)	

[Derived from commercially available fertilizer]

Information regarding the contents and levels of metals in this product are available on the Internet at [http://www.aapfco.org/metals.html].

#### INTENDED FOR OUTDOOR RESIDENTIAL USE ONLY

EPA Reg. No. 92564-56 EPA Est. No.

DIRECTIONS FOR USE		
It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Before you use, read and follow all label directions.		
BEFORE YOU USE	<ul> <li>Use this product only on established lawns.</li> <li>Apply when the air is calm to avoid drift onto desirable plants.</li> <li>Apply to dew-wetted lawn or water lawn lightly before application.</li> <li>Sweep, brush or blow any accidentally applied material off driveways, sidewalks etc. back on to the lawn.</li> <li>Do not apply this product to turfgrass grown for seed.</li> <li>Do not allow people or pets to enter the treated area until dusts have settled.</li> <li>Do not apply directly to or near water, storm drains, gutters, sewers, or drainage ditches. Do not apply within 25 feet of rivers, fish ponds, lakes, streams, reservoirs, marshes, estuaries, bays, and oceans. Do not apply when windy. Apply this product directly to your lawn or garden, and sweep any product landing on the driveway, sidewalk, gutter, or street back onto the treated area. To prevent product runoff, do not over water the treated area(s) to the point of runoff or apply when raining or when rain is expected that day.</li> </ul>	
HOW TO USE	<ul> <li>Use rotary or drop type spreader to apply granules evenly over the lawn. To be sure you cover lawn areas uniformly, first treat the border of the lawn then fill in the center. Make parallel passes, walking at a steady pace to ensure even distribution of the granules.</li> <li>[Wait at least 1 day after applying then] activate residual barrier by watering with ¼ - ½" of irrigation.</li> <li>Do not make more than two applications per site in any 12 month period.</li> </ul>	
[FOR BEST RESULTS]	[WHEN TO APPLY	<ul> <li>[Apply when listed [*] weeds are small and actively growing temperatures are between [50] – [80]°F.]</li> <li>[Do not apply while grass is emerging from dormancy.]</li> <li>[Do not apply to centipedegrass after October 1.]</li> <li>[Certain hard-to-kill weeds may be retreated in 2 weeks if necessary. [Apply to individual weeds using any [Lawn 3iP Herbicide Granule].</li> <li>[Heavy raking will disturb the weed preventative barrier and reduce the effectiveness of this product.]</li> <li>[Newly seeded lawns may be treated after the forth mowing].</li> <li>[Bare spots may be seeded 60 days after application].</li> </ul>
	[MOWING]	<ul> <li>[Tall grass should be mowed 1 to 2 days before applying.]</li> <li>[Do not mow for 1 to 2 days after applying.]</li> <li>[Clippings from the first three mowings should be left on the treated area. Do not use the clippings from the treated areas as mulch or compost around flowers, ornamentals, trees, or in vegetable gardens.]</li> </ul>
	[WATERING]	<ul> <li>[If lawn is dry, water 1 to 2 days before using this product.]</li> <li>[Rain or watering [24] [48] [X] hours after application will not wash away effectiveness].</li> </ul>
HOW IT WORKS	herbicide to kee	ntains a proven blend of weed killers to kill existing listed [*] weeds plus a residual p them from coming back for up to 6 months. Weeds begin to wilt & die within [24] hours etely dead in [14 – 28] days]. [And, it feeds your lawn for quick green-up and long lasting

## **KILLS**

[Weeds presented here to be chosen from Appendix 1.]

[and many other weeds]

#### SPREADER SETTINGS

If your spreader is not listed, please call our Consumer Service Hotline toll-free (877) 229-3724 for help.

SPREADER	SETTING to deliver 3.2 lbs per 1,000 sq ft
[Spreader models to be determined.]	[Spreader settings to be determined.]

• Settings are approximate. The condition of your spreader, the speed at which you walk and uneven terrain may affect the rate of application. Calibrate your spreader according to manufacturer's directions.

• Tip: 1,000 sq ft = 20 ft x 50 ft

• Do not use a spreader that applies granules in narrow, concentrated or uneven bands. Be sure the spreader works properly and spreads granules evenly.

Do not apply this product in a way that will contact any person or pet, either directly or through drift. Keep people and pets out of the area during application. Do not allow people or pets to enter the treated area until dusts have settled.
treated area until dusts have settled.

### PRECAUTIONARY STATEMENTS

# Hazards to Humans and Domestic Animals CAUTION

- Harmful if swallowed or absorbed through skin.
- Causes moderate eye irritation.
- Avoid contact with skin, eyes or clothing.
- Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet.
- Remove and wash contaminated clothing before reuse.

If Swallowed	<ul> <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 do so by a poison control center or doctor.</li> <li>Do not give anything by mouth to an unconscious person.</li> </ul>
If in Eyes	<ul> <li>Hold eye open and rinse slowly and gently with water for 15 to 20 minutes.</li> <li>Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li> <li>Call a poison control center or doctor for further treatment advice.</li> </ul>
lf on Skin	<ul> <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 further treatment advice.</li> </ul>

Active Ingredients: 0.69% 2,4-D (CAS No. 94-75-7), 0.54% Isoxaben (CAS No. 82558-50-7), 0.15% Mecoprop-p (CAS No. 16484-77-8), and 0.06% Dicamba (CAS No. 1918-00-9).

#### **ENVIRONMENTAL HAZARDS**

- This product is toxic to fish and aquatic invertebrates. Do not apply directly to water. Drift or runoff maybe hazardous to
  aquatic organisms in water adjacent to treated areas.
- 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. Sweeping any product that lands on a driveway, sidewalk, or street, back onto the treated area of the lawn will help to prevent run off to water bodies or drainage systems.
- This pesticide may impact surface water quality due to runoff of rain water. This is especially true for poorly draining soil and soils with shallow ground water. This product is classified as having a high potential for reaching surface water via runoff for several months or more after application. A level, well-maintained vegetative buffer strip between areas to which this product is applied and surface water features such as ponds, streams, and springs will reduce the potential loading of isoxaben from runoff water and sediment.
- Groundwater Advisory: This chemical has properties and characteristics associated with chemicals detected in groundwater. This chemical may leach into ground water if used in areas where soils are permeable, particularly where the water table is shallow. Application around a cistern or well may result in contamination of drinking water or groundwater.

Important – Directions for Storage and Disposal		
Pesticide Storage	Store in original container in a cool, dry place, out of the reach of children, preferably a locked storage cabinet. Protect from freezing.	
Pesticide Disposal and Container Handling	Non-refillable container. Do not reuse or refill this container.	
Î	<b>If empty</b> : Place in trash or offer for recycling if available. <b>If partly filled</b> : Call your local solid waste agency or toll free 1-877-229-3724 for disposal instructions. Never place unused product down any indoor or outdoor drain.	

**NOTICE**: Research and testing have determined that the "Directions for Use" are appropriate for the proper use of this product under expected conditions. To the extent consistent with applicable law, the Buyer assumes responsibility for lack of performance or safety if not used according to the directions.

\*Money Back Guarantee: If you are not satisfied with this product, we will gladly refund your original purchase price.

BioAdvanced<sup>™</sup>[Fortifend Advanced<sup>™</sup>] [Bianova Advanced<sup>™</sup>] is a trademark of SBM Life Science Corp.

Produced For [Distributed By]

SBM Life Science Corp. 1001 Winstead Drive, Suite 500 Cary, North Carolina 27513

Lawn 3iP Herbicide Granule 06/03/2020

#### Appendix 1

#### \*KILLS & PREVENTS [or KILLS (a "1" indicates Kills & Prevents)]

Annual Yellow Sweetclover Aster Austrian Fieldcress Bedstraw Beggarticks Betony, Florida Bindweed, Field Bird Vetch Bitter Wintercress Bittercress, Hairy<sup>1</sup> Bitterweed Black-eved Susan Blackleaved Fleabane<sup>2</sup> Black Nightshade<sup>2</sup> Black Medic Black Mustard Blackseed Plantain **Blessed Thistle** Bloodflower Milkweed **Blue Lettuce** Blue Vervain Bracted Plantain<sup>1</sup> Brassbuttons **Bristly Oxtongue** Broadleaf Dock Broadleaf Plantain Broomweed Buckhorn Buckhorn Plantain **Bulbous Buttercup Bull Thistle** Bullnettle Burclover Burdock **Burning Nettle** Burweed<sup>1</sup> Buttercup Buttonweed Canada Thistle Carolina Geranium Carpetweed Catchweed Bedstraw Catnip Catsear Chickweed. Common<sup>1</sup> Chickweed. Mouseear Chicory Cinquefoil Clover<sup>1</sup> Clover, Crimson<sup>1</sup> Clover, Hop<sup>1</sup> Clover, Red<sup>1</sup> Clover, Strawberry<sup>1</sup> Clover, Sweet<sup>1</sup> Clover, White1 Cockle

Cocklebur Common Groundsel<sup>2</sup> Common Mullein Creeping Charlie Creeping Jenny Cudweed<sup>1</sup> Curly Dock Daisy, English Daisy, Fleabane Daisy, Oxeye Dandelion<sup>1</sup> Desert Rockpurslane<sup>2</sup> Dichondra Dogbane Dogfennel Dollarweed<sup>1</sup> Elderberry Fall Panicum<sup>2</sup> False Dandelion<sup>1</sup> False Flax False Sunflower Fiddleneck<sup>1</sup> Florida Puslev Frenchweed Galinsoga Goathead Goldenrod Ground Ivy Gumweed Hairy Fleabane<sup>1</sup> Hawkweed Healall Heartleaf Drymary Heath Aster Hedge Bindweed Hedge Mustard Hemp . Henbit<sup>1</sup> Hoary Cress Hoary Plantain Hoary Vervain Horsenettle Horseweed<sup>2</sup> Jimsonweed Knawel Knotweed Kochia Lambsquarters<sup>1</sup> Lanceleaf Groundcherry<sup>2</sup> Lespedeza London Rocket<sup>2</sup> Mallow<sup>1</sup> Matchweed Mexicanweed Milk Vetch

Morningglory Mouseear Hawkweed Mugwort Musk Thistle Mustard Narrowleaf Plantain Narrowleaf Vetch Nettle Oakleaf Fleabane<sup>1</sup> Orange Hawkweed Oriental Cocklebur Oxalis<sup>1</sup> Panicle Willowweed<sup>2</sup> Parsley-piert1 Parsnip Pearlwort Pennsylvania Smartweed<sup>2</sup> Pennvcress Pennywort<sup>1</sup> Pepperweed Pigweed<sup>1</sup> Pineappleweed<sup>2</sup> Pineywoods Bedstraw Plains Coreopsis (Tickseed) Plantain<sup>1</sup> Poison Ivy Poison Oak Pokeweed Poorjoe Prairie Sunflower Prickly Lettuce<sup>1</sup> Prickly Sida Prostrate Knotweed<sup>1</sup> Prostrate Pigweed Prostrate Spurge **Prostrate Vervain** Puncturevine Purslane, Common<sup>1</sup> Ragweed<sup>1</sup> Red Sorrel Redroot Pigweed Redstem Filaree<sup>1</sup> Rough Cinquefoil Rough Fleabane<sup>1</sup> Russian Pidweed Russian Thistle<sup>1</sup> Scarlet Pimpernel Scotch Thistle Sheep Sorrel Shepherdspurse<sup>1</sup> Sibara<sup>2</sup> Slender Plantain Smallflower Galinsoga Smooth Dock Smooth Pigweed Sorrel Southern Fleabane<sup>1</sup> Sowthistle<sup>1</sup> Spanishneedles

Speedwell<sup>1</sup> Spiny Amaranth Spiny Cocklebur Spiny Sowthistle Spotted Catsear Spotted Spurge<sup>1</sup> Spurweed Stinging Nettle Strawberry. India Mock Tall Nettle Tall Vervain Tansy Mustard Tanweed Telegraphplant<sup>2</sup> Thistle Trailing Crownvetch Tumble Mustard Tumble Piaweed Velvetleaf<sup>1</sup> Venice Mallow Virginia Buttonweed Virginia Creeper Virginia Pepperweed<sup>1</sup> Water Pennywort Wavvleaf Bullthistle Western Clematis Western Salsify White Mustard Wild Aster Wild Buckwheat Wild Carrot Wild Celery<sup>2</sup> Wild Four-o'clock Wild Garlic Wild Geranium Wild Lettuce Wild Marigold Wild Mustard<sup>1</sup> Wild Oat<sup>2</sup> Wild Parsnip Wild Radish<sup>1</sup> Wild Rape Wild Strawberry Wild Sweet Potato Wild Vetch Woodsorrel<sup>1</sup> Wooly Croton Wooly Morningglory Wooly Plantain Wormseed Yarrow Yellow Rocket Yellowflower Pepperweed and other broadleaf weeds

<sup>1</sup> Kills & Prevents

<sup>2</sup> Prevents Only

## Appendix 2

Optional Advertising Claims:

- Breakthrough Convenience
- [Exclusive] [Proprietary] [3-in-1] [2-in-1] Formula
- Proprietary Formula that Kills Broadleaf Weeds
- Systemic [Herbicide] [Activity]
- Kills to the root.
- Kills [Current] listed [\*] Weeds to the Root
- Kills [Controls] even the tough weeds...to the root!
- Kills [over] 200+ listed [\*] Weeds [to the root]
- Kills [Controls] [over] [200+] broadleaf weeds [to the root]
- Kills Dandelion, Clover, plus other listed [\*] Weeds
- Kills Over 200 listed [\*] Lawn Weeds in One Easy Step
- Kills listed [\*] Lawn Weeds in One Step
- Kills Broadleaf weeds\*
- Kills Listed [\*] Weeds
- Kills Hard-to-Control listed [\*] Weeds
- Kills the listed [\*] weeds not the lawn† (when used as directed)
- Won't Harm your Lawn† (when used as directed)
- Won't Harm Lawns† (when used as directed)
- [Exclusive] [Unique] [Proprietary] 2-in-1 Product that Kills [Lawn] listed [\*] Weeds and [Stops] [Prevents] them [from] coming back
- Season Long Weed Control [with 1 Application]
- Season Long [Lawn] Weed Control
- Season Long [Lawn] Weed Control [Killer]
- 1 Application Provides Season Long [Lawn] [Weed] Control
- One application = Multiple applications of traditional products
- One application provides up to 6 months [weed] control
- [Up to] 6 Month Weed Control [with one application]
- Kills listed [\*] Weeds [& Prevents New listed [\*] Weeds] [from Coming Back] [up to 6 months]
- Kills [Current] [Existing] listed [\*] Weeds Up to 6 Months
- Kills [& Prevents] listed [\*] Weeds Up to 6 Months
- Keeps listed [\*] weeds out [of your lawn] up to 6 months
- Prevents [New] listed [\*] Weeds up to 6 Months [with one application]

- Protects your lawn from weeds up to 6 months
- Tough weed protection [for up to 6 months]
- Weeds don't return [for up to 6 months]
- Weed Free Lawn [up to 6 Months]
- Extended [Weed] Control [Killer]
- Lawn Weed Control is Easier than Ever Before
- Simple, [Convenient], [Easy] to use
- Kills Dollarweed [and other common listed [\*] lawn weeds]
- Starts Working Immediately
- Visible Results in 24 Hours
- Proven performance
- Rainproof in [24] [48 hours]
- All Weather Formula (rainproof in [24] [48] hour)
- Guaranteed\* not to harm lawns† (when used as directed)
- 100% Satisfaction Guaranteed\* (or your money back)
- Easy-to-Spread Granules
- [16 lbs][32 lbs] [XX lbs] treats [up to] [5,000] [10,000] [X,XXX] sq. ft.
- Treats [covers] [up to] 5,000 [10,000] [X,XXX] sq. ft.
- XX% More [FREE] versus XX lb size
- Apply anytime spring or fall

† (When used as directed. [DO NOT use on] [improved varieties of St. Augustinegrass, such as Floratam], [closely-mowed Bentgrass], [Carpetgrass], [Dichondra lawns] [or desirable clover]

#### Fertilizer Claims

- Builds thick, green turf from the roots up
- Strengthens your lawn
- Builds strong roots
- Builds a thick lush green lawn
- Even feeding for a thicker, greener lawn
- Slow Release Fertilizer/Feeding
- Long Lasting Feeding

\*listed [Note to PM: The word "listed" can appear as a footnote on the same page with the appropriate phrase \*listed weeds]

## [ART]

