

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY AND POLLUTION PREVENTION

February 11, 2015

Norma C. Pangilinan Bayer Environmental Science 2 T.W. Alexander Drive Research Triangle Park, NC 27709

Subject: Label and CSF Amendment – Amendment to add marketing and fertilizer claims,

and to revise the CSFs to state the % Nitrogen in the formulation. Product Name: Allectus 0.18 G Plus Turf Fertilizer Insecticide

EPA Registration Number: 432-1418

Application Dates: September 22, 2014; January 28, 2015

Decision Numbers: 496735, 499766

Dear Ms. Pangilinan:

The amended label referred to above and the Confidential Statements of Formula (CSFs), submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act, as amended, are acceptable. This approval does not affect any conditions that were previously imposed on this registration. You continue to be subject to existing conditions on your registration and any deadlines connected with them.

A stamped copy of your labeling is enclosed for your records. This labeling supersedes all previously accepted labeling. You must submit one copy of the final printed labeling before you release the product for shipment with the new labeling. In accordance with 40 CFR 152.130(c), you may distribute or sell this product under the previously approved labeling for 18 months from the date of this letter. After 18 months, you may only distribute or sell this product if it bears this new revised labeling or subsequently approved labeling. "To distribute or sell" is defined under FIFRA section 2(gg) and its implementing regulation at 40 CFR 152.3.

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.

Please note that the record for this product currently contains the following CSFs:

Page 2 of 2 EPA Reg. No. 432-1418 Decision Nos. 496735, 499766

- Basic CSF dated 12/01/14
- Alternate CSF 1 dated 12/02/14
- Alternate CSF 2 dated 12/03/14
- Alternate CSF 3 dated 12/05/14
- Alternate CSF 4 dated 12/06/14
- Alternate CSF 5 dated 12/08/14
- Alternate CSF 6 dated 12/09/14

Any CSFs other than those listed above are superseded/no longer valid.

Your release for shipment of the product 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. If you have any questions, please contact Gene Benbow by phone at 703-347-0235 or via email at Benbow.Gene@epa.gov.

Sincerely,

Venus Eagle, Product Manager 01 Invertebrate & Vertebrate Branch 3 Registration Division (7505P) Office of Pesticide Programs

Enclosure

GROUP	3	4A	INSECTICIDE
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ALLECTUS® 0.18 G PLUS TURF FERTILIZER Insecticide

For fertilization and insect control in turfgrass areas on athletic fields and parks and residential, commercial institutional, and recreational lawns. Not for use on golf courses or sod farms.	, industrial,
For control of grubs, treats up to sq. ft.	
For control of surface feeders, treats up to sq. ft.	
[Coleoptera: Scarabaeidae Image], [Annual Bluegrass Weevil: Listronotus maculicollis], [Chinch Bug: Blissu Editorial Note – [Bracketed text] is optional language	s spp.]
ACTIVE INGREDIENT:	
Imidacloprid, 1-[(6-Chloro-3-pyridinyl)methyl]-N-nitro-2-imidazolidinimine	0.1%
Bifenthrin*	0.08%
OTHER INGREDIENTS:	99.82%
TOTAL:	100.00%
[Fertilizer Analysis: X-X-X]	
EPA Reg. No. 432-1418	EPA Est. No
*Cis isomers 0.70/ minimum trans isomers 20/ maximum	

Net Content/Net Weight 50 Lbs. (22.68 Kg.) [For control of grubs, treats up to 10,890 sq ft.

For control of surface feeders, treats up to 21,780 sq ft]

Net Content/Net Weight 20 Lbs. (9.07 Kg.) [For control of grubs, treats up to 4,356 sq. ft.

For control of surface feeders, treats up to 8,712 sq. ft.]

STOP - READ THE LABEL BEFORE USE. KEEP OUT OF REACH OF CHILDREN.

CAUTION

For MEDICAL and TRANSPORTATION Emergencies ONLY Call 24 Hours A Day 1-800-334-7577 (or specific company number) For PRODUCT USE Information Call 1-800-331-2867 (or specific company number)

FIRST AID				
If on skin:	Take off contaminated clothing.			
	Rinse skin immediately with plenty of water for 15 to 20 minutes.			
	Call a poison control center or doctor for treatment advice.			
If in eyes:	Hold eye open and rinse slowly and gently with water for 15 to 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.			
	ontainer or label with you when calling a poison control center or doctor or going for treatment. In case of tree the Bayer Environmental Science Emergency Response Telephone No. 1-800-334-7577.			
Note To Physician:	: No specific antidote is available. Treat the patient symptomatically.			
This product contains a pyrethroid. If large amounts have been ingested, milk, cream and other digestible fats and oils may increase absorption and so should be avoided.				

ACCEPTED

2/11/2015

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

432-1418

Cis isomers 97% minimum, trans isomers 3% maximum.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS CAUTION

Harmful if 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 contaminated clothing before reuse.

ENVIRONMENTAL HAZARDS

This product is extremely toxic to fish and aquatic invertebrates. Run-off may be 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 or garden will help to prevent run off to water bodies or drainage systems.

This product contains a chemical with properties and characteristics associated with chemicals detected in groundwater. The use of this chemical in areas where soils are permeable, particularly where the water table is shallow, may result in groundwater contamination.

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 requirement specific to your State or Tribe, consult the agency responsible for pesticide regulation.

APPLICATION TO TURFGRASS

The use of this product will provide plant nutrients as well as providing control of selected insect pests. ALLECTUS® 0.18 G Plus Turf Fertilizer Insecticide can be used for the control of soil inhabiting pests of turfgrass; for example northern and southern masked chafers, Cyclocephala borealis, C. immaculata, and/or C. lurida; Asiatic garden beetle, Maladera castanea; black vine weevil, Otiorhyncus sulcatus, European chafer, Rhizotrogus majalis; green June beetle, Cotinis nitida; May or June beetles, Phyllophaga spp.; Japanese beetle, Popillia japonica; oriental beetle, Anomala orientalis;, Euetheola humulis rugiceps; billbugs, Sphenophorus spp.; annual bluegrass weevil, Listronotus maculicollis; black turfgrass ataenius, Ataenius spretulus; Aphodius spp; Crane flies, Tipula spp.; frit fly, Oscinella frit; chinch bugs, Blissus spp.; fire ants, Solenopsis spp.; cutworms, Agrotis ipsilon, Peridroma saucia, Nephalodes menians; armyworms, Spodoptera spp., Pseudaletia spp.; sod webworm, Crambus spp.; and mole crickets, Scapteriscus spp. ALLECTUS 0.18 Plus Turf Fertilizer Insecticide can be used as directed on turfgrass; for example, in home lawns, business and office complexes, shopping complexes, multi-family residential complexes, airports, cemeteries, parks, playgrounds, and athletic fields.

The active ingredients ALLECTUS 0.18 G Plus Turf Fertilizer Insecticide have sufficient residual activity so that applications for control of subsurface feeders can be made preceding the egg laying activity. The need for an application for control of subsurface feeders can be based on historical monitoring of the site, previous records or experiences, current season adult trapping or other methods. Optimum control of subsurface feeders will be achieved when applications are made prior to egg hatch of the target pest, followed by sufficient irrigation or rainfall to move the active ingredient through the thatch.

The active ingredients in ALLECTUS 0.18 G Plus Turf Fertilizer Insecticide have sufficient knockdown and residual activity to provide remedial and residual control of surface feeding pests. Applications for control of surface feeding pests can be made when infestations are anticipated based on historical monitoring of the site, previous records or experience, current season adult trapping or presence of insects at economic thresholds as determined by scouting and/or recommendations of local State extension personnel or other qualified specialists.

Do not apply more than 250 lb of ALLECTUS 0.18 G Plus Turf Fertilizer Insecticide (0.25 lb of imidacloprid, 0.2 lb bifenthrin) per acre per application on residential use sites (i.e., around private homes, apartment buildings, condominiums, non-agricultural outbuildings, non-commercial greenhouses, pre-schools or day care facilities). May be applied at up to 500 lb of ALLECTUS 0.18 G Plus Turf Fertilizer Insecticide (0.5 lb of imidacloprid, 0.4 lb bifenthrin) per application on non-residential use sites (i.e., around institutional, public, commercial or industrial buildings; parks; recreational areas or athletic fields).

Do not apply when turfgrass areas are waterlogged or the soil is saturated with water. Adequate distribution of the active ingredient cannot be achieved when these conditions exist. The treated turf must be in such a condition that the rainfall or irrigation will penetrate vertically in the soil profile. Total amount applied cannot exceed a total of 500 lb (0.5 lb of imidacloprid, 0.4 lb of bifenthrin) per acre per year.

Not for use in commercial greenhouses or on grass grown for seed or on golf courses and sod farms. For use on plants intended for aesthetic purposes or climatic modification and being grown in interior plantscapes, ornamental gardens or parks, or on lawns and grounds.

APPLICATION EQUIPMENT

Apply ALLECTUS 0.18 G Plus Turf Fertilizer Insecticide uniformly over the area being treated with normally used granular application equipment. Both drop-type and rotary-type spreaders may be used to apply ALLECTUS 0.18 G Plus Turf Fertilizer Insecticide. Avoid the use of spreaders that apply the material in narrow, concentrated bands. Calibrate application equipment prior to use according to

the manufacturer's directions. Check frequently to be sure equipment is working properly and distributing granules uniformly and accurately.

Resistance Management

Some insects are known to develop resistance to insecticides after repeated use. As with any insecticide, the use of this product should conform to resistance management strategies established for the use area. ALLECTUS 0.18 G Plus Turf Fertilizer Insecticide contains Group 3 and 4A insecticides. Insect biotypes with acquired or inherent resistance to Group 3 and 4A insecticides may eventually dominate the insect population if Group 3 and 4A insecticides are used repeatedly as the predominant method of control for targeted species.

APPLICATION DOSAGE INFORMATION

(Be sure to read "APPLICATION EQUIPMENT" Section of this label)

SITE	PEST		DOSAGE ALLECTUS 0.18 G Plus Turf Fertilizer Insecticide
Turfgrasses	Larvae of subsurface feeders: Asiatic garden beetle Black turfgrass ataenius Black vine weevil European chafer European crane fly	Green June beetle Japanese beetle Northern masked chafer Oriental beetle Phyllophaga spp. Southern masked chafer	200 to 250 lb per acre (4.6 to 5.7 lb per 1,000 sq ft)
	Adults and/or larvae of subsurface and surface feeding pests: Centipedes Fleas Millipedes Ticks	Imported fire ants Mole crickets Pillbugs Sowbugs	150 to 250 lb per acre (3.4 to 5.7 lb per 1,000 sq ft) or for heavy infestations, a single annual application of 400 to 500 lb per acre (9.2 to 11.4 lb per 1,000 sq ft) to non-residential turf
	Adults and/or larvae of surface feeders: Annual bluegrass weevil Billbugs Chinch bugs	Frit fly Leafhoppers Mealybugs Nuisance ants	150 to 250 lb per acre (3.4 to 5.7 lb per 1,000 sq ft)
	Larvae of surface feeders: Armyworm	Cutworm Sod webworms	100 to 250 lb per acre (2.3 to 5.7 lb per 1,000 sq ft)

Consult your local State Agricultural Experiment Station or State Extension Turf Specialists for more specific information regarding timing of application.

RESTRICTIONS: For optimum control, irrigate if rainfall does not occur within 24 hours after application to move the active ingredient through the thatch. Do not apply more than 500 lb product (0.5 lb of imidacloprid active ingredient, 0.4 lb bifenthrin) per acre per year. Do not apply more than 250 lb product (0.25 lb imidacloprid, 0.2 lb bifenthrin) per acre per application to residential turf. Avoid mowing turf or lawn area until after irrigation or rainfall has occurred so that uniformity of application will not be affected.

In New York State, this product may NOT be applied to any grass or turf area within 100 feet of a water body (lake, pond, river, stream, wetland, or drainage ditch).

In New York State, do make a single repeat application of ALLECTUS 0.18 G Plus Turf Fertilizer Insecticide if there are signs of renewed insect activity, but not sooner than two weeks after the first application.

Annual Bluegrass Weevil (*Listronotus maculicollis*) adults: Time applications to control adult weevils as they leave their overwintering sites and move into grass areas. This movement generally begins when Forsythia is in full bloom and concludes when flowering dogwood (*Cornus florida*) is in full bloom. Consult your State Cooperative Extension Service for more specific information regarding application timing.

Annual Bluegrass Weevil (*Listronotus maculicollis*) larvae: For best results, apply at the first sign of wilting of bluegrass. For the first generation, this wilting often occurs after full bloom of flowering dogwood (*Cornus florida*).

Armyworms, Cutworms and Sod Webworms: If the grass area is being maintained at a mowing height of greater than 1 inch, then higher application rates (up to 5.7 lb per 1,000 sq ft) may be required during periods of high pest pressure.

Billbug adults: For best results, apply when adult billbugs are first observed during April and May. Degree day models have been developed to optimize application timing. Consult your State Cooperative Extension Service for information specific to your region. In temperate regions, spring applications targeting billbug adults will also provide control of over-wintered chinch bugs.

Chinch Bugs: Chinch bugs infest the base of grass plants and are often found in the thatch layer. Irrigation of the grass area before treatment will optimize the penetration of the insecticide to the area where the chinch bugs are located. Chinch bugs can be one of the most difficult pests to control in grasses and the higher application rates (Up to 5.7 lb per 1,000 sq ft) may be required to control populations that contain both nymphs and adults during the middle of the summer.

Imported Fire Ants: Apply as a broadcast treatment in non-residential turf areas up to 11.4 lb per 1,000 sq ft. For mound treatment, apply 1 cup of ALLECTUS 0.18 G Plus Turf Fertilizer Insecticide per mound and then drench the mound with 1 to 2 gallons of water. Treat mounds with sufficient force to break their apex and allow the insecticide to flow into the ant tunnels.

Mole Cricket adults: Achieving acceptable control of adult mole crickets is difficult because grass areas are subject to continuous invasion during the early spring by this large active stage. For application when both adults and/or large nymphs are present and actively tunneling, irrigate prior to application if soil is dry and apply 5.7 lbs per 1,000 sq ft. For best results, water-in applications with up to 0.5 inches of water immediately after treatment. Treat grass areas that receive pressure from adult mole crickets within one month of peak egg hatch to ensure optimum control of subsequent nymph populations (see below). For heavily infested mole cricket areas, or in areas with a history of mole cricket infestation, use a single seasonal application rate of 400 to 500 lb per acre (9.2-11.4 lb per 1,000 sq ft) to non-residential turf.

Mole Cricket nymphs: For best results, treat grass areas that received adult mole cricket pressure in the spring within one month of peak egg hatch. Optimal control is achieved at this time because young nymphs are more susceptible to insecticides. Control of larger, more damaging, nymphs later in the year will require higher application rates to maintain acceptable control. For maximum effectiveness, irrigate prior to application if soil is dry, apply as a broadcast treatment at 5.7 lb per 1,000 sq ft. For best results, water-in applications with up to 0.5 inches of water after treatment. For heavily infested mole cricket areas, or in areas with a history of mole cricket infestation, use a single seasonal application rate of 400 to 500 lb per acre (9.2-11.4 lb per 1,000 sq ft) to non-residential turf.

Pillbugs and sowbugs: For heavy infestations apply 500 lbs per acre (11.4 lbs per 1,000 sq ft) of ALLECTUS 0.18 G Plus Turf Fertilizer Insecticide to non-residential turf.

Ticks (Including ticks that may transmit Lyme disease and Rocky Mountain spotted fever): Treat the entire area where exposure to ticks may occur. Ticks may be reintroduced from surrounding areas on host animals. Retreatment may be necessary to achieve and/or maintain control during periods of high pest pressure. Repeat application is necessary only if there are signs of renewed activity. Limit repeat application to no more than once per seven days. Deer ticks (*Ixodes* spp.) have a complicated life cycle that ranges over a two year period and involves four life stages. Make applications in the late fall and/or early spring to control adult ticks that are usually located on brush or grass above the soil surface and in mid to late spring to control larvae and nymphs that reside in the soil and leaf litter. American dog ticks (*Dermacentor variabilis*) may be a considerable nuisance in suburban settings, particularly where homes are built on land that was previously field or forest. These ticks commonly congregate along paths or roadways where humans are likely to be encountered. Make applications as necessary from mid-spring to early fall to control American dog tick larvae, nymphs and adults.

Spreader settings for ALLECTUS 0.18 G PLUS TURF FERTILIZER Insecticide

The following chart can be used as a guide in establishing an accurate rate of ALLECTUS 0.18 G PLUS TURF FERTILIZER Insecticide. Application rates will vary depending upon speed, equipment wear and condition of spreader. Carefully calibrate application equipment prior to commercial use of this product.

[SPREADER SETTING TABLE TO BE INSERTED HERE]

RESTRICTIONS

- Avoid runoff or puddling of irrigation water following application. Avoid application of ALLECTUS 0.18 G Plus Turf Fertilizer
 Insecticide to areas which are waterlogged or saturated, which will not allow penetration into the root zone of the plant. Do not
 apply more than 500 lb (0.5 lb of imidacloprid and 0.4 lb of bifenthrin) per acre per year.
- Treated areas may be replanted with any crop specified on an imidacloprid and a bifenthrin label, or with any crop for which a tolerance exists for the two active ingredients.
- For crops not listed on any imidacloprid and a bifenthrin label, or for crops for which no tolerances for the active ingredients have been established, a 12-month plant-back interval must be observed.
- Do not apply by air.
- Not for use in nurseries or commercial greenhouses.
- · Apply this product directly to the lawn or garden area. Water treated area as directed on this label.
- Do not water to the point of run-off. Do not make applications during rain.
- Application is prohibited directly into sewers or drains, or to any area like a gutter where drainage to sewers, storm drains, water bodies, or aquatic habitat can occur. Do not allow the product to enter any drain during or after application.
- Not for use in sod farms.

STORAGE AND DISPOSAL

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

Pesticide Storage: Store in a cool, dry place and in such a manner as to prevent cross contamination with other pesticides, fertilizers, food, and feed. Store in original container and out of the reach of children, preferably in a locked storage area.

Handle and open container in a manner as to prevent spillage. If material is spilled for any reason or cause, carefully contain any spilled material to prevent non-target contamination. Do not walk through spilled material and dispose of as directed for pesticides below. Refer to Precautionary Statements on label for hazards associated with the handling of this material. In spill or leak incidents, keep unauthorized people away. You may contact the Bayer Environmental Science Emergency Response Team {or specific company information} for decontamination procedures or any other assistance that may be necessary. The Bayer Environmental Science Emergency Response Telephone No. is 1-800-334-7577 or contact Chemtrec at 1-800-424-9300. {or specific company information}

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: Non-refillable container. Do not reuse or refill this container. Offer for recycling, if available. Completely empty bag into application equipment. Dispose of empty bag in a sanitary landfill, by incineration, or if allowed by the state and local authorities, by burning. If burned, stay out of smoke.

IMPORTANT: READ BEFORE USE

Read the entire Directions for Use, Conditions, Disclaimer of Warranties and Limitations of liability before using this product.

If terms are not acceptable, return the unopened product container at once. By using this product, user or buyer accepts the following conditions, disclaimer of warranties and limitations of liability.

CONDITIONS: The directions for use of this product are believed to be adequate and must be followed carefully. However, it is impossible to eliminate all risks associated with the use of this product. Ineffectiveness, plant injury or other property damage, or other unintended consequences may result because of factors beyond the control of Bayer CropScience LP such as weather conditions, presence of other materials or the manner of use or application. All such risks shall be assumed by the user or buyer.

DISCLAIMER OF WARRANTIES: TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, BAYER CROPSCIENCE LP MAKES NO OTHER WARRANTIES, EXPRESS OR IMPLIED, OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE OR OTHERWISE, THAT EXTEND BEYOND THE STATEMENTS MADE ON THIS LABEL. No agent of Bayer CropScience is authorized to make any warranties beyond those contained herein or to modify the warranties contained herein. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, BAYER CROPSCIENCE LP DISCLAIMS ANY liability whatsoever for special, incidental or consequential damages, resulting from the use or handling of this product.

LIMITATIONS OF LIABILITY: TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, THE EXCLUSIVE REMEDY OF THE USER OR BUYER FOR ANY AND ALL LOSSES, INJURIES OR DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, WHETHER IN CONTRACT, WARRANTY, TORT, NEGLIGENCE, STRICT LIABILITY OR OTHERWISE, SHALL NOT EXCEED THE PURCHASE PRICE PAID, OR AT BAYER CROPSCIENCE LP'S ELECTION. THE REPLACEMENT OF PRODUCT.

Allectus is a registered trademark of Bayer Lesco and Poly Plus are registered trademarks of LESCO

PRODUCED FOR



A Division of Bayer CropScience LP 2 T.W. Alexander Drive Research Triangle Park, NC 27709

Allectus 0.18 G Plus Turf Fertilizer Insecticide (PENDING) 05/14/2014. 10/28/2014

[For placement under Fertilizer Guaranteed Section]

[Guaranteed] Fertilizer Analysis [company name]: X-X-X

Fertilizer Guaranteed by [Company Name]

Information regarding the contents and levels of metals in this product are available on the Internet at http://www.regulatory-info-ba.com {or specific company website}

Net Weight: lb (kg)

[Florida License Number: FXXXX]

[Fertilizer Marketing Claims]

• Contains LESCO® Poly Plus® Polymer Coated Urea to provide a uniform growth with extended nitrogen feeding.



- 1 Arborite® is a registered trademark of Weyerhauser NR Company
- 2 ALL N is a trademark of Turf Care Supply Corp



ALL N is a trademark of Turf Care Supply Corp.