

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

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

Mr. Charles W. Boyd
Product Registrations
Bayer Cropscience
2 T.W. Alexander Drive
Research Triangle Park, NC 27709

APR 1 0 2008

SUBJECT:

Application for Pesticide Notification (PRN 98-10)

Request Alternate Brand Name "Bayer Advanced Season Long Grub Control Plus

Turf Revitalizer Ready-To-Spread Granules" and Marketing Claims

EPA Reg. No.72155-36

Application Dated March 5, 2007

Dear Registrant:

The Agency is in receipt of your Application for Pesticide Notification under Pesticide Registration Notice (PRN) 98-10 dated 03/05/2007 for the above product. The Registration Division (RD) has conducted a review of this request for its applicability under PRN 98-10 and finds that the action(s) requested fall within the scope of PRN 98-10. The label submitted with the application has been stamped "Notification" and will be placed in our records.

If you have any questions, please call me directly at 703-305-6249 or Owen F. Beeder of my staff at 703-308-8899.

Sincerely,

Linda Arrington

Notifications & Minor Formulations Team Leader Registration Division (7505P)

Office of Pesticide Programs

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United States

	Registration
	Amendment
ل	Other

OPP Identifier Number

SEPA	Environmental Prote Washington, Di	•	icy		X	Amendme Other	ent		
	Applic	cation for Po	estici	ide - Sect	ion	1 .	·		
1, Company/Product Numb 72155-36	181	1		Product Mana Eagle	iger		I	oposed Clas	sification Restricted
4. Company/Product (Name Merit 0.25 Plus Lawn and			РМ # 1],,,,,,	
Bayer Advanced 2 T.W. Alexander Dr Research Triangle F		1	(b)(i), n to: EPA F	my product is	s sim	In accordance	ıl in co	mposition a	
		Secti							
Notification - Explain	sponse to Agency letter deted		- []	Final printed Agency lette "Me Too" A Other - Expl	er date pplica	ation.	,		
See Attached	onal page(s) if necessary. (For s	ection I and Sect	lion (I.)				•		
		Section	on - I	11					
1. Material This Product Wi	îli Be Packaged in:				<u> </u>				
Child-Resistent Packaging Yes No Certification must be submitted	Unit Peckaging Yes No If "Yes" No. pe Unit Peckaging wgt.	N If "Yes"	'es lo	No. per container		G P	Aetal Tastic Glass Paper	pecify)	
3. Location of Net Contents	s Information 4. Size(s	s) Retail Containe) r	<u> </u>	5. Loc	cation of Label (Jirectio	ns	
6. Manner in Which Label is		ithograph Paper glued Stenciled		Other					
	<u></u>	Section	on - l'	V			,		· ·
1. Contact Point Complete	e items directly below for identifi	ication of individe	uel to b	e contected, in	f nece	essary, to proce	ss this	application.	ļ
Name Charles W. Boyd	1	Title Registra	ations	Manager			-	9 No. (Inclué 549-2422	a Area Code)
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2. Signatura Charly W.	Bould Digitally aigned by Charles Boyd Divinor-Charles Boyd, c-US, on-Bayer Crop Scene, cut-Charles Boyd, c-US, on-Bayer Crop Scene, cut-Charles Boyd Obsyercropsclence common Date: 2008.03.05 12.42:20 -05'00'		ations	s Manage	er er		(((((((((((((((((((c (
4. Typed Name		5. Date						, , , ,	
Charles W. Boyd		Marc	h 5, 1	2008				ι (

Imidacloprid 0.25% Plus Lawn and Garden Fertilizer EPA Reg. No. 432-36 March 5, 2008

Page 1 of 1

Section II - Explanation

Bayer Advanced is submitting a **Notification** of alternate brand name and also to clarify the following claims on the label for the above-mentioned product. The alternate brand name is "Bayer Advanced Season Long Grub Control Plus Turf Revitalizer Ready-To-Spread Granules." We are adding the word once to the claim "Apply once anytime — spring through late summer", and adding the term turf as an optional replacement for the term the lawn in the following claim "Kills grubs all season-long plus revitalizes (turf) the lawn."

These claims are simply reworded versions of claims that are already present on the approved label.

This notification is consistent with the provision of PR Notice 98-10 and EPA regulations at 40 CFR 152.46, and no other changes have been made to the labeling or the confidential statement of formula of this product. I understand that it is a violation of 18 U.S.C. Sec. 1001 to willfully make any false statement to EPA. I further understand that if this notification is not consistent with the terms of PR Notice 98-10 and 40 CFR 152.46, this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under sections 12 and 14 of FIFRA.



4

Bayer Advanced Season Long Grub Control Plus Turf Revitalizer Ready-To-Spread Granules

READY TO USE

Kills White Grubs, Mole Crickets, and European Crane Fly larvae

For Use On: Lawns, Ground Covers, Flower Beds, and around Trees & Shrubs

- · Just One Application Kills Grubs, Mole Crickets, and European Crane Fly larvae All Season Long
- Apply Once, Anytime...Spring Through Late Summer

CONTAINS ROOT BOOSTER™

- · X-X-X Feeds Root Systems
- Promotes Vigorous Root Growth

(ART: treated lawn, untreated lawn)

- Convenient, Two-in-One Formula
- Feeds Roots (the lawn) and (Plus) Protects Against Grubs
- Season-Long Grub Control
- Kills White Grubs Before They Damage Your Lawn
- · Kills White Grubs Early, Before They Damage Your Lawn
- · Promotes Strong Roots
- · Helps Strengthen Root Systems by Promoting Growth
- Helps Lawn Recover
- Helps Strengthen Root Systems
- · Rejuvenates the Lawn
- Patented Formula Helps Lawn Recover
- Unique Patented Formula
- Contains Merit®
- Suppresses chinch bugs and cutworms
- Also Kills Mole Crickets, Billbugs, Annual Bluegrass Weevils, and European Crane Fly larvae
- 100% satisfaction guaranteed
- Kills grubs all season-long plus revitalizes (turf) the lawn
- Defends against grubs plus helps turf recover
- One application of this product kills grubs all season-long and revitalizes your lawn. This patented 2-in-1 formula creates a
 protective zone in the soil to kill grubs before they can cause damage plus promotes new growth in stressed lawns. Keeping
 your lawn beautiful and free of damaging grubs has never been easier.

ACTIVE INGREDIENT:	
Imidacloprid,*	%
OTHER INGREDIENTS: 99.75	%

EPA Reg. No. 72155-36

Net Contents: ___ Pounds

STOP - Read the label before use Keep out of reach of children FOR OUTDOOR RESIDENTIAL USE

CAUTION

See back panel for Ingredients and Additional Precautionary Statements of New York.

Not for sale, sale into, distribution and or use in Nassau, Suffolk, Kings, and Queens counties of New York.

[BACK PANEL]

READ THE LABEL FIRST!

QUICK FACTS

- Easy-To-Use Granules
- Unique Double Action Formula (2-in-1)
 - Kills White Grubs Before They Damage Lawns
 - Feeds Root Systems
 - Feeds the lawn (for thicker, greener turf)
- Two-In-One Formula Kills Grubs While Feeding Your Lawn
- · Kills White Grubs Before They Damage Lawns
- Just One Application Stops Grubs From Spring Through Late Summer
- Season-Long Grub Control
- Kills White Grubs, Billbugs, Annual Bluegrass Weevils, Mole Crickets, and European Crane Fly larvae Early, Before They Damage The Lawn

(including larvae of the Asiatic Garden Beetle, Black Turfgrass Ataenius, Chafers, Japanese Beetle, May Or June Beetle, and Oriental Beetle.) Billbugs Annual Bluegrass Weevils Mole Crickets (ART: MOLE CRICKET) European Crane Fly larvae (ART: EUROPEAN CRANE FLY LARVAE) Suppresses Chinch bugs and Cutworms Promotes strong roots. (Builds thicker, greener turf)
Annual Bluegrass Weevils Mole Crickets (ART: MOLE CRICKET) European Crane Fly larvae (ART: EUROPEAN CRANE FLY LARVAE) Suppresses Chinch bugs and Cutworms
Mole Crickets (ART: MOLE CRICKET) European Crane Fly larvae (ART: EUROPEAN CRANE FLY LARVAE) Suppresses Chinch bugs and Cutworms
European Crane Fly larvae (ART: EUROPEAN CRANE FLY LARVAE) Suppresses Chinch bugs and Cutworms
Suppresses Chinch bugs and Cutworms
Promotes strong roots. (Builds thicker, greener turf)
This bag covers up to 5,000 sq ft (12 lb bag) (white grubs, billbugs, annual bluegrass weevils, and European crane fly larvae)
4,000 sq ft (mole crickets)
Lawns, ground covers, flower beds, shrubs, trees
May through mid-August
See spreader settings
Questions or comments, call toll-free (877) 229-3725 www.BayerAdvanced.com

ACTIVE INGREDIENT:

 Imidacloprid*
 0.25 %

 OTHER INGREDIENTS**:
 99.75 %

 100.00 %
 100.00 %

Other ingredients include: Fertilizer, Sticker and Surfactants

Imidacloprid is the chemical name for Merit® insecticide.

EPA Reg. No. 72155-36

FERTILIZER ANALYSIS x-x-x

EPA Est. No. XXX



PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION

- · Harmful if swallowed or absorbed through skin.
- · Causes eye irritation.
- · Avoid contact with skin, eyes, or clothing.
- · Wash thoroughly with soap and water after handling.

FIRST AID

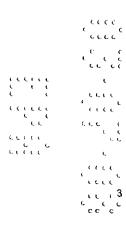
if swallowed	 Call poison center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by the poison control center or doctor. Do not give anything by mouth to an unconscious person.
If on skin or clothing	 Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 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 15-20 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.
(f 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.

NOTE: When calling poison control center, have this product label accessible. If seeking treatment at an emergency room or doctor's office, bring this product label to show medical personnel. You may call TollFree 1-877-229-3763 for medical emergency information. Active Ingredient: Imidacloprid [*CAS # 138261-41-3].

To Physician: No specific antidote is available. Treat the patient symptomatically.

ENVIRONMENTAL HAZARDS

- This product is highly toxic to aquatic invertebrates.
- Do not apply directly to water.
- Do not contaminate water when cleaning equipment or disposing of equipment washwater.



DIRECTIONS FOR U	JSE	
It is a violation of Federal La	aw to use this product in a manner inconsistent with its labeling.	
For best results, read and for	ollow all label directions.	
BEFORE YOU USE	Do not apply the product near fish pools, ponds, streams or lakes.	
Read and follow these directions when using	Do not use in vegetable gardens	
TO CONTROL	WHEN TO APPLY	
GRUBS	Apply once anytime from May through mid-August.	
BILLBUGS AND ANNUAL BLUEGRASS WEEVILS	Apply once, when adults are present in large numbers (early to late sp	ring)
EUROPEAN CRANE FLY LARVAE	Apply once, when these insects are present in large numbers (late sur	nmer to mid-fall)
MOLE CRICKETS	Apply once anytime from mid-May through mid-June.	
	Florida residents: Apply once anytime between early April through ear	<u> </u>
For best results, apply this p Contact your County Extens	product before grubs, billbugs, annual bluegrass weevils, European cransion Agent for the ideal dates to apply in your area.	ne flies, or mole crickets hatch.
LAWNS	How Much: See Spreader Settings	
	Adjust spreader to the proper setting (see Spreader Settings).	(ART)
	To be sure you cover the entire area 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.	(ART)
	Water thoroughly after applying.	(ART)
FLOWER BEDS, GROUND COVERS,	How Much: 0.4 oz (X Tablespoons) per 10 sq ft of planting bed. 4 oz (X cups) per 100 sq ft of planting bed.	
TREES & SHRUBS	Spread granules evenly to the soil over flower beds, ground cover plantings, shrub beds and under trees. Tip: A hand-held spreader makes this easy.	(ART)
	Rake granules into the soil around plants.	(ART)
	Water thoroughly after applying.	(ART)
FOR BEST RESULTS	 Apply early, before grubs, billbugs, annual bluegrass weevils, Eurocrickets hatch. 	opean crane flies, and mole
	Water thoroughly within 24 hours after applying.	
	Do not mow until the granules are watered into the soil.	
	Avoid applying this product to waterlogged areas, as this may dec	
	You may spread this product over soil or mulch. If present, remove	e weed barrier before applying.
SIGNS OF DAMAGE TO LA		
GRUBS	White grubs cause extensive damage to lawns by feeding on grass roc and dies. Grubs chew off roots so that the grass is easily pulled up in p it back like a carpet to reveal the grubs. If patches of dead grass appearance	pieces with your hands. You can roll ared in your lawn late last summer.
BILLBUGS AND ANNUAL BLUEGRASS WEEVILS	Grass turns yellow, then brown, and dies. Stems of damaged grass br	eaks off easily.
EUROPEAN CRANE FLY LARVAE	European crane fly larvae often cause damage by feeding on grass roo	ots and disrupting the scale surface.
MOLE CRICKETS	Mole crickets often cause extensive damage by tunneling through lawn roots. Tunneling uproots the grass so it easily dries out. Lawns turn yel eventually die.	llow, tieconie thin, weedy, and can
HOW IT WORKS	After this product granules are watered in, a protective zone is formed product kills grubs, billbugs, annual bluegrass weevils, European crane hatchbefore they can cause damage. Also can suppress chinch bug when they are young.	e flies, and mole crickets when they

.



Children and pets may re-enter after the treated area has been watered and allowed to dry.

Spreader Settings

If your spreader is not listed, please call our Consumer Service Hotline toll-free (877) 229-3725 for help.

Rate for grubs, billbugs, annual bluegrass weevils, and European crane fly larvae: 2.4 lbs per 1,000 sq ft

Rate for mole crickets and suppression of chinch bugs and cutworms: 3 lbs per 1,000 sq ft

SPREADER	SETTING*	SETTING*
	To deliver 2.4 lbs per 1,000 sq ft	To deliver 3 lbs per 1,000 sq ft
Vigoro Drop		
Vigoro Rotary		·
Sta-Green Drop		
Sta-Green Rotary	Spreader settings to be determined.	Spreader settings to be determined.
Bandini	·	
Ev-N-Spread Rotary	i .	
Ortho Drop		
Ortho Rotary		
Precision Drop		
Precision Rotary		
Quaker Rotary		
Republic EZ Drop		
Republic EZ Grow		
Republic EZ Rotary		
Scotts Drop		
Scotts Accugreen		
Scotts Easygreen		
Scotts Evengreen		
Scotts Speedy Green		•
True Temper Rotary		
ADD: TWO-IN-ONE SPREADERS	; \ \	

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: 1000 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

STORAGE AND DISPOSAL

Storage Conditions:	Store in original container in a cool, dry place, out of the reach of children, preferably a locked storage cabinet.
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 for disposal instructions. Never place unused product down any indoor or outdoor drain.



NOTICE

Research and testing has determined that the "Directions for Use" are appropriate for the proper use of this product under expected conditions. 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, we will gladly refund your original purchase price.



www.bayeradvanced.com

A Business Unit of Bayer CropScience LP P.O. Box 12014, 2 T.W. Alexander Drive Research Triangle Park, North Carolina 27709

Bayer Advanced Season Long Grub Control (MASTER) Approved 11/13/03, Notification 09/01/05, Notification 03/04/08