

PLEASE NOTE

This image contains more than one label approved for this product on this date.

9198-236

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

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

JUN 23 2009

Ms. Debbie Ziehr
Regulatory Administrator
The Andersons, Inc.
P.O. Box 119
Maumee, OH 43537

Subject: The Andersons 0.2% Imidacloprid Insecticide + Fertilizer
EPA Reg. No. 9198-236
Notification Application Dated May 11, 2009

Dear Ms. Ziehr:

The Agency has reviewed your amended Application for Pesticide Notification under Pesticide Registration Notice (PRN) 98-10 dated May 11, 2009, for The Andersons 0.2% Imidacloprid Insecticide + Fertilizer, EPA Reg. No. 9198-236. The Registration Division (RD) has reviewed this request for applicability under PRN 98-10 and finds that the amended request can be accepted as falling within the scope of PRN 98-10.

The claim "Contains Nutrisphere-N[®]" may only be placed on the label for containers of this product when that ingredient is actually in the formulation. In all other instances, this claim would be a false statement about the composition of the product and a "false or misleading statement about the value of the product for purposes other than as a pesticide". See 40 CFR §156.10(a)(5)(ii) and 40 CFR §156.10(a)(5)(iii).

If you have any questions, please call me directly at 703-305-6406.

Sincerely,

A handwritten signature in black ink, appearing to read "William W. Jacobs".

William W. Jacobs
Insecticide-Rodenticide Branch
Registration Division (7505P)
Office of Pesticide Programs



United States
Environmental Protection Agency
Washington, DC 20460

<input type="checkbox"/>	Registration
<input type="checkbox"/>	Amendment
<input checked="" type="checkbox"/>	Other

OPP Identifier Number

Application for Pesticide - Section I

1. Company/Product Number 9198-236	2. EPA Product Manager Eagle	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) The Andersons 0.2% Imidacloprid Insecticide & Fertilizer	PM# 1	
5. Name and Address of Applicant (Include ZIP Code) The Andersons Lawn Fertilizer Division, Inc. d/b/a Free Flow Fertilizer PO Box 119 Maumee, OH 43537 <input type="checkbox"/> Check if this is a new address	6. Expedited Review. In accordance with FIFRA Section 3(c)(3)(b)(i), my product is similar or identical in composition and labeling to: EPA Reg. No. _____ Product Name _____	

Section - II

<input type="checkbox"/> Amendment - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application.
<input checked="" type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - Explain below.

Explanation: Use additional page(s) if necessary. (For section I and Section II.)

Notification of Label change per PR Notice 98-10: Added optional marketing claim. See cover letter for details.

This notification is consistent with the guidance of PR Notice 98-10 and the requirements of EPA's regulations at 40 CFR 156.10 and 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 guidance of PR Notice 98-10 and the requirements of 40 CFR 156.10 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.

Section - III

1. Material This Product Will Be Packaged In:				2. Type of Container	
Child-Resistant Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		<input type="checkbox"/> Metal	<input checked="" type="checkbox"/> Plastic
Certification must submitted	If "Yes" Unit Packaging wgt.	No. per container	If "Yes" Package wgt	<input checked="" type="checkbox"/> Glass	<input checked="" type="checkbox"/> Paper
				<input type="checkbox"/> Other (Specify) _____	
3. Location of Net Contents Information <input checked="" type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container 10 - 2,000 lbs.		5. Location of Label Directions <input checked="" type="checkbox"/> On Label	
6. Manner in Which Label is Affixed to Product <input checked="" type="checkbox"/> Lithograph <input checked="" type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled			<input checked="" type="checkbox"/> Other pocket		

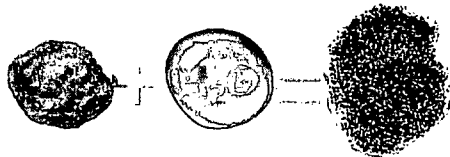
Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)		
Name Debbie Ziehr	Title Regulatory Administrator	Telephone No. (Include Area Code) 419-391-6671
Certification I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment, both under applicable law.		6. Date Application Received (Stamped)
2. Signature <i>Debbie Ziehr</i>	3. Title Regulatory Administrator	
4. Typed Name Debbie Ziehr	5. Date 5/1/09	

The Andersons 0.2% Imidacloprid Insecticide + Fertilizer

For use to control white grub larvae, mole crickets and other insect pests on any turfgrass site including residential lawns, golf courses and sod farms and in landscaped plantings, such as trees, in commercial and residential settings, golf courses, parks, recreational areas, and athletic fields.

Optional front panel claims:



Dispersing Granule Technology

- Controls white grub larvae, mole crickets & other insect pests
- Greatly reduces nutrient loss due to ball, shoe & mower pickup
- Controls early nymph stages of mole crickets
- Contains {brand name} controlled release nitrogen
- Contains NS-52® controlled release nitrogen
- Contains MUTECH™ controlled release nitrogen
- Contains Poly-S™ controlled release nitrogen
- Contains proprietary DG Pro® dispersible carrier
- Contains essential plant nutrients for turf and ornamental maintenance
- Contains essential plant nutrients to enhance recovery and resistance to destructive insect pests
- Ideal for white grub control
- Ideal for control of subsurface pests
- Contains GrubOut™ Insecticide, based on the active ingredient imidacloprid
- Multiple use rates allow targeting of specific insects
- DG Pro dispersible carrier – minimizing mower pickup and visibility on the turf
- For fertilization and insect control in turfgrass and landscape ornamentals and sod farms
- High uniformity precision blend for accurate spreading
- Small particle formula
- X% of nitrogen is from Poly-S slow release nitrogen
- Greatly reduces fertilizer loss due to ball, shoe & mower pickup
- Patented Dispersing Granule Formula
- Contains Nutrisphere-N®

Guaranteed Analysis

Total Nitrogen (N)	XX%
Available Phosphate (P ₂ O ₅)	XX%
Soluble Potash (K ₂ O)	XX%

Plant nutrients derived from:

For products being sold into states requiring fertilizer metals information::

Information regarding the contents and levels of metals in this product is available on the internet at <http://www.regulatory-info-ap.com/>

Active Ingredients

Imidacloprid† *	0.2%
Other Ingredients	99.8%
Total	100.0%

EPA Reg. No. 9198-236
EPA Est. 9198-OH-1M, 9198-OH-2B, 9198-AL-001A
Underlined letter is first letter used in run code on bag

Net Weight XX lbs. (XX kg)
Covers Up To XX,XXX Sq. Ft.

KEEP OUT OF REACH OF CHILDREN CAUTION

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

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

Personal Protective Equipment (PPE):

WPS Uses: The following Personal Protective Equipment requirements apply to uses covered under the Worker Protection Standard (40CFR Part 170), i.e. sod farm uses:

Applicators and other handlers must wear:

- Protective eye wear
- Long sleeved shirt and long pants
- Chemical resistant-gloves made of any waterproof material such as barrier laminate, butyl rubber, nitrile rubber, neoprene rubber, natural rubber, polyethylene, polyvinylchloride (PVC) or viton. If you want more options, follow the instructions for category A on an EPA chemical-resistance category selection chart.
- Shoes and socks

Non-WPS Uses: The following Personal Protective Equipment requirements apply to uses other than those covered by the WPS:

Applicators and other handlers must wear:

- Long sleeved shirt and long pants
- Gloves
- Shoes and 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 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.

FIRST AID

If swallowed	<ul style="list-style-type: none"> • Call a poison control center or doctor for treatment advice • Have person sip a glass of water if able to swallow • Do not induce vomiting unless told to by a poison control center or doctor • Do not give anything by mouth to an unconscious person.
If on skin or clothing	<ul style="list-style-type: none"> • 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	<ul style="list-style-type: none"> • Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contacts, if present, after the first 5 minutes, then continue rinsing • Call a poison control center or doctor for treatment advice
If inhaled	<ul style="list-style-type: none"> • Move person to fresh air

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	<ul style="list-style-type: none">• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible• Call a poison control center or doctor for treatment advice
Have the product container or label with you when calling a poison control center or doctor or going for treatment. You may also contact 1-800-757-8951 for emergency medical treatment information.	
Note to Physician: No specific antidote is available. Treat patient symptomatically.	

ENVIRONMENTAL HAZARDS

This pesticide is highly toxic to aquatic invertebrates. 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 cleaning equipment or when disposing of equipment washwaters.

This chemical demonstrates the 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.

READ ALL DIRECTIONS PRIOR TO APPLICATION OF THE PRODUCT

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 container grown ornamentals.

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 agency responsible for pesticide regulation.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Workers 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 this label about personal protective equipment (PPE) and restricted-entry interval. 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 12 hours.

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 is:

- Coveralls
- Chemical-resistant gloves made of any waterproof material
- Shoes plus socks

General Information

This product controls subsurface feeding pests on any turfgrass site (lawns, sod, turf areas) such as, but not limited to: golf courses, residential and commercial lawns, grounds or lawns around business and office complexes, shopping centers, multi-family and residential apartment complexes, airports, military and other institutions, cemeteries, parks and picnic areas, playgrounds, schools, athletic fields, and sod farms. It also controls insect pests in landscaped areas in golf courses, commercial and residential settings, parks, recreational areas, and athletic fields.

Application Timing

Treat prior to or during the egg laying activity and before the eggs hatch. Applications made prior to the pest infestation followed by adequate irrigation will result in the best control. Determine the need and timing of application by local site monitoring, prior history of pest infestation, current

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adult trappings or other methods. The regional differences in pest species pressure, timing for optimal control, pest monitoring methods and other particulars for your location will vary, so consult your cooperative extension service for details. To find your local extension agent, visit www.csrees.usda.gov.

Application Directions

Apply uniformly over the treatment area with either a broadcast or drop type spreader, avoiding spreaders which will apply product in narrow, concentrated bands. Apply only the specified amount in the following table. Calibrate the spreader before use and check periodically to ensure the equipment is working properly. Avoid overlaps that will increase rates above those recommended. Failure to follow the Directions for Use and all precautions may result in turf injury or poor pest control.

For best results, irrigate treated areas soon after application, enough to thoroughly wet the underlying soil; this washes the active ingredient down below the turf and thatch, and it encourages the subsurface pests to move upward in the soil profile where they will come in contact with the active ingredient. For best pest control and turf culture, minimize thatch buildup to no more than 0.5 in., using mechanical removal methods as needed.



Recent research has shown that well-maintained turf is an effective environmental buffer that prevents pollutants from entering our natural water bodies. To help protect these natural resources, please avoid applying product to sidewalks, driveways, roadways, and other impervious surfaces which are adjacent to storm drains. Sweep any misplaced granules back onto the area you are treating immediately after application, since storm drains often empty directly to nearby waterways.

Application Rates - Turfgrass

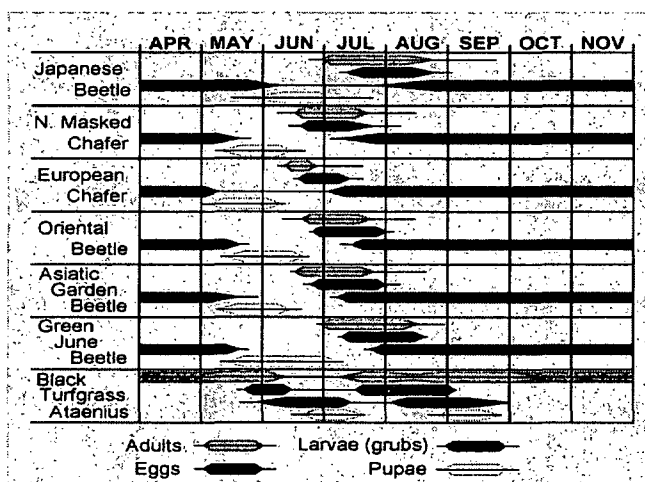
Pest	Amount of Product
White Grub Larvae, such as: Annual bluegrass weevil, (<i>Hyperodes</i> spp.) Aphodius, (<i>Aphodius</i> spp.) Asiatic garden beetle, (<i>Maladera castanea</i>) Billbugs, (<i>Sphenophorus</i> spp.) Black turfgrass ataenius, (<i>Ataenius spretulus</i>) European chafer, (<i>Rhizotroqus majalis</i>) Japanese beetle, (<i>Popillia japonica</i>) May or June beetles, (<i>Phyllophaga</i> spp.) Northern & Southern masked chafers, (<i>Cyclocephala borealis</i> , <i>C. immaculata</i> , and/or <i>C. lurida</i>) Oriental beetle, (<i>Anomala orientalis</i>)	125 – 200 lb./acre or 3.0 – 4.5 lb./1,000 sq. ft.
Crane Fly, such as European species, (<i>Tipula</i> spp.)	125 – 200 lb./acre or 3.0 – 4.5 lb./1,000 sq. ft.
Mole crickets, (<i>Scapteriscus</i> spp.)	200 lb./acre or 4.5 lb./1,000 sq. ft.

White grubs: Ideal timing for preventative applications are made is the time of peak adult flight activity as determined by local site monitoring, or as recommended by local cooperative extension agents. This is also the primary egg laying period, which will yield the best results.

Cool Season Turf Regions

The white grub life cycle chart for the **cool season turf regions** below illustrates application timing that will control many of the grub species when they are most vulnerable. During this period, adequate grub control can be obtained at 3.0 pounds per 1,000 sq. ft. in all but the most extreme situations (heavy thatch, heavy insect pressure) where the 4.5 lbs per 1,000 sq. ft. rate is necessary for adequate control.

Chart: Cool season white grub life cycle



(chart reprinted with permission of Dr. David Shetlar, Entomologist, Ohio State University, www.bugdoc.edu)

For best results, irrigate treated areas soon after application, enough to thoroughly wet the underlying soil. Use higher application rates in areas of heavy pressure and where thatch is present in excess of 0.5 in. thickness. Reduce thatch by mechanical means for best turf quality and better control of grub species.

Crane Fly (such as European species): Adults emerge from the soil to lay eggs from late August to mid-September. In areas with historic problems, an October treatment can be used to control this pest at this early, most vulnerable larval stage, which will avoid damage the following year. Otherwise, monitor turf areas in winter and early spring when there is a consistent warmer period, treating when the larvae are present. Discontinue monitoring and control measures in late April, because these pests pupate and stop feeding soon after that time.

Mole Crickets

Adults: To control adult or large nymph mole crickets, this product should be used in conjunction with a curative insecticide, such as Andersons Golf Products Fertibait™ with bifenthrin, Andersons Golf Products 0.15G ProSect, or The Andersons Professional Turf Products 0.15G ProSect.

Nymphs: Grass areas that received intense adult mole cricket pressure in the spring should be treated 1 week before or no later than 2 weeks after peak egg hatch. Optimal control is achieved at this time because young nymphs are more susceptible to insecticides and they are located near the soil surface where the insecticide is most concentrated. Control of larger, more damaging nymphs later in the year may require more frequent applications to maintain acceptable control. Applications should be watered in with up to 0.5 inches of water immediately after treatment. If the soil is moist then it is important to irrigate before application to bring the mole crickets closer to the soil surface where contact with the insecticide will be maximized.

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Application Rates – Ornamentals (including trees, shrubs, evergreens, flowers, foliage plants and ground covers)

Pest	Amount of Product
White Grub Larvae such as: Asiatic garden beetle, (<i>Maladera castanea</i>) European chafer, (<i>Rhizotroqus majalis</i>) Japanese beetle, (<i>Popillia japonica</i>) Northern & Southern masked chafers, (<i>Cyclocephala borealis</i> , <i>C. immaculata</i> , and/or <i>C. lurida</i>) May or June beetles, (<i>Phyllophaga</i> spp.) Oriental beetle, (<i>Anomala orientalis</i>)	125 – 200 lb./acre or 3.0 – 4.5 lb./1,000 sq. ft.

Before application, remove any weed barrier material that does not allow water permeability.

General Use Precautions and Restrictions

Do not apply to saturated soils or waterlogged areas. The product cannot penetrate into the root zone of the plant in these conditions.

Do not apply more than 200 lbs. of product per acre (0.4 lb. active ingredient per acre) per year.

Do not mow turf until after the treatment area has received adequate irrigation or rainfall.

Do not apply to vegetable gardens.

Do not use on container grown ornamentals.

Suggested Spreader Settings

These suggested spreader settings are not intended to replace calibration.

Please calibrate your spreader before applying product.

XX lbs. treats X,XXX sq. ft. at the 125 lbs. product/acre - LIGHT RATE (3.0 lbs./1,000 sq. ft. rate)

XX lbs. treats X,XXX sq. ft. at the 150 lbs. product/acre - LOW RATE (3.5 lbs./1,000 sq. ft. rate)

XX lbs. treats X,XXX sq. ft. at the 175 lbs. product/acre - MEDIUM RATE (4.0 lbs./1,000 sq. ft. rate)

XX lbs. treats X,XXX sq. ft. at the 200 lbs. product/acre - HIGH RATE (4.5 lbs./1,000 sq. ft. rate)

SPREADER	GROUND SPEED	WIDTH OF COVERAGE	SPREADER SETTINGS			
			LIGHT 0.25 lbs. ai/A	LOW 0.30 lbs. ai/A	MEDIUM 0.35 lbs. ai/A	HIGH 0.40 lbs. ai/A
aa	X mph	XX ft/	X	X	X	X
bb	X mph	XX ft	X	X	X	X
cc	X mph	XX ft	X	X	X	X

Note: This list of spreaders and settings will vary dependent on market availability of spreaders. (this note will not appear on final label)

Note: These spreader settings were established using standard equipment available from the spreader manufacturer at swath widths and speeds typically used within the industry. It is recommended that all spreader equipment be calibrated at the time of application to achieve the desired application rate.

Essential Plant Nutrient Table

Application Rate # product/1,000 sq. ft.	# N/1,000 sq. ft.	# P ₂ O ₅ /1,000 sq. ft.	# K ₂ O/1,000 sq. ft.	# (Micronutrient) /1,000 sq. ft.
3.0	X	X	X	X
3.5	X	X	X	X
4.0	X	X	X	X
4.5	X	X	X	X

Note: To be completed at final label printing, shows the rates of nutrients per unit area treated at the various rates of application

Note: The plant nutrients in this product are provided for extra value as guaranteed and described in the fertilizer information section above. Due to the variety of plantings, cultural practices, weather and other factors, the user must determine the suitability of the use of this product at the rate used for each specific situation.

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NEXT

LABEL

9198-236

06/23/2009

1/4

S850870
332/1300



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

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

JUN 23 2009

Ms. Debbie Ziehr
Regulatory Administrator
The Andersons, Inc.
P.O. Box 119
Maumee, OH 43537

Subject: The Andersons 0.2% Imidacloprid Insecticide + Fertilizer
EPA Reg. No. 9198-236
Notification Application Dated May 1, 2009

Dear Ms. Ziehr:

The Agency has reviewed your amended Application for Pesticide Notification under Pesticide Registration Notice (PRN) 98-10 dated May 1, 2009, for The Andersons 0.2% Imidacloprid Insecticide + Fertilizer, EPA Reg. No. 9198-236. The Registration Division (RD) has reviewed this request for applicability under PRN 98-10 and concludes that it falls within the scope of PRN 98-10.

The additional brand name "The Andersons Turf Products Fertilizer with GrubOut Insecticide 21-0-0" may be used for this product, but only when the expression is consistent with the content of the fertilizer component of the product. In all other instances, this alternative brand name would be a false statement about the composition of the product and a "false or misleading statement about the value of the product for purposes other than as a pesticide". See 40 CFR §156.10(a)(5)(ii) and 40 CFR §156.10(a)(5)(iii). Note also that the brand name GrubOut is used in Canada in reference to certain products containing the insecticide Carbaryl and that GRUB-OUT formerly was used in the U.S. for an Isofenphos product. These circumstances may be confusing to some people shopping for pesticides.

If you have any questions, please call me directly at 703-305-6406.

Sincerely,

A handwritten signature in black ink, appearing to read "William W. Jacobs".

William W. Jacobs
Insecticide-Rodenticide Branch
Registration Division (7505P)
Office of Pesticide Programs

2/4

Please read instructions on reverse before completing form.

Form Approved. OMB No. 2070-0060. Approval expires 2-28-95



United States
Environmental Protection Agency
Washington, DC 20460

<input type="checkbox"/>	Registration
<input type="checkbox"/>	Amendment
<input checked="" type="checkbox"/>	Other

OPP Identifier Number

Application for Pesticide - Section I

1. Company/Product Number 9198-236	2. EPA Product Manager Eagle	3. Proposed Classification <input type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) The Andersons 0.2% Imidacloprid Insecticide & Fertilizer	PM# 1	
5. Name and Address of Applicant (Include ZIP Code) The Andersons Lawn Fert. Div., Inc. d/b/a Free Flow Fert. P.O. Box 119 Maumee, OH 43537 <input type="checkbox"/> Check if this is a new address	6. Expedited Review. In accordance with FIFRA Section 3(c)(3) (b)(i), my product is similar or identical in composition and labeling to: EPA Reg. No. _____ Product Name _____	

Section - II

<input type="checkbox"/> Amendment - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application.
<input checked="" type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - Explain below.

Explanation: Use additional page(s) if necessary. (For section I and Section II.)

Notification of Alternate Brand Name per PR Notice 98-10: The Andersons Turf Products Fertilizer with GrubOut Insecticide 21-0-0

This notification is consistent with the guidance of PR Notice 98-10 and the requirements of EPA's regulations at 40 CFR 156.10 and 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 guidance of PR Notice 98-10 and the requirements of 40 CFR 156.10 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.

Section - III

1. Material This Product Will Be Packaged In:						2. Type of Container	
Child-Resistant Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		If "Yes" Unit Packaging wgt. No. per container		<input type="checkbox"/> Metal <input checked="" type="checkbox"/> Plastic <input type="checkbox"/> Glass <input checked="" type="checkbox"/> Paper <input type="checkbox"/> Other (Specify) _____	
Certification must submitted		If "Yes" Package wgt. No. per container					
3. Location of Net Contents Information <input type="checkbox"/> Label <input checked="" type="checkbox"/> Container			4. Size(s) Retail Container 10 - 2,000 lbs.		5. Location of Label Directions <input checked="" type="checkbox"/> On Label		
6. Manner in Which Label is Affixed to Product <input checked="" type="checkbox"/> Lithograph Paper glued <input checked="" type="checkbox"/> Stenciled			<input checked="" type="checkbox"/> Other Pocket				

Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)			
Name Debbie Ziehr	Title Regulatory Administrator	Telephone No. (include Area Code) 413-891-6671	
Certification I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment both under applicable law.			6. Date Application Received (Stamped) _____ _____ _____ _____ _____
2. Signature <i>Debbie Ziehr</i>		3. Title Regulatory Administrator	
4. Typed Name Debbie Ziehr		5. Date 5/1/09	

The Andersons Turf Products

Fertilizer with GrubOut™ Insecticide

21-0-0

For use to control white grub larvae, mole crickets and other insect pests on any turfgrass site including residential lawns, golf courses and sod farms and in landscaped plantings, such as trees, in commercial and residential settings, golf courses, parks, recreational areas, and athletic fields.

- Ideal for white grub control
- Contains essential plant nutrients to enhance recovery and resistance to destructive insect pests
- Controls early nymph stages of mole crickets
- Contains NutriSphere-N®

Guaranteed Analysis

Total Nitrogen (N)	21.00%
21.00% Urea Nitrogen	
Plant nutrients derived from urea	F292
Active Ingredient	
imidacloprid	0.2%
Other Ingredients	99.8%
Total	100.0%

† CAS No. 136261-41-3
EPA Reg. No. 9198-236
EPA Est. No. 9198-OH-1M, 9198-OH-2B, 9198-AL-001A
Underlined letter is first letter used in run code on bag

KEEP OUT OF REACH OF CHILDREN CAUTION

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

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

Personal Protective Equipment (PPE):

WPS Uses: The following Personal Protective Equipment requirements apply to uses covered under the Worker Protection Standard (40CFR Part 170), i.e. sod farm uses:

- Applicators and other handlers must wear:
 - Protective eye wear
 - Long sleeved shirt and long pants
 - Chemical resistant gloves made of any waterproof material such as barrier laminate, butyl rubber, nitrile rubber, neoprene rubber, natural rubber, polyethylene, polyvinylchloride (PVC) or viton. If you want more options, follow the instructions for category A on an EPA chemical-resistant category selection chart.
 - Shoes and socks

Non-WPS Uses: The following Personal Protective Equipment requirements apply to uses other than those covered by the WPS:

- Applicators and other handlers must wear:
 - Long sleeved shirt and long pants
 - Gloves
 - Shoes and socks
 - Protective eyewear

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 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.

FIRST AID	
If swallowed	• Call a poison control center or doctor for treatment advice • Have person sip a glass of water if able to swallow • Do not induce vomiting unless told to by a 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 eyes open and rinse slowly and gently with water for 15-20 minutes • Remove contacts, if present, after the first 5 minutes, then continue rinsing • 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 mouth-to-mouth if possible • Call a poison control center or doctor for treatment advice
Have the product container or label with you when calling a poison control center or doctor or going for treatment. You may also contact 1-800-757-6851 for emergency medical treatment information.	
Note to Physician: No specific antidote is available. Treat patient symptomatically.	

ENVIRONMENTAL HAZARDS

This product is highly toxic to aquatic invertebrates. Do not apply directly to water or to areas where surface water is present or to enter tidal areas below the mean high water mark. Do not contaminate water when cleaning equipment or when disposing of equipment washwaters.

This chemical demonstrates the 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.

READ ALL DIRECTIONS PRIOR TO APPLICATION OF THE PRODUCT

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 container grown ornamentals.

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 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 products. It contains requirements for training, decontamination, notification and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE) and restricted-entry interval. 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 12 hours. 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 is:

- Coveralls
- Chemical-resistant gloves made of any waterproof material
- Shoes plus socks

General Information

This product controls subsurface feeding pests on any turfgrass site (lawns, sod, turf areas) such as, but not limited to, golf courses, residential and commercial lawns, grounds or lawns around business and office complexes, shopping centers, multi-family and residential apartment complexes, airports, military and other institutions, cemeteries, parks and picnic areas, playgrounds, schools, athletic fields, and sod farms. It also controls insect pests in landscaped areas in golf courses, commercial and residential settings, parks, recreational areas, and athletic fields.

Application Timing

Treat prior to or during the egg laying activity and before the eggs hatch. Applications made prior to the pest infestation followed by adequate irrigation will result in the best control. Determine the need and timing of application by local site monitoring, prior history of pest infestation, current adult trappings or other methods. The regional differences in pest species pressure, timing for optimal control, pest monitoring methods and other particulars for your location will vary, so consult your cooperative extension service for details. To find your local extension agent, visit www.csees.usda.gov.

Application Directions

Apply uniformly over the treatment area with either a broadcast or drop type spreader, avoiding spreaders which will apply product in narrow, concentrated bands. Apply only the specified amount in the following table. Calibrate the spreader before use and check periodically to ensure the equipment is working properly. Avoid overlaps that will increase rates above those recommended. Failure to follow the Directions for Use and all precautions may result in turf injury or poor pest control.

For best results, irrigate treated areas soon after application, enough to thoroughly wet the underlying soil. This washes the active ingredient down below the turf and thatch, and it encourages the subsurface pests to move toward in the soil profile where they will come in contact with the active ingredient. For best pest control and turf culture, minimize thatch buildup to no more than 0.5 in., using mechanical removal methods as needed.

Recent research has shown that well-maintained turf is an effective environmental buffer that prevents pollutants from entering our natural water bodies. To help protect these natural resources, please avoid applying product to sidewalks, driveways, roadways, and other impervious surfaces which are adjacent to storm drains. Sweep any misplaced granules back onto the area you are treating immediately after application, since storm drains often empty directly to nearby water ways.

Application Rates - Turfgrass

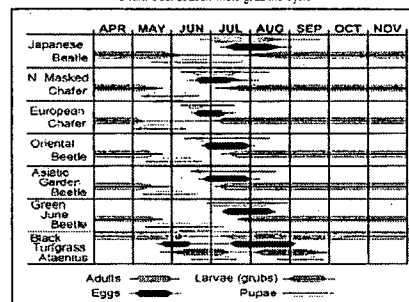
Pest	Amount of Product
White Grub Larvae, such as: Annual bluegrass weevil (<i>Hyperodes</i> spp.) Aphodius (<i>Aphodius</i> spp.) Asian garden beetle (<i>Meloidae castaneae</i>) Billbugs (<i>Schizopygus</i> spp.) Black turfgrass ateletus (<i>Ateletus spatulatus</i>) European chafar (<i>Rhizotrogus majalis</i>) Japanese beetle (<i>Popillia japonica</i>) May or June beetles (<i>Phyllophaga</i> spp.) Northern & Southern masked chafars (<i>Cyclocephala borealis</i> , <i>C. immaculata</i> , and/or <i>C. lurida</i>) Oriental beetle (<i>Anomala orientalis</i>)	125 - 200 lb/acre or 3.0 - 4.5 lb/1,000 sq. ft.
Crane Fly, such as European species (<i>Tipula</i> spp.)	125 - 200 lb/acre or 3.0 - 4.5 lb/1,000 sq. ft.
Mole crickets (<i>Scaptomyza</i> spp.)	200 lb/acre or 4.5 lb/1,000 sq. ft.

White grubs: Ideal spring for preventative applications are made in the time of peak adult flight activity as determined by local site monitoring, or as recommended by local cooperative extension agents. This is also the primary egg laying period, which will yield the best results.

Cool Season Turf Regions

The white grub life cycle chart for the cool season turf regions below illustrates application timing that will control many of the grub species when they are most vulnerable. During this period, adequate grub control can be obtained at 3.0 pounds per 1,000 sq. ft. In all but the most extreme situations (heavy thatch, heavy insect pressure) where the 4.5 lbs per 1,000 sq. ft. rate is necessary for adequate control.

Chart: Cool season white grub life cycle



(chart reprinted with permission of Dr. David Sessler, Entomologist, Ohio State University, www.bugdoc.edu)

For best results, irrigate treated areas soon after application, enough to thoroughly wet the underlying soil. Use higher application rates in areas of heavy pressure and where thatch is present in excess of 0.5 in. thickness. Reduce thatch by mechanical means for best turf quality and better control of grub species.

Crane Fly (such as European species): Adults emerge from the soil to lay eggs from late August to mid-September. In areas with historic problems, an October treatment can be used to control this pest at its early, most vulnerable larval stage, which will avoid damage the following year. Otherwise, monitor turf areas in winter and early spring when there is a consistent warmer period, leaving when the larvae are present. Discontinue monitoring and control measures in late April, because these pests pupate and stop feeding soon after that time.

Mole Crickets:

Adults: To control adult or larvae nymph mole crickets, this product should be used in conjunction with a curative insecticide, such as The Andersons Professional Turf Products 0.15G ProGard.

Nymphs: Grass areas that received intense adult mole cricket pressure in the spring should be treated 2 weeks before or no later than 2 weeks after peak egg hatch. Optimal control is achieved at this time because young nymphs are more susceptible to insecticides and they are located near the soil surface where the insecticide is most concentrated. Control of larger, more damaging nymphs later in the year may require more frequent applications to maintain acceptable control. Applications should be watered in with up to 0.5 inches of water immediately after treatment. If the soil is moist, then it is important to irrigate before application to bring the mole crickets closer to the soil surface where contact with the insecticide will be maximized.

Application Rates - Ornamentals (including trees, shrubs, evergreens, flowers, foliage plants and ground covers)

Pest	Amount of Product
White Grub Larvae such as: Asian garden beetle (<i>Meloidae castaneae</i>) European chafar (<i>Rhizotrogus majalis</i>) Japanese beetle (<i>Popillia japonica</i>) Northern & Southern masked chafars (<i>Cyclocephala borealis</i> , <i>C. immaculata</i> , and/or <i>C. lurida</i>) May or June beetles (<i>Phyllophaga</i> spp.) Oriental beetle (<i>Anomala orientalis</i>)	125 - 200 lb/acre or 3.0 - 4.5 lb/1,000 sq. ft.

Before application, remove any weeds, bark mulch, etc. does not allow water permeability.

General Use Precautions and Restrictions

Do not apply to saturated, soils or waterlogged areas. This product cannot penetrate into the root zone of the plant in these conditions. Do not apply more than 100 lbs. of product per acre (0.4 lb. active ingredient per acre) per application. Do not apply to turf areas where the treatment area has received adequate irrigation or rainfall. Do not apply to vegetable gardens. Do not use on container grown ornamentals.

Suggested Spreader Settings

These suggested spreader settings are not intended to replace calibration. Please calibrate your spreader before applying product.
50 lbs. treats 16,000 sq. ft. at the 125 lbs. production - LIGHT RATE (0.2 lb/1,000 sq. ft. rate)
50 lbs. treats 14,000 sq. ft. at the 150 lbs. production - LOW RATE (0.3 lb/1,000 sq. ft. rate)
50 lbs. treats 11,000 sq. ft. at the 200 lbs. production - HIGH RATE (4.5 lb/1,000 sq. ft. rate)

SPREADER	GROUND SPEED	WIDTH OF COVERAGE	SPREADER SETTINGS		
			LIGHT 0.25 lbs. a/A	LOW 0.30 lbs. a/A	HIGH 0.40 lbs. a/A
Andersons AccuPro 2000, SR-2000 (zone 4)	3 mph	11 feet	L	L 1/2	M 1/2
Scotts FBA (zone 4)	3 mph	11 feet	K	K 1/2	L 1/2
Lesco 02003 (pattern 0.25)	3 mph	10 feet	E	E 3/4	G 1/2
Lesco 705698 (pattern 0.25)	3 mph	10 feet	I2	I3 1/2	I7
Lely Models WTR, WFR, HR, 1250 (PTC at 450 psi) Pattern II A	4.5 mph	36 feet	5 1/4	5 1/2	6 1/4
Vicon (03 Series)	4.5 mph	36 feet	27	29	34

Note: These spreader settings were established using standard equipment available from the spreader manufacturer at swath widths and speeds typically used within the industry. It is recommended that all spreader equipment be calibrated at the time of application to achieve the desired application rate.

Essential Plant Nutrient Table

Application Rate # product/1,000 sq. ft.	# N/1,000 sq. ft.	# P ₂ O ₅ /1,000 sq. ft.	# K ₂ O/1,000 sq. ft.
3.0	0.63	0.00	0.12
3.5	0.73	0.00	0.14
4.5	0.94	0.00	0.18

Note: The plant nutrients in this product are provided for use as a guaranteed and described in the fertilizer information section above. Due to the variety of plantings, cultural practices, weather and other factors, the user must determine the suitability of the use of this product at the rate used for each specific situation.

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage and disposal. Store in original container only. PESTICIDE STORAGE: Keep out of reach of children and animals. Store in original container only. Store in cool, dry place and avoid excess heat. PESTICIDE DISPOSAL: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility. CONTAINER DISPOSAL: Completely empty bag into application equipment. Nonrefillable container. Do not reuse or refill this container. Offer for recycling if available. If not available, then dispose of empty bag in a sanitary landfill or by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

IMPORTANT: READ BEFORE USE:

Read the entire Directions for Use and the Warranty Disclaimer and Limitation 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 Warranty Disclaimer and Limitation of Liability. WARRANTY DISCLAIMER AND LIMITATION OF LIABILITY: Manufacturer warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated on the label when used in strict accordance with the directions. Manufacturer makes NO OTHER EXPRESS OR IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. To the extent consistent with applicable law, it is Manufacturer's intent to LIMIT ANY LIABILITY FOR SPECIAL, CONSEQUENTIAL OR INCIDENTAL ECONOMIC DAMAGES to the extent of purchase price or replacement of product, at Buyer's choice. To the extent consistent with applicable law, Manufacturer DISCLAIMS ANY LIABILITY FOR COMPENSATION FOR OTHER DAMAGES ARISING OUT OF ANY USE, CONTRARY TO LABEL DIRECTIONS. Use contrary to label directions is not permitted. LEGAL RIGHTS: THIS LIMITED WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS; YOU MAY HAVE OTHER RIGHTS THAT VARY FROM STATE JURISDICTION TO STATE JURISDICTION.

Manufactured by:
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www.andersonsawproducts.com

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SGN 215
Net Weight 50 Lbs. (22.68 kg)

APT21NGB5
E9 (APTLKPREDB)

b/h