
 <p style="text-align: center;">U.S. ENVIRONMENTAL PROTECTION AGENCY Office of Pesticide Programs Registration Division (H7505C) 401 "M" St., S.W. Washington, D.C. 20460</p> <p style="text-align: center;">NOTICE OF PESTICIDE: <u> x </u> Registration <u> </u> Reregistration <small>(under FIFRA, as amended)</small></p>	EPA Reg. Number: 9198-225	Date of Issuance: APR 12 2005												
	Term of Issuance: Conditional													
	Name of Pesticide Product: The Andersons 0.15% Granular Bifenthrin Insecticide													
Name and Address of Registrant (include ZIP Code): The Andersons Lawn Fert. Div. Inc. d/b/a Free Flow Fert. PO Box 119 Maumee, OH 43537														
<p>Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.</p> <p>On the basis of information furnished by the registrant, the above named pesticide is hereby registered/reregistered under the Federal Insecticide, Fungicide and Rodenticide Act.</p> <p>Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.</p> <p>This product is <u>conditionally</u> registered in accordance with FIFRA sec. 3(c)(7)(A), provided that you:</p> <ol style="list-style-type: none"> 1. Submit and/or cite all data required for registration/reregistration of your product under FIFRA sec. 3(c)(5) when the Agency requires all registrants of similar products to submit such data; and submit acceptable responses required for reregistration of you product under FIFRA section 4. 2. Make the following labeling changes: <ol style="list-style-type: none"> a) Revise the EPA Registration Number to read "EPA Reg. No. 9198-225" b) The acute toxicity profile for "The Andersons GC 0.15% Granular Bifenthrin Insecticide" is as follows: <table style="margin-left: 40px;"> <tr><td>Acute oral toxicity</td><td>III</td></tr> <tr><td>Acute dermal toxicity</td><td>IV</td></tr> <tr><td>Acute inhalation toxicity</td><td>IV</td></tr> <tr><td>Primary eye irritation</td><td>III</td></tr> <tr><td>Primary skin irritation</td><td>IV</td></tr> <tr><td>Dermal sensitization</td><td>Neg</td></tr> </table> 			Acute oral toxicity	III	Acute dermal toxicity	IV	Acute inhalation toxicity	IV	Primary eye irritation	III	Primary skin irritation	IV	Dermal sensitization	Neg
Acute oral toxicity	III													
Acute dermal toxicity	IV													
Acute inhalation toxicity	IV													
Primary eye irritation	III													
Primary skin irritation	IV													
Dermal sensitization	Neg													
Signature of Approving Official:  George T. LaRocca, Product Manager (13), IB/RD (7505C)	Date: APR 12 2005													

Based on the above toxicity profile please revise the Precautionary Statements as follows:

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

Note: Also, based on the acute toxicity for dermal and inhalation (toxicity category IV), you are not required to have an “*If on skin*” nor “*If inhaled*” first aid statement. You may delete the statements if you wish.

- c) Delete the user limitation paragraph on the front panel since these type user statements other than restricted use products are not enforceable. If you want to market this product only to commercial applicators you can do that through your sales distribution claim.
 - d) The statement beginning, “Not for use on plants xxx” and ending “or lawns or grounds”, should be a separate paragraph.
 - e) Delete golf courses and sod farms on page 3 under application directions.
 - f) Add the following precaution under Directions for Use, “If product is watered in after application do not allow children or pets to enter the area until dry”.
3. Submit an one year storage stability study for the proposed product under warehouse conditions along with a corrosion characteristics study. We recommended that observation be made at 0, 3, 6, 9 and 12 months intervals in the storage stability study.
 4. Please submit two (2) copies of your final printed label for before your release the product for shipment. Please refer to the A-79 enclosure for a further description of final printed labeling. If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6(e). Your release for shipment of the product bearing amended labeling constitutes acceptance of these conditions. A stamped copy of the label is enclosed for your records.

If you have any questions regarding this action, please contact BeWanda Alexander of my team at (703) 305-7460.

Front Panel (for internal use only, will not appear on final label)

The Andersons 0.15% Granular Bifenthrin Insecticide

Only for sale to, use, and storage by commercial applicators for use to control Ants (including Imported Fire Ants), mole crickets and other insect pests on lawns in landscaped areas and perimeters around residential, institutional, public, commercial and industrial buildings, parks, recreational areas and athletic fields.

Optional front panel claims:

- Ideal for Adult Mole Crickets

Active Ingredients

Bifenthrin*	0.15%
-------------	-------

Other Ingredients	<u>99.85%</u>
--------------------------	---------------

Total	100.00%
-------	---------

*Cis isomers 97% minimum, trans isomers 3% maximum
 US Patent No. 4,238,505
 TCAS No. 82657-04-6

KEEP OUT OF REACH OF CHILDREN

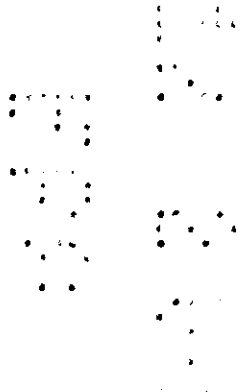
CAUTION

SEE BACK PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS

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

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

**ACCEPTED
 with COMMENTS
 In EPA Letter Dated
 APR 12 2005
 Under the Federal Insecticide,
 Fungicide, and Rodenticide Act,
 as amended, for the pesticide
 registered under EPA Reg. No.
9198-225**



Back Panel (for internal use only, will not appear on final label)

The Andersons 0.15% Granular Bifenthrin Insecticide

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

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 • 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:	
This product is a pyrethroid. If large amounts have been ingested, milk cream and other digestible fats and oils may increase absorption and so should be avoided.	

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

Harmful if absorbed through the skin. Avoid contact with skin, eyes or clothing.

ENVIRONMENTAL HAZARDS

This pesticide is extremely toxic to fish and 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 apply when weather conditions favor drift from treated areas. Drift and run-off from treated areas may be hazardous to aquatic organisms in neighboring areas. Do not contaminate water when cleaning equipment or when disposing of equipment washwaters.

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 plants being grown for sale or other commercial use, or for commercial seed production, or for research purposes. For use on plants being intended for aesthetic purposes or climate modification, and being grown in interior plantscapes, ornamental gardens or parks, or lawns or grounds.

In New York State, the product may NOT be applied to any grass or turf areas 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 this product if there are signs of renewed insect activity, but not

Back Panel (for internal use only, will not appear on final label)

sooner than two weeks after the first application. Do not apply more than 0.2 lbs. active ingredient (133 lbs. of this product) per acre per year.

Do not apply by air.

Do not apply more than 0.4 lbs. AI (266 lbs. of this product) per acre per year.

Do not apply within 25 feet of lakes, reservoirs, rivers, permanent streams, marshes or natural ponds, estuaries and commercial fish farm ponds.

Not for use on golf courses, sod farms, nurseries, commercial greenhouses or grass grown for seed.

Application Directions

Treat when insects first appear. Apply this product at the rate indicated evenly over the turfgrass area using a properly calibrated drop or rotary spreader. Check frequently to make sure the equipment is working properly and the granules are being evenly distributed. Best results will occur if the treated area is thoroughly irrigated with water immediately after application.

Do not apply more than 3.0 lbs. of product per 1,000 sq. ft. (0.2 lb. active ingredient per acre) per application on residential use sites (i.e. around private home, apartment buildings, condominiums, non-agricultural outbuildings, non-commercial greenhouses, pre-schools or day care facilities). May be applied up to 6.1 lbs. of product per 1,000 sq. ft. (0.4 lb. active ingredient per acre) per application on non-residential use sites (i.e. around institutional, public, commercial or industrial buildings; golf courses; sod farms; parks; recreational areas or athletic fields).

Application Rates

Pest	Lbs. AI / acre	Lbs. product per acre	Lbs. product per 1,000 sq. ft.
Armyworms Cutworms Sod Webworms	0.05 - 0.1	33 - 66	0.7 - 1.5
Annual Bluegrass Weevil (<i>Hyperodes</i>) (Adult) Billbugs (Adult) Black Turfgrass Ataenius (Adult) Leafhoppers Mealybugs	0.05 - 0.2	33 - 133	0.7 - 3.0
Chinch Bugs:	0.05 - 0.4	33 - 266	0.7 - 6.1
Ants Centipedes European Crane Fly Fleas (Adults) Flea (Larvae) Imported Fire Ants (Adults) Imported Fire Ants (Mounds) Millipedes Mole Cricket (Adult) Mole Cricket (Nymph) Ticks Deer Ticks American Dog Ticks	0.2 - 0.4	133 - 266	3.0 - 6.1
Pillbugs (Sowbugs)	0.4	266	6.1

Back Panel (for internal use only, will not appear on final label)

Comments:

Armyworms, Cutworms, Sod Webworms: For best results, the treated area should be irrigated immediately after application with up to 0.1 inches of water to activate the insecticide.

Annual Bluegrass Weevil (*Hyperodes*) (Adult): Treatment should be made to control the adult weevils as they migrate from their overwintering sites and move into grass areas. This movement generally begins when Forsythias bloom and ends when flowering dogwoods are in bloom. Contact your State Cooperative Extension Service for more specific information.

Billbugs (Adult): Apply when adult billbugs are first observed during April and May. Consult your State Cooperative Extension Service for information on degree days and timing in your region. In temperate regions, spring applications targeting billbug adults will also provide control of over-wintered chinch bugs.

Black Turfgrass Ataenius (Adult): Apply treatments during May and July to control both generations of adults. The May application should be made at the same time as the full bloom stage of Vanhoutte spiraea (*Spirea vanhouttei*) and Horse chestnut (buckeye tree) (*Aesculus hippocastanum*). The July application should coincide with the blooming of Rose of Sharon (*Hibiscus syriacus*).

Chinch Bugs: These bugs infest the base of the plant and are usually found in the thatch layer. Watering the treated area with up 0.25 inches immediately after application will result in quicker control. Chinch bugs can be a difficult pest to control. Higher application rates may be required to control both nymphs and adults during the summer or in warm season turf areas.

Flea Larvae: These larvae develop in the soil and shady areas. Irrigate the treated area with up to 0.5 inches of water immediately after application.

Imported Fire Ants: The best control will be reached by a combination of broadcast applications and mound drenching. If soil is not moist, then it is important to irrigate before application. Broadcast application should apply up to 0.4 lb. AI/A. Mounds should be treated by applying 5/8 cup of this product per mound and then drenching the mound with 1 to 2 gallons of water. The mounds should be treated with sufficient force to break their apex and allow the insecticide solution to flow into the ant tunnels. A four foot diameter circle around the mound should also be treated. For best results, apply in cool weather (65-80°F) or in early morning or late evening hours. This treatment will kill the queen within 24 hours of application. Application of 0.25 AI (166 lbs.) per acre of this product will provide six months residual activity for control of foraging Imported Fire Ants and newly mated Fly-In Queens.

Mole Cricket Adults: Achieving acceptable control of adult mole crickets is difficult because preferred grass areas are subject to continuous invasion during the early spring by this extremely active stage. Applications should be made as late in the day as possible and should be watered in with up to 0.5 inches of water immediately after treatment. If the soil is not 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. Grass areas that receive pressure from adult mole crickets should be treated at peak egg hatch to ensure optimum control of subsequent nymph populations (see below).

Mole Cricket Nymphs: Grass areas that received intense adult mole cricket pressure in the spring should be treated immediately prior to 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 both higher application rates and more frequent applications to maintain acceptable control. Applications should be made as late in the day as

Back Panel (for internal use only, will not appear on final label)

possible and 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.

Ticks: Do not make spot applications. Treat the entire area where ticks may occur. The higher application rate might be needed if heavy leaf litter or dense ground cover exists. Retreatment might also be necessary due to animals reintroducing new populations. Do not allow public use of treated areas during application.

Deer Ticks: These ticks have a life cycle that ranges over a two year period and involves four life stages. Treatments should be applied in mid- to late-spring to control larvae and nymphs that are present on the soil and leaf litter.

American Dog Ticks: These ticks tend to gather along paths or roadways where humans are likely to be found. Treatments should be made from mid-spring to early fall to control larvae, nymphs and adults.

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 33 lbs. product/acre - LIGHT RATE (0.7 lbs./1,000 sq. ft. rate)						
XX lbs. treats X,XXX sq. ft. at the 66 lbs. product/acre - LOW RATE (1.5 lbs./1,000 sq. ft. rate)						
XX lbs. treats X,XXX sq. ft. at the 133 lbs. product/acre - MEDIUM RATE (3.0 lbs./1,000 sq. ft. rate)						
XX lbs. treats X,XXX sq. ft. at the 266 lbs. product/acre - HIGH RATE (6.1 lbs./1,000 sq. ft. rate)						
SPREADER	GROUND OR PTO SPEED	WIDTH OF COVERAGE	SPREADER SETTINGS			
			LIGHT 0.05 lbs. ai/A	LOW 0.1 lbs. ai/A	MEDIUM 0.2 lbs. ai/A	HIGH 0.4 lbs. ai/A
Andersons AccuPro 2000, SR-2000 (cone X)	X mph	XX ft/	X	X	X	X
Andersons AccuPro 1000	X mph	XX ft	X	X	X	X
Scotts R-8A (cone X)	X mph	XX ft	X	X	X	X
Andersons SS-2 Drop	X mph	overlap wheels	X	X	X	X
Lely Models WTR, WFR, HR 1250 (PTO at 450 rpm)	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.

STORAGE AND DISPOSAL

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

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 the product may be disposed of on site or at an approved waste disposal facility.

CONTAINER DISPOSAL: Completely empty bag into application equipment. 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.

Back Panel (for internal use only, will not appear on final label)

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. Where permissible, it is Manufacturer's intent to LIMIT ANY LIABILITY FOR SPECIAL, CONSEQUENTIAL OR INCIDENTAL ECONOMIC DAMAGES to refund of purchase price or replacement of product, at Buyer's choice. Manufacturer DISCLAIMS ANY LIABILITY FOR COMPENSATORY OR 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. (APXXXXXX)

Manufactured by:

The Andersons Lawn Fertilizer Division, Inc.
d/b/a Free Flow Fertilizer
PO Box 119
Maumee, OH 43537

Date Printed	12/1/04
Date Approved	
Supersedes	New
Label Changes	New
Filename	0.15 bif pro non gc.doc
Label code	APXXXXXX