



Professional Turf™
Products

Fertilizer with 0.029% ProSect™ Insecticide

18-3-9 Fertilizer analysis

FEATURES & USE TIPS:

- Contains ProSect™ Insecticide, a broad spectrum pyrethroid insecticide that controls many surface-feeding and some root-feeding insects as listed.
- 40% of total N is derived from NS-54™ slow release nitrogen.
- Multiple use rates allow targeting of specific insects.

PRODUCT SPECIFICATIONS:

N (18%):	1.17% Ammoniacal Nitrogen 16.83% Urea Nitrogen* *7.20% Slowly available nitrogen from polymer coated sulfur coated urea.
P - as P ₂ O ₅ (3%):	Ammonium Phosphate
K - as K ₂ O (9%):	Potassium Chloride
Cl (7.61%):	Max Chlorine
Active Ingredient:	Bifenthrin (0.029%)

Following is a specimen label that may at some point be revised or otherwise become out of date. It is intended as a guide in providing general information regarding the use of this product. Always read and follow the label on the product container.

PRODUCT CODE:

APT187BF5

Date: 030510
Supersedes: 102307
Label: J7

PRODUCT CHARACTERISTICS:

Product Type:

Combination fertilizer & ProSect™ insecticide

Nitrogen Type:

NS-54™

Particle Size:

SGN: 215

Net Weight:

50 lbs.

Coverage:

8,300 sq. ft. @
medium rate

The Andersons logo is a registered trademark of The Andersons, Inc.; Professional Turf, ProSect and NS-54 are trademarks of The Andersons, Inc.

*To order, contact your local
Andersons Professional Turf™
Products distributor.*

*For more information, contact
Andersons at our website:
www.andersonslawnproducts.com
or call 1-800-225-2639*

PRODUCT SHEET

with **0.029% Prosect™ Insecticide**

• 18-3-9 Fertilizer analysis

Combination of insecticide and fertilizer to control lawn damaging insects while replenishing the turfgrass with essential nutrients. Controls a variety of insects including Ants (including imported fire ants), Mole crickets and other insect pests as listed.

Active Ingredient	0.029%
Bifenxtrin.....	99.971%
Other Ingredients	100.000%
Total.....	
*Os isomers 97% minimum, trans isomers 3% maximum	

EPA Reg. No. 9198-159
EPA Est. No. 9198-OH-1M, 9198-OH-2B, 9198-AL-001A
Underlined letter is first letter used in run code on bag

Guaranteed Analysis

Total Nitrogen (N).....	18.00%
1.17% Ammoniacal Nitrogen (N)	
16.83% Urea Nitrogen (N)	
Available Phosphate (P ₂ O ₅).....	3.00%
Soluble Potash (K ₂ O).....	9.00%
Plant nutrients derived from ammonium phosphate, urea, polymer coated sulfur coated urea and potassium chloride.	
Chlorine (Cl) Max.....	7.61%
F292	
7.20% Slowly available nitrogen from polymer coated sulfur coated urea.	

FLORIDA APPLICATIONS: We recommend that you follow the Florida Green Industries BMP's at http://www.lfaes.org/pdf/BMP_Book_Final.pdf

FLORIDA APPLICATIONS: We recommend that you follow the Florida Golf Course BMP's at <http://www.lfaes.org/pdf/golftmp07.pdf>
Information regarding the contents and levels of metals in this product is available on the internet at <http://www.regulatory-info-ap.com>

**KEEP OUT OF REACH OF CHILDREN
CAUTION**

**PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

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.

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.

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.

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 turf being grown for sale or other commercial use as sod, or grass grown for seed, or for research purposes or on golf courses.

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 sooner than two weeks after the first application.

Do not apply more than 800 lbs. of this product per acre (0.2 lbs. active ingredient per acre or 18.4 lbs. of product per 1,000 sq. ft.) per year.

Do not allow children and pets to enter the treated area until dry.

This product can be used to control the following lawn insects:

- Annual Bluegrass Weevil (Hyperodes) (Adult)
- Armyworms
- Black Turfgrass Aeneus (Adult)
- Chinch Bugs
- Fire Ants
- Imported Fire Ants
- Mole Crickets
- Milvinae
- Leathoppers
- Pavement Ants
- Red Jats
- Sod Webworms (Lawn Moth)
- Sowbugs
- Weevils
- Ants
- Bilbugs (Adult)
- Centipedes
- Cutworms
- Imported Fire Ants
- Molebugs
- Mole Crickets
- Pilbugs
- Sod Webworms (Lawn Moth)
- Ticks

Treat when insects first appear. Apply this product at a rate of 4 to 8 pounds per 1,000 square feet 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. Amore uniform application may be achieved by spreading part of the required amount of product over the area and then applying the remaining part in swaths at a right angle to the first. Best results will occur if the treated area is thoroughly irrigated with water immediately after application.

For more difficult to control pests such as ants, fleas, imported fire ants, mole crickets and ticks, a higher application rate may be needed. In this case, apply 8 to 16 pounds per 1,000 square feet.

Comments:

Armyworms, Cutworms, and 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: Treatment should be made to control the adult weevils as they migrate from their overwintering sites and move into grass areas. Contact your State Cooperative Extension Service for more specific information.

Bilbugs: Apply when adult bilbugs are first observed during April and May. Consult your State Cooperative Extension Service for information on degree days and timing in your region.

Black Turfgrass Aeneus: 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 Vahouille spraea and the Horse chestnut. The July application should coincide with the blooming of Rose of Sharon.

Chinch Bugs: These bugs infest the base of the plant and are usually found in the thatch layer. Watering the treated area with up to 25 inches immediately after application will result in quicker control.

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. When mound drenching, a product such as **The Andersons Professional Turf Products 0.160 Prosect** must be used. Irrigation should be performed prior to application if the soil is not moist. For best results, apply in cool weather. The early morning or late evening hours should suffice.

Mole Cricket Adults: These adults can be difficult to control because of their extremely active stage in the early spring. Applications should be made as late in the day as possible and be watered up to 0.5 inches immediately after treatment. If the soil is not moist prior to application, it should be irrigated to ensure best control.

Mole Cricket Nymphs: Optimum control can be reached by treating young nymphs because they are more susceptible to the insecticide. Irrigate soil if it is not moist before application. Treatment should be made as late in the day as possible. Water the treated area with up to 0.5 inches directly after application.

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.

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.

American Dog Ticks: These ticks tend to gather along paths or roadways where humans are likely to be found.

Suggested Spreader Settings

These suggested spreader settings are not intended to replace calibration. Please calibrate your spreader prior to applying product.

SPREADER	GROUND SPEED	WIDTH OF COVERAGE	SPREADER SETTINGS		
			LOW RATE	HIGH RATE	
			0.05 lb. a/i/A	0.10 lb. a/i/A	
Andersons AcuPro 2000, SR-2000 (cone 5)	3 mph	11 feet	J 1/4	L 1/4	N 1/4
Scotts R-8A (cone 5)	3 mph	11 feet	1 3/4	K 1/4	L 3/4
Lely Models WTR, WFR, HR, 1250 (PTO at 450 rpm) Pattern III-B	4.5 mph	32 feet	4 1/2	5 3/4	7
Vicon (O3 Series)	4.5 mph	36 feet	34	40	47

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.
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. 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:

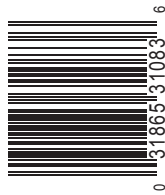
WARRANTY DISCLAIMER AND LIMITATION OF LIABILITY:

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. To the extent consistent with applicable law, 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 refund of purchase price or replacement of product, at Buyer's choice. To the extent consistent with applicable law, 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 TO STATE JURISDICTION TO STATE JURISDICTION.

Manufactured by:
The Andersons Lawn Fertilizer Division, Inc.
P. O. Box 119
Maumee, OH 43537
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SGN 215
Net Wt. 50 Lbs. (22.68 kg)



APT187BF5

F9 (APTLKPREDE)