

The Andersons Professional Turf™ Products

8% Granular Insecticide with Carbaryl

- Dispersible granular carrier

Active Ingredient:	8.0%
Carbaryl (1-naphthyl N-methylcarbamate)	
Inert Ingredients:	92.0%
Total	100.0%

EPA Reg. No. 9198-146
EPA Est. 9198-OH-1M, 9198-OH-2B, 9198-AL-001A
Underlined letter is first letter used in run code on bag.

U.S. Patent #6,231,660

KEEP OUT OF REACH OF CHILDREN

CAUTION

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION

HARMFUL IF SWALLOWED, INHALED OR ABSORBED THROUGH SKIN. Avoid breathing dust. Avoid contact with skin, eyes, or clothing. Wash thoroughly with soap and water after handling. Remove contaminated clothing before reuse.

Personal Protective Equipment (PPE)
Some materials that are chemical-resistant to this product are barrier laminate, nitrile rubber, neoprene rubber or viton. If you want more options, follow the instructions for category E on an EPA chemical-resistance category selection chart.

Loaders, applicators, and other handlers must wear:

- Long-sleeved shirt and long pants
- Chemical-resistant gloves, and
- Shoes plus socks.

Aerial application is prohibited.

User Safety Requirements: Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

Engineering Controls: When applicators use enclosed cabs in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides (40 CFR 170.240 (d) (5)), the handler PPE requirements may be reduced or modified as specified in the WPS.

User Safety Recommendations: Users should wash hands thoroughly with soap and water before eating, drinking, chewing gum, using tobacco, or using the toilet. Users should remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. Users should 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.

ENVIRONMENTAL HAZARDS
This product is extremely toxic to aquatic invertebrates. For terrestrial uses, 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 area treated. Drift and run-off may kill aquatic invertebrates in water adjacent to treated areas. Do not contaminate water by cleaning equipment or disposal of wastes. Do not contaminate water when disposing of equipment washwaters.

Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

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, forest, 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 protection equipment (PPE), restricted-entry intervals. 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 unless otherwise specified in the directions for use associated with each crop. 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: 1. Coveralls over short sleeve shirt and short pants, 2. Chemical-resistant footwear, shoes plus socks, 3. Chemical-resistant gloves made of any waterproof material, and gloves, 4. Chemical-resistant headgear for overhead exposure. When the Restricted-Entry Interval for a crop is 7 days or longer, you must notify workers of the application by warning them orally and by posting warning signs at entrances to treated area.

Non-Agricultural Use Requirements
The requirements in this box apply to uses of this product that are NOT within the scope of the Worker Protection Standard for agricultural pesticides (40 CFR part 170). The WPS applies when this product is used to produce agricultural plants on farms, nurseries, or greenhouses. Do not enter or allow others to enter the treated area until dusts have settled. In addition, if directions for use require watering-in, do not enter or allow others to enter the treated area (except those involved in the watering-in) until the watering-in is completed and the area has dried.

First Aid
Carbaryl is an N-Methyl Carbamate Insecticide.
GENERAL: Contact a physician immediately in all cases of suspected poisoning. Transport patient to a physician or hospital immediately and SHOW A COPY OF THIS LABEL TO THE PHYSICIAN. If poisoning is suspected in animals, contact a veterinarian.

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 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.
If on skin	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 contacts, if present, after the first 5 minutes, then continue rinsing. 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.	

ANTIDOTE STATEMENT: ATROPINE SULFATE IS HIGHLY EFFECTIVE AS AN ANTIDOTE. See NOTE TO PHYSICIAN.

NOTE TO PHYSICIAN: Carbaryl is a N-Methyl carbamate that inhibits cholinesterase. Atropine is antidotal. Do not use 2-PAM (pyridene-2-aldoxime methiodide), opiates or cholinesterase inhibiting drugs. Probable mucosal damage may contraindicate the use of gastric lavage.

DIRECTIONS FOR USE
It is a violation of Federal Law to use this product in any manner inconsistent with its labeling.

Read entire label before using this product.

LAWNS, RECREATIONAL, AND ORNAMENTAL TURF AREAS
To kill turf grass pests, apply granules uniformly to the turf grass. Follow specific directions for proper application and irrigation.

This product will kill only target pests present at the time of application. Pests must be directly contacted to be effective.

RESTRICTIONS
Not for use on sod farms.
Do not apply more than 4 times per year.
The minimum reapplication interval is seven days.
Do not apply by hand, spoon or belly grinder.
For outdoor use only.
Apply only using ground equipment.

PEST		LBS OF PRODUCT PER 1,000 SQ. FT.	SPECIFIC DIRECTIONS
Ants (except harvester ants, pharoah ants and carpenter ants) Armyworms Centipedes Chiggers Chinch Bugs Crickets Cutworms Darkling Ground Beetles Earwigs Essex Skipper European Chafer Fall Armyworm Fiery Skipper Fleas Grasshoppers	Green June Beetles Green June Beetle Grubs Lawn Moths (Sod Webworm) Leafhoppers Lucerne Moth Larvae Millipedes Sowbugs Spittlebugs Springtails Yellowstriped Armyworms	1.7 to 2.4	Apply uniformly when grass is dry. Product must be watered in immediately after application.

PEST	LBS OF PRODUCT PER 1,000 SQ. FT.	SPECIFIC DIRECTIONS
White Grubs (such as Japanese Beetle Grubs, Chafer Beetles, <i>Phyllophaga</i> spp. Grubs and Annual White Grubs) Bluegrass billbugs larvae European cranefly larvae	2.4	For white grub kill, applications should be made when grubs are feeding near the soil surface, usually during late March through May or July to early September, or as recommended by local agricultural extension agents. Product must be watered in immediately after application.

NUISANCE PEST KILL IN AND AROUND FLOWER BEDS AND ORNAMENTAL PLANTINGS AND AROUND OUTSIDE OF BUILDINGS
For kill of Ants (except harvester ants, pharaoh ants and carpenter ants), Armyworms, Centipedes, Crickets, Cutworms, Earwigs, Firebrats, Silverfish, Fleas, Millipedes, Sowbugs, Scorpions, and Spiders: Apply 2.4 lbs. of this product per 1,000 sq. ft. For most effective kill, treated areas must be watered in. Do not apply more than 4 times allowed per year. The minimum reapplication interval is seven days.

FRUIT AND VEGETABLE CROPS
For kill of Ants (except harvester ants, pharaoh ants and carpenter ants), Centipedes, Crickets, Cutworms, Earwigs, Grasshoppers, Millipedes, Sowbugs (Pillbugs), Springtails and refer to Use Rate chart below for application information for specified crops. Apply specified rate of product evenly over the soil surface. Product must be watered in immediately after application. Applications may be made at any time before, during and after the growing season. If applying during the growing season, observe indicated pre-harvest intervals (PHI). Do not apply within the number of days indicated in the commodity's PHI before harvesting.

Use rates for The Andersons Professional Turf Products 8% Granular Insecticide with Carbaryl

Commodity	Use Rate
Asparagus	Application to Spears: <ul style="list-style-type: none">Single application rate of 0.35 lbs per 1,000 sq. ft.PHI = 1 dayRepeat applications up to 3 times allowed per year prior to harvestRetreatment interval = 3 days Application to Ferns (after harvest of spears): <ul style="list-style-type: none">Single application rate of 0.6 lbs per 1,000 sq. ft.Retreatment interval = 7 daysDo not exceed maximum number of 5 applications per year pre- and post- combined
Dried shelled beans and peas including: field bean, kidney bean, lima bean (dry), navy bean, pinto bean, adzuki bean, blackeyed pea, cowpea, mung bean, southern pea, lentil (dry)	<ul style="list-style-type: none">Single application rate of 0.4 lbs per 1,000 sq. ft. per applicationTotal yearly application rate of 1.7 lbs per 1,000 sq. ft.Retreatment interval = 7 daysPHI = 3 days (succulents)PHI = 21 days (dried)PHI = 14 days (forage)PHI = 21 days (hay)Use on succulent peas and beans are prohibitedDo not apply more than 4 times allowed per year
Garden beets (roots), carrots, horseradish, radish, parsnip, rutabaga, salsify, turnips (roots)	<ul style="list-style-type: none">Single application rate of 0.6 lbs per 1,000 sq. ft. per applicationTotal yearly application rate of 1.7 lbs per 1,000 sq. ft.Retreatment interval = 7 daysPHI = 7 daysMaximum number of applications allowed per year is 3
Mustard greens	<ul style="list-style-type: none">Single application rate of 0.4 lb per 1,000 sq. ft. per applicationTotal yearly application rate of 1.7 lb per 1,000 sq. ft.Retreatment interval = 14 daysPHI = 14 daysMaximum number of applications allowed per year is 3
Brussels sprouts, broccoli, cabbage, cauliflower, Chinese cabbage, collards, kale, kohlrabi	<ul style="list-style-type: none">Single application rate of 0.6 lbs per 1,000 sq. ft. per applicationTotal yearly application rate of 1.7 lbs per 1,000 sq. ft.Retreatment interval = 7 daysPHI = 3 days (Brussels sprouts, broccoli, cabbage, kohlrabi, cauliflower)PHI = 14 days (Chinese cabbage, kale, collards)Maximum number of applications allowed per year is 3
Corn (sweet)	<ul style="list-style-type: none">Single application rate of 0.6 lbs per 1,000 sq. ft. per applicationTotal yearly application rate of 4.6 lbs per 1,000 sq. ft.Retreatment interval = 3 daysPHI = 2 days (ears)PHI = 14 days (forage)PHI = 48 days (fodder)Maximum number of applications allowed per year is 8Hand-detasseling is prohibited
Cucumber, melon, squash	<ul style="list-style-type: none">Single application rate of 0.3 lbs per 1,000 sq. ft. per applicationTotal yearly application rate of 1.7 lbs per 1,000 sq. ft.Retreatment interval = 7 daysPHI = 3 daysMaximum number of applications allowed per year is 6
Potato	<ul style="list-style-type: none">Single application rate of 0.6 lbs per 1,000 sq. ft. per applicationTotal yearly application rate of 1.7 lbs per 1,000 sq. ft.Retreatment interval = 7 daysPHI = 7 daysMaximum number of applications allowed per year is 3
Strawberry	<ul style="list-style-type: none">Single application rate of 0.6 lbs per 1,000 sq. ft. per applicationTotal yearly application rate of 3.5 lbs per 1,000 sq. ft.Retreatment interval = 7 daysPHI = 7 daysMaximum number of applications allowed per year is 5
Tomato, pepper, eggplant	<ul style="list-style-type: none">Single application rate of 0.6 lbs per 1,000 sq. ft. per applicationTotal yearly application rate of 2.3 lbs per 1,000 sq. ft.Retreatment interval = 7 daysPHI = 3 daysMaximum number of applications allowed per year is 4

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: Nonrefillable container. Do not reuse or refill this container.
Offer for recycling, if available. Completely empty bag into application equipment. Then dispose of empty bag in a sanitary landfill or bgy incineration,or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

Suggested Spreader Settings				
Suggested spreader settings are not intended to replace calibration. Please calibrate your spreader prior to applying product.				
50 lbs. treats 29,400 sq. ft. (0.67 acre) at the 74 lbs. product/acre - LOW RATE (1.7 lbs/1,000 Sq. Ft.) 50 lbs. treats 20,800 sq. ft. (0.47 acre) at the 105 lbs. product/acre at the HIGH RATE (2.4 lbs/1,000 Sq. Ft.)				
SPREADER	GROUND SPEED	WIDTH OF COVERAGE	SPREADER SETTINGS	
			LOW RATE 5.92 lbs. ai/A	HIGH RATE 8.36 lbs. ai/A
Andersons Model 2000 / AccuPro 2000 (cone 6); Andersons 2000 SR / SR-2000 (cone 6) Andersons LCO-1000	3 mph	10 feet	J 1/4	K
Andersons Dual Impeller D12020	3 mph	11	J 1/4	K
Andersons SS-2 Drop	3 mph	overlap wheels	3	4
Scotts R-8, R-8A (cone 6)	3 mph	10 feet	H 3/4	I 1/2
Lesco 020093 (pattern 0.25)	3 mph	7 feet	D	D 1/2
Lesco 705698 (pattern 0.25)	3 mph	7 feet	10	11
Lely Models WTR, WFR, HR, I250 (PTO at 450 rpm) pattern III-C	4.5 mph	34 feet	4	4 1/2
Vicon (03 Series)	4.5 mph	25 feet	15	17

Calibrate spreader equipment at the time of application to achieve the specified application rate.

This product may be applied only by properly calibrated drop or broadcast spreader. Do not apply by hand, spoon treatment or belly grinder.

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 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/JURISDICTION TO STATE/JURISDICTION.

Manufactured by:
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Professional Turf is a trademark of The Andersons, Inc.

SGN 150
Net Wt. 50 Lbs. (22.68 kg)



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