

CARBARYL	GROUP	1A	INSECTICIDE
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The Andersons Professional Turf Products

8% Granular Insecticide with Carbaryl

- Dispersible granular carrier**

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

EPA Reg. No. 9198-146
EPA Est. 9198-OH-1M, 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 THE 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 the surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment washwater or rinsate. Do not apply when weather conditions favor drift from the area treated. Drift and run-off may be hazardous aquatic invertebrates in water adjacent to treated areas.

To protect the environment, do not allow pesticide to enter or run off into storm drains, drainage ditches, gutters or surface waters. Applying this product in calm weather when rain is not predicted for the next 48 hours will help to ensure that wind or rain does not blow or wash pesticide off the treatment area. Sweeping any product that lands on a driveway, sidewalk, or street, back onto the treated area of the lawn or garden will help to prevent run off to water bodies or drainage systems.

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. Coversalls over short sleeve shirt and short pants, 2. Chemical-resistant footwear, shoes plus socks, 3. Chemical-resistant gloves made of any waterproof material, 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. To treat insects harbored in voids and cracks-and-crevices, applications must be made in such a manner to limit dripping and avoid runoff onto untreated structural surfaces and plants.

Read entire label before using this product.

REPORTING ECOLOGICAL INCIDENTS: For guidance on reporting ecological incidents, including death, injury, or harm to plants and animals, including bees and other non-target insects, see EPA's Pesticide Incident Reporting website: <https://www.epa.gov/pesticide-incident>s or call 1-800-757-8951.

ENDANGERED AND THREATENED SPECIES PROTECTION REQUIREMENTS: Before using this product, you must obtain any applicable Endangered Species Protection Bulletins ("Bulletins") within six months prior to or on the day of application. To obtain Bulletins, go to Bulletins Live! Two (BLT) at <https://www.epa.gov/pesticides/bulletins>. When using this product, you must follow all directions and restrictions contained in any applicable Bulletin(s) for the area where you are applying the product, including any restrictions on application timing if applicable. It is a violation of Federal law to use this product in a manner inconsistent with its labeling, including this labeling instruction to follow all directions and restrictions contained in any applicable Bulletin(s). For general questions or technical help, call 1-844-447-3813, or email ESPP@epa.gov

RESISTANCE MANAGEMENT: For resistance management, this product contains a Group 1A insecticide. Any insect population may contain individuals naturally resistant to this product and other Group 1A insecticides. The resistant individuals may dominate the insect population if this group of insecticides are used repeatedly in the same fields. Appropriate resistance-management strategies should be followed. To delay insecticide/acaricide resistance, take the following steps:

- Rotate the use of this product or other Group 1A insecticides within a growing season, or among growing seasons, with different groups that control the same pests. Avoid application of more than 4 times and consecutive applications of this product or other insecticides in the same group in a season.
- Use tank mixtures with insecticides from a different group that are equally effective on the target pest when such use is permitted. Do not rely on the same mixture repeatedly for the same pest population. Consider any known cross-resistance issues (for the targeted pests) between the individual components of a mixture. In addition, consider the following recommendations provided by the Insecticide Resistance Action Committee (IRAC):
 - Individual insecticides selected for use in mixtures should be highly effective and be applied at the rates at which they are individually registered for use against the target species.
 - Mixtures with components having the same IRAC mode of action classification are not recommended for insect resistance management.
 - When using mixtures, consider any known cross-resistance issues between the individual components for the targeted pest(s).
 - Mixtures become less effective if resistance is already developing to one or both active ingredients, but they may still provide pest management benefits.
 - The insect resistance management benefits of an insecticide mixture are greatest if the two components have similar periods of residual insecticidal activity. Mixtures of insecticides with unequal periods of residual insecticide activity may offer an insect resistance management benefit only for the period where both insecticides are active.
- Adopt an integrated pest management program for insecticide use that includes scouting, uses historical information related to pesticide use, crop rotation, record keeping, and which considers cultural, biological and other chemical control practices.
- Monitor after application for unexpected target pest survival. If the level of survival suggests the presence of resistance, consult with your local university specialist or certified pest control advisor.
- Contact your local extension specialist or certified crop advisors for any additional pesticide resistance-management and/or IPM recommendations for the specific site and pest problems in your area.
- For further information or to report suspected resistance contact The Andersons, Inc. at 1-800-757-8951.

Do not apply during rain. Do not apply when soil in the area to be treated is saturated (if there is standing water on the field or if water can be squeezed from soil) or if NOAA/National Weather Service predicts a total rainfall of 1 inch or greater over the 48 hours following the day of application, only considering a 48-hour period when, at any point during the 48-hour period, the precipitation potential is 50% or greater. Detailed National Weather Service forecasts for local weather conditions should be obtained on-line at: www.weather.gov or by contacting your local National Weather Service Forecasting Office.

Do not apply within 25 feet of aquatic habitats (such as, but not limited to, lakes, reservoirs, rivers, permanent streams or ephemeral streams when water is present, wetlands or natural ponds, estuaries, and commercial fish farm ponds).

All outdoor applications, unless permitted elsewhere on this label, must be limited to spot or crack-and-crevice treatments only, except for the following permitted uses:

- Applications to soil, lawn, turf, or vegetation;
- Perimeter band treatments of 6 ft wide or less from the base of a man-made structure to pervious surfaces (e.g., soil, mulch, or lawn);
- Applications around potential exterior pest entry points into man-made structures such as doorways and windows, when limited to a band not to exceed one inch;
- Applications to vertical surfaces directly above pervious surfaces, such as bare soil, lawn, turf, mulch or other vegetation, that do not drain into ditches, storm drains, gutters, or surface waters.

Spot treatments must not exceed two square feet in size (for example, 2 ft. by 1 ft. or 4 ft. by 0.5 ft.). Do not apply the product into fish pools, ponds, streams, or lakes. Do not apply directly to sewers or storm drains, or to any area like a drain or gutter where drainage to sewers, storm drains, water bodies, or aquatic habitat can occur. Do not allow the product to enter any drain during or after application. Do not apply directly to impervious horizontal surfaces such as sidewalks, driveways, and patios except as a spot or crack-and-crevice treatment. Do not apply to vertical surfaces directly above pervious or impervious surfaces that drain into ditches, storm drains, gutters, or surface waters. Do not apply or irrigate to the point of runoff.

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.

The maximum annual amount for turf grass is 10 lbs. ai/acre/year.

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. Do not apply this product for agricultural uses in Hawaii.

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

PEST	LBS OF PRODUCT PER 1,000 SQ. FT.	SPECIFIC DIRECTIONS
Ants (except harvester ants, pharaoh 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	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. to shrub and flowerbeds, foundations, ornamental plantings, and lawn or soil areas immediately adjacent to the building. 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, refer to Use Rate chart below for application information for specific 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 growing season. If applying during the growing season, observe indicated pre-harvest intervals (PHI). Do not apply within the numbers of days indicated in the commodity's PHI before harvesting.

Commodity	Use Rate
Asparagus	<p>Application to Spears:</p> <ul style="list-style-type: none">Single application rate of 0.35 lbs per 1,000 sq. ft. PHI is one day Repeat applications up to 3 times allowed per year prior to harvest Retreatment interval = 7 days <p>Application to Ferns (after harvest of spears):</p> <ul style="list-style-type: none">Single application rate of 0.6 lbs per 1,000 sq. ft. Retreatment interval = 7 days Do not exceed maximum number of 4 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 application Total yearly application rate of 1.7 lbs per 1,000 sq. ft. Retreatment interval = 7 days PHI = 3 days (succulents) PHI = 21 days (dried) PHI = 14 days (forage) PHI = 21 days (hay) Use on succulent peas and beans are prohibited Do not apply more than 4 times allowed per year
Use on succulent peas and beans are prohibited.	
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 application Total yearly application rate of 1.7 lbs per 1,000 sq. ft. Retreatment interval = 7 days PHI = 7 days Total 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 application Total yearly application rate of 1.7 lb per 1,000 sq. ft. Retreatment interval = 14 days PHI = 14 days Total 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 application Total yearly application rate of 2.4 lbs per 1,000 sq. ft. Retreatment interval = 7 days PHI = 3 days (Brussels sprouts, broccoli, cabbage, kohlrabi, cauliflower) PHI = 14 days (Chinese cabbage, kale, collards) Total number of applications allowed per year is 4
Corn (sweet)	<ul style="list-style-type: none">Single application rate of 0.6 lbs per 1,000 sq. ft. per application Total yearly application rate of 2.4 lbs per 1,000 sq. ft. Retreatment interval = 3 days PHI = 2 days (ears) PHI = 14 days (forage) The PHI = 48 days (fodder) The maximum number of applications allowed per year is 4 Hand-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 application Total yearly application rate of 1.7 lbs per 1,000 sq. ft. The maximum annual amount is 4 lbs. ai/acre/year Retreatment interval = 7 days PHI = 3 days Maximum number of applications allowed per year is 4
Potato	<ul style="list-style-type: none">Single application rate of 0.6 lbs per 1,000 sq. ft. per application Total yearly application rate of 1.7 lbs per 1,000 sq. ft. Retreatment interval = 7 days PHI = 7 days Total 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 application Yearly application rate is 2.4 lbs per 1,000 sq. ft. Retreatment interval = 7 days PHI = 7 days Maximum number of applications allowed per year is 4
Tomato, pepper, eggplant	<ul style="list-style-type: none">Single application rate of 0.6 lbs per 1,000 sq. ft. per application Total yearly application rate of 2.4 lbs per 1,000 sq. ft. Retreatment interval = 7 days PHI = 3 days Maximum 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 by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

<p align="center">Spreader Settings Suggested spreader settings are not intended to replace calibration. Please calibrate your spreader prior to applying product. 40 lbs. treats 23,500 sq. ft. (0.54 acre) at the 14 lbs. product/acre - LOW RATE (1.7 lbs/1,000 Sq. Ft.) 40 lbs. treats 16,600 sq. ft. (0.38 acre) at the 105 lbs. product/acre at the HIGH RATE (2.4 lbs/1,000 Sq. Ft.)</p>				
SPREADER	GROUND SPEED	WIDTH OF COVERAGE	SPREADER SETTINGS	
			LOW RATE 5.92 lbs. ai/A	HIGH RATE 8.36 lbs. ai/A
Andersons 2000 series (cone 6); Andersons LCO-1000	3 mph	10 feet	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, 1250 (PTO at 450 rpm) pattern III-C	4.5 mph	34 feet	4	4 1/2
Vicon (O3 Series)	4.5 mph	25 feet	15	17

Note: 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:

The Andersons, Inc.
P.O. Box 119
Maumee, OH 43537
AndersonsPro.com

Product Name:

The Andersons logo is a registered trademark of The Andersons, Inc.

Net Weight:

Net Volume:

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The Andersons[®]

SGN 150

Net Wt. 40 Lbs. (18.14 kg)

Treats up to 23,500 sq.ft.

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