

9198-146

9/25/2009

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U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Registration Division (7505P)
1200 Pennsylvania Ave., N.W.
Washington, D.C. 20460

EPA Reg. Number:
9198-146

Date of Issuance:
SEP 25 2009

Terms of Issuance:
Unconditional

Name of Pesticide Product:
The Andersons 8.0% Granular Insecticide

NOTICE OF PESTICIDE:

Registration
 Reregistration
(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):
The Andersons Inc.
P.O. Box 119
Maumee,
Ohio 43537

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.

On the basis of information furnished by the registrant, the above named pesticide is hereby reregistered under the Federal Insecticide, Fungicide and Rodenticide Act. 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.

Based on your response to the Reregistration Eligibility Document, EPA has reregistered the product listed above. This action is taken under the authority of section 4(g)(2)(c) of the Federal Insecticide, Fungicide, and Rodenticide Act, as amended. Reregistration under this section does not eliminate the need for continual reassessment of pesticides. EPA may require submission of data at any time to maintain the registration of your product. Within 45 days from the date of this notice, two copies of a final printed label must be submitted with the following changes:

- 1. On page 1 delete Formulated on proprietary DG Pro® dispersible carrier.

Signature of Approving Official:

Meredith Laws
Meredith Laws, Branch Chief
Registration Division, Insecticide-Rodenticide Branch

Date: SEP 25 2009

- 2. On Page 4 delete “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 intended for aesthetic purposes or climatic modification and being grown in ornamental gardens or parks, or on golf courses or lawns.”
- 3. On page 4, revise “For best kill, follow specific directions for proper application and irrigation.” to read “Follow specific directions for proper application and irrigation.”
- 4. On page 4, under the heading **LAWNS, RECREATIONAL, AND ORNAMENTAL TURF AREAS**, add a heading **RESTRICTIONS** and underneath add the following language:

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.

- 5. On page 4 revise “For general insect kill, apply granules uniformly when grass is dry.” To read “Apply uniformly when grass is dry.”
- 6. On page 4 delete the two sentences “Repeat applications may be made as needed to kill new infestations.”
- 7. On page 5 Under **NUISANCE PEST KILL IN AND AROUND FLOWER BEDS AND ORNAMENTAL PLANTINGS AND AROUND OUTSIDE OF BUILDINGS**, delete “Repeat applications may be made as needed to kill new infestations.”
- 8. On page 5 Under **NUISANCE PEST KILL IN AND AROUND FLOWER BEDS AND ORNAMENTAL PLANTINGS AND AROUND OUTSIDE OF BUILDINGS**, add ” Do not apply more than 4 times per year. The minimum reapplication interval is seven days.”
- 9. On page 5 Under **NUISANCE PEST KILL IN AND AROUND FLOWER BEDS AND ORNAMENTAL PLANTINGS AND AROUND OUTSIDE OF BUILDINGS** revise the phrase “... apply granules uniformly in a 6 foot band around the building. Apply granules at the rate of 4.6 ounces per 120 square feet (6 X 20 foot band....” to read “Apply 2.4 lbs of this product per 1000 sq. ft.”
- 10. On page 5 under **FRUIT AND VEGETABLE CROPS** delete “(Not Recommended for Sale or Use in California)”
- 11. In pg 5 under **FRUIT AND VEGETABLE CROPS** revise the phrase “for various commodities” to read “for specified crops”.

12. On page 5, revise "Apply recommended rate of product" to read "Apply specified rate of product..."
13. On page 5 and every subsequent page under NUISANCE PESTS IN VEGETABLES, SMALL FRUITS AND BERRIES , revise the phrase yearly application rate to read "total yearly application"
14. On page 5 and every subsequent page under NUISANCE PESTS IN VEGETABLES, SMALL FRUITS AND BERRIES, delete the phrase "per crop."
15. On page 5 and every subsequent page, under NUISANCE PESTS IN VEGETABLES, SMALL FRUITS AND BERRIES, replace the word "times" with "times allowed per year." Everywhere the word appears.
16. On page 5 and every subsequent page, under NUISANCE PESTS IN VEGETABLES, SMALL FRUITS AND BERRIES, replace the words "total of" with "maximum number of." Everywhere the term appears.
17. On page 5 under asparagus, revise the directions for use to read:

Application to Spears:
Single application rate of 0.35 lbs per 1,000 sq. ft.
PHI is one day
Repeat applications up to 3 times prior to harvest
Retreatment interval = 3 days

Application to Ferns (after harvest of spears):
Single application rate of 0.6 lbs per 1,000 sq. ft.
Retreatment interval = 7 days
Do not exceed a total of 5 applications per year pre- and post- combined,

18. On page 5, replace "Beans, fresh and dried (snap, navy and kidney); pea, fresh and dried: cowpea, lentil" with "Edible-podded legume vegetables including: Snap bean, wax bean, yardlong bean, jack bean, edible-pod pea, snow pea, sugar snap pea. 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)."
19. On page 5, in the right hand column of the crops "Beans, fresh and dried (snap, navy and kidney); pea, fresh and dried: cowpea, lentil" with Edible-podded legume vegetables including: Snap bean, wax bean, yardlong bean, jack bean, edible-pod pea,

- snow pea, sugar snap pea. 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)" add "Use on succulent peas and beans are prohibited. and "Do not apply more than 4 times per year."
20. On page 5 under Garden beets (roots), carrots, horseradish, radish, parsnip, rutabaga, salsify, turnips (roots) revise "Total number of applications per crop is 6" to "Total number of applications allowed per year is 3."
 21. On page 5 under Mustard Greens, revise "PHI = 13 to 14 days" to read "PHI is 14 days."
 22. On page 5 under Mustard Greens revise "Total number of applications per crop is 4" to read "Total number of applications allowed per year is 3."
 23. On page 6 under Mustard Greens, revise Retreatment interval = 7 days to read "Retreatment interval = 14 days."
 24. On page 6 under Brussels sprouts, broccoli, cabbage, cauliflower, Chinese cabbage, collards, kale, kohlrabi" revise "Total number of applications per crop is 4" to read "Total number of applications allowed per year is 3."
 25. On page 6, delete directions for use for Corn (field and pop).
 26. On page 6 under Corn (sweet), add The maximum number of applications allowed per year is 8. Hand-détasseling is prohibited."
 27. On page 6 under Cucumber, melon, squash add "The maximum number of applications allowed per year 6."
 28. On page 6, delete all directions for use on Lettuce, head and leaf; endive, celery, dandelion, parsley, spinach, Swiss chard, Hanover salad, garden beets (tops), turnips tops.
 29. On page 6 under potatoes, revise "Total number of applications per crop is 6" to read "Total number of applications allowed per year is 3."
 30. On page 6 under strawberries, revise Yearly application rate of 2.8 lbs per 1,000 sq. ft. per crop to read "Yearly application rate is 3.5 lbs per 1,000 sq. ft. per crop. Maximum number of applications per year is 5."
 31. On Page 6, under Tomato, pepper, eggplant, revise "Total number of applications per crop is 7" to "Maximum number of applications allowed per year is 4."

32. On page 7, delete the heading SPREADER SETTINGS and entire Table beneath it.
33. On page 7, revise “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.” To read “Calibrate spreader equipment at the time of application to achieve the specified application rate.”
34. On page 10, revise “For best kill, follow specific directions for proper application and irrigation.” To read “Follow specific directions for proper application and irrigation.”
35. On page 10, under the heading LAWNS, add a heading RESTRICTIONS and underneath add the following language:

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.
36. On page 10 Under NUISANCE PEST KILL IN AND AROUND FLOWER BEDS AND ORNAMENTAL PLANTINGS AND AROUND OUTSIDE OF HOMES, delete “Repeat applications may be made as needed to kill new infestations.”
37. On page 10 Under NUISANCE PEST KILL IN AND AROUND FLOWER BEDS AND ORNAMENTAL PLANTINGS AND AROUND OUTSIDE OF HOMES , add ” Do not apply more than 4 times per year. The minimum reapplication interval is seven days.”
38. On page 10 Under NUISANCE PEST KILL IN AND AROUND FLOWER BEDS AND ORNAMENTAL PLANTINGS AND AROUND OUTSIDE OF HOMES revise the phrase “...apply granules uniformly in a 6 foot band around the building. Apply granules at the rate of 4.6 ounces per 120 square feet (6 X 20 foot band....” To read “Apply 2.4 lbs of this product per 1000 sq. ft.”
39. On page 11 and every subsequent page under HOME FRUIT AND VEGETABLE GARDENS, revise the phrase “yearly application rate” to read “total yearly application”
40. On page 11 and every subsequent page under HOME FRUIT AND VEGETABLE GARDENS, delete the phrase “per crop.” everywhere it occurs.
41. On page 11 and every subsequent page, under HOME FRUIT AND VEGETABLE GARDENS, replace the word “times” with “times per year.” everhwere it occurs.

42. On page 11 and every subsequent page, under HOME FRUIT AND VEGETABLE GARDENS, replace the words "total of" with "maximum number of." everywhere it occurs.

43. On page 5 under asparagus, revise the directions for use to read:

Application to Spears:

Single application rate of 0.35 lbs per 1,000 sq. ft.
PHI is one day
Repeat applications up to 3 times prior to harvest
Retreatment interval = 3 days

Application to Ferns (after harvest of spears):

Single application rate of 0.6 lbs per 1,000 sq. ft.
Retreatment interval = 7 days
Do not exceed a total of 5 applications per year pre- and post- combined,

44. On page 11, under Edible-podded legume vegetables including: Snap bean, wax bean, yardlong bean, jack bean, edible-pod pea, snow pea, sugar snap pea. 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). In the right hand column add "Use on succulent peas and beans is prohibited" and "Do not apply more than 4 times per year."

45. On page 11 under Garden beets (roots), carrots, horseradish, radish, parsnip, rutabaga, salsify, turnips (roots) revise "Total number of applications per crop is 6" to "Total number of applications allowed per year is 3".

46. On page 11 under B Brussels sprouts, broccoli, cabbage, cauliflower, Chinese cabbage, collards, kale, kohlrabi, mustard greens delete mustard greens, and revise "Total number of applications per crop is 4" to read "Total number of applications allowed per year is 3."

47. On page 12 under potatoes, revise Total number of applications per crop is 6 to read Total number of applications allowed per year is 3.

48. On page 12 under strawberries, revise "Yearly application rate of 2.8 lbs per 1,000 sq. ft." per crop to read "Yearly total application permitted is 3.5 lbs per 1,000 sq. ft. per crop. Maximum number of applications per year is 5."

49. On page 12, revise SUGGESTED SPREADER SETTINGS with "SPREADER SETTINGS"

50. On page 7, revise "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

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time of application to achieve the desired application rate.” to read “Calibrate spreader equipment at the time of application to achieve the specified application rate.”

Your Confidential Statement of Formula (CSF) dated May 19, 2006 (basic formulation) and May 19, 2006 (alternate formulation) are acceptable. These CSFs supercede all previous CSFs. You may distribute products bearing the old label for 12 months from receipt of this letter or your next printing of the label, whichever comes first.

A copy of the stamped label is enclosed for your records.

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(Subpart A - Commercial Use)

THE ANDERSONS 8.0% GRANULAR CARBARYL

Optional marketing claims:

- Kills white grubs, sod webworms, chinch bugs, ant and over 20 insects
- Use on lawns and ornamental plantings
- For Lawns
- Soil & Turf Insect Kill
- Dispersible granular carrier
- Formulated on proprietary DG Pro® dispersible carrier

Active Ingredient:

Carbaryl (1-naphthyl N-methylcarbamate) 8.0%

Inert Ingredients: 92.0%

Total: 100.00%

EPA REG. NO. 9198-146

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

See Back Panel For Additional Precautionary Statements

NET WEIGHT _____ LBS.

TREATS UP TO _____ SQ. FT.

ACCEPTED
 With COMMENTS
 In EPA Letter Dated:
 9/25/09
 Under the Federal Insecticide, Fungicide
 and Rodenticide Act, As amended, for the
 pesticide Registered under EPA Reg. No:
 9198-146

THE ANDERSONS 8.0% GRANULAR CARBARYL

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 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.

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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. 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.

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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.

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 intended for aesthetic purposes or climatic modification and being grown in ornamental gardens or parks, or on golf courses or lawns.

LAWNS, RECREATIONAL, AND ORNAMENTAL TURF AREAS

To kill turf grass pests, apply granules uniformly to the turf grass. For best kill, 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.

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	Green June Beetle Green June Beetle Grubs Lawn Moths (Sod Webworm) Leafhoppers Lucrene Moth Larvae Millipedes Sowbugs Spittlebugs Springtails Yellowstriped Armyworms	1.7 to 2.4	For general insect kill, apply granules uniformly when grass is dry. Product must be watered in immediately after application. Repeat applications may be made as needed to kill new infestations.

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 crane fly 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. Repeat applications may be made as needed to kill new infestations.

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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 granules uniformly in a 6 foot band around the building. Apply granules at the rate of 4.6 ounces per 120 square feet (6 X 20 foot band) to shrub and flower beds, foundations, ornamental plantings, and lawn or soil areas immediately adjacent to the building. For most effective kill, treated areas must be watered in. Repeat treatments as necessary to kill new infestations.

FRUIT AND VEGETABLE CROPS (Not Recommended for Sale or Use in California)

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 various commodities. Apply recommended 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 8.0% Granular Sevin

Commodity	Use Rate
Asparagus	<p>Application to Spears:</p> <ul style="list-style-type: none"> • Single application rate of 0.6 lbs per 1,000 sq. ft. per application • Yearly application rate of 1.7 lbs per 1,000 sq. ft. per crop <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. per application • Yearly application rate of 1.1 lbs per 1,000 sq.ft. per crop • Retreatment interval = 7 days when applied to ferns after harvest • Retreatment interval = 3 days when application are to spears • PHI = 1 day • The total yearly application rate for spears and ferns is 2.8 lbs per 1,000 sq.ft. per crop • The total number of applications is 3 prior to harvest with 2 additional applications to ferns only
Beans, fresh and dried (snap, navy and kidney); pea, fresh and dried: cowpea, lentil	<ul style="list-style-type: none"> • Single application rate of 0.4 lbs per 1,000 sq. ft. per application • Yearly application rate of 1.7 lbs per 1,000 sq. ft. per crop • Retreatment interval = 7 days • PHI = 3 days (succulents) • PHI = 21 days (dried) • PHI = 14 days (forage) • PHI = 21 days (hay)
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 • Yearly application rate of 1.7 lbs per 1,000 sq. ft. per crop • Retreatment interval = 7 days • PHI = 7 days • Total number of applications per crop is 6
Mustard greens	<ul style="list-style-type: none"> • Single application rate of 0.4 lb per 1,000 sq.ft. per application • Yearly application rate of 1.7 lb per 1,000 sq.ft. per crop • Retreatment interval = 7 days • PHI = 13 to 14 days • Total number of applications per crop is 4
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 • Yearly application rate of 1.7 lbs per 1,000 sq. ft. per crop • Retreatment interval = 7 days • PHI = 3 days (Brussels sprouts, broccoli, cabbage, kohlrabi, cauliflower) • PHI = 14 days (Chinese cabbage, kale, collards)

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	<ul style="list-style-type: none"> • Total number of applications per crop is 4
Corn (field and pop)	<ul style="list-style-type: none"> • Single application rate of 0.6 lbs per 1,000 sq. ft. per application • Yearly application rate of 2.3 lbs per 1,000 sq. ft. per crop • PHI = 14 days (forage, silage) • PHI = 48 days (grain, fodder)
Corn (sweet)	<ul style="list-style-type: none"> • Single application rate of 0.6 lbs per 1,000 sq. ft. per application • Yearly application rate of 4.6 lbs per 1,000 sq. ft. per crop • Retreatment interval = 3 days • PHI = 2 days (ears) • PHI = 14 days (forage) • PHI = 48 days (fodder)
Cucumber, melon, squash	<ul style="list-style-type: none"> • Single application rate of 0.3 lbs per 1,000 sq. ft. per application • yearly application rate of 1.7 lbs per 1,000 sq. ft. per crop • Retreatment interval = 7 days • PHI = 3 days
Lettuce, head and leaf; endive, celery, dandelion, parsley, spinach, Swiss chard, Hanover salad, garden beets (tops), turnips (tops)	<ul style="list-style-type: none"> • Single application rate of 0.6 lbs per 1,000 sq. ft. per application • Yearly application rate of 1.7 lbs per 1,000 sq. ft. per crop • Retreatment interval = 7 days • PHI = 14 to 15 days • Total number of applications per crop is 5
Potato	<ul style="list-style-type: none"> • Single application rate of 0.6 lbs per 1,000 sq. ft. per application • Yearly application rate of 1.7 lbs per 1,000 sq. ft. per crop • Retreatment interval = 7 days • PHI = 7 days • Total number of applications per crop is 6
Strawberry	<ul style="list-style-type: none"> • Single application rate of 0.6 lbs per 1,000 sq. ft. per application • Yearly application rate of 2.8 lbs per 1,000 sq. ft. per crop • Retreatment interval = 7 days • PHI = 7 days
Tomato, pepper, eggplant	<ul style="list-style-type: none"> • Single application rate of 0.6 lbs per 1,000 sq. ft. per application • Yearly application rate of 2.3 lbs per 1,000 sq. ft. per crop • Retreatment interval = 7 days • PHI = 3 days • Total number of applications per crop is 7

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.

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Spreader Settings				
These spreader settings are not intended to replace calibration. Please calibrate your spreader before applying product. XX lbs. treats X,XXX sq. ft. at the 74 lbs. product/acre - LOW RATE (1.7 lbs./1,000 sq. ft. rate) XX lbs. treats X,XXX sq. ft. at the 105 lbs. product/acre - HIGH RATE (2.4 lbs./1,000 sq. ft. rate)				
SPREADER	GROUND SPEED	WIDTH OF COVERAGE	SPREADER SETTINGS	
			LOW RATE 5.92 lbs. ai/A	HIGH RATE 8.36 lbs. ai/A
AA	X mph	XX ft	X	X
BB	X mph	XX ft	X	X
CC	X mph	XX ft	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.

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 LAWN FERTILIZER DIVISION, Inc., d/b/a Free Flow Fertilizer, Inc.
P.O. BOX 119
MAUMEE, OHIO 43537

Date Printed	9/13/09
Date Approved	4/23/03
Supersedes	9/27/94
Label Change	Amendment – RED label changes
Filename	9198-146
Label code	RVamd091309

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(Subpart B - Residential Use)

THE ANDERSONS 8.0% GRANULAR CARBARYL

Optional marketing claims for subregistrant:

- Kills white grubs, sod webworms, chinch bugs, ant and over 20 insects
- Use on lawns and ornamental plantings

Active Ingredient:

Carbaryl (1-naphthyl N-methylcarbamate) 8.0%

Inert Ingredients: 92.0%

Total: 100.00%

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

Optional marketing claims:

For lawns

Soil & Turf Insect Kill

KEEP OUT OF REACH OF CHILDREN

CAUTION

See Back Panel For Additional Precautionary Statements

NET WEIGHT _____ LBS.

TREATS UP TO _____ SQ. FT.

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THE ANDERSONS 8.0% GRANULAR CARBARYL

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION

HARMFUL IF SWALLOWED, INHALED OR ABSORBED THROUGH THE SKIN. Avoid contact with eyes, skin or clothing. Wear long-sleeved shirt and long pants, and shoes and socks, and chemical-resistant gloves when handling this product. Remove clothing immediately if pesticide gets inside. The wash and put on clean clothing. Wash hands thoroughly before eating, drinking, chewing gum, tobacco, or using the toilet. Remove contaminated clothing before reuse.

First Aid

Carbaryl is an N-Methyl Carbamate Insecticide.

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.	
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.	

ENVIRONMENTAL HAZARDS

This product is extremely toxic to aquatic invertebrates. Do not apply directly to water or allow to drift to water. 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 24 hours will help to ensure that wind or rain does not blow or wash pesticide off the treatment area. **BEE CAUTION: MAY KILL HONEYBEES AND OTHER BEES.** This product is highly toxic to honeybees and other bees. Do not apply to plants in bloom.

DIRECTIONS FOR USE

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

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Read entire label before using this product.

RESTRICTIONS

Not for use on plants being grown for sale or other commercial use, or for commercial seed production, or for research purposes.

Do not apply this product in a way that will contact any person or pet, either directly or through drift. Keep people and pets out of the area during application. This product may be applied only by broadcast or drop type spreaders. Do not apply by hand, spoon or belly grinder.

Do not enter or allow others to enter the treated area until dusts have settled. Product must be watered in immediately following application. For outdoor use only. Do not enter or allow others to enter treated lawns or turf (except those persons involved in the application and watering) until the watering-in is complete and until the surface is dry after the watering-in.

LAWNS

To kill turf grass pests, apply granules uniformly to the turf grass. For best kill, 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.

Pest	Pounds of Product per 1,000 sq ft.	Comments
Ants (except harvester, pharaoh and carpenter ants), Armyworms, Centipedes, Chiggers, Chinch Bugs, Cutworms, Earwigs, Essex Skipper, European Chafer, Fall Armyworm, Fiery Skipper, Grasshoppers, Green June Beetle Larvae, Leafhoppers, Lucerene Moth, Millipedes, Mosquitoes (young), Scarab Beetle Adults: such as May Beetle, June Beetle, Japanese Beetle, Green June Beetle, Sod Webworm (lawn moths), Sowbugs, Spittlebugs, Springtails, Yellowstriped Armyworms	2.25	Product must be watered in immediately following application. For heavy infestations of Chinch bugs, increase rate to 5 lbs. per 1,000 sq. ft. and treat the entire area. To effectively kill subsurface pests, apply when insects are actively feeding near the soil surface, usually during late March through May, or July through early September, or as guided by local agricultural extension service agents.
Billbug Larvae, European Crane Fly Larvae, Fleas, White Grubs: Such as Japanese Beetle Larvae, Chafer Beetle Larvae, Phyllophaga spp. Larvae, Annual White Grubs, Black Turfgrass Ataenius Beetle Larvae, Hyperodoes Weevil (Bluegrass Weevil Larvae)	9	
Scorpions	5	
Fleas	7-9	

NUISANCE PEST KILL IN AND AROUND FLOWER BEDS AND ORNAMENTAL PLANTINGS AND AROUND OUTSIDE OF HOME

To kill Ants (except pharaoh ants and carpenter ants), Armyworms, Centipedes, Crickets, Cutworms, Earwigs, Firebrats, Silverfish, Fleas, Millipedes, Sowbugs, Scorpions, and Spiders; apply granules uniformly in a 6 foot band around the outside of home. Apply granules at the rate of 6 (6 X 20 foot band) to shrub and flower beds, foundations, ornamental plantings, and lawn or soil areas immediately adjacent to the home. Product must be watered in immediately after application. Repeat applications as necessary, but no more than once every week, and no more than four times per year. Will only kill pests present at the time of application and directly contacted by the granule.

HOME FRUIT AND VEGETABLE GARDENS

To kill Ants (except pharaoh ants and carpenter ants), Centipedes, Crickets, Cutworms, Earwigs, Grasshoppers, Millipedes, Sowbugs (Pillbugs), Springtails, refer to Use Rate chart below for application directions. Apply specified rate of product evenly over the soil surface. Water lightly after application to

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release the chemical from the granules. Applications may be made at any time before, during and after the growing season, unless otherwise indicated. 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 8.0% Granular Sevin

Commodity	Use Rate
Asparagus	<p>Application to Spears:</p> <ul style="list-style-type: none"> • Single application rate 0.6 lbs per 1,000 sq. ft. per application • Yearly application rate of 1.7 lbs per 1,000 sq. ft. per crop <p>Application to Ferns (after harvest of spears):</p> <ul style="list-style-type: none"> • Single application rate 0.6 lbs per 1,000 sq. ft. per application • Yearly application rate of 1.1 lbs per 1,000 sq.ft. per crop • Retreatment interval = 7 days when applied to ferns after harvest • Retreatment interval = 3 days when application are to spears • PHI = 1 day • The total yearly application rate for spears and ferns is 2.8 lbs per 1,000 sq.ft. per crop • The total number of application is 3 prior to harvest with 2 additional applications to ferns only
Edible-podded legume vegetables including: Snap bean, wax bean, yardlong bean, jack bean, edible-pod pea, snow pea, sugar snap pea. 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 0.4 lbs per 1,000 sq. ft. per application • Yearly application rate of 1.7 lbs per 1,000 sq. ft. per crop • Retreatment interval = 7 days • PHI = 3 days (edible-podded) • PHI = 21 days (dried) • Total number of applications per crop can be 4
Garden beets (roots), carrots, horseradish, radish, parsnip, rutabaga, salsify, turnips (roots)	<ul style="list-style-type: none"> • Single application rate 0.6 lbs per 1,000 sq. ft per application • Yearly application rate of 1.7 lbs per 1,000 sq. ft. per crop • Retreatment interval = 7 days • PHI = 7 days • Total number of applications per crop can be 6 (some of which must be at lower than maximum single application rate)
Brussels sprouts, broccoli, cabbage, cauliflower, Chinese cabbage, collards, kale, kohlrabi, mustard greens	<ul style="list-style-type: none"> • Single application rate 0.6 lbs per 1,000 sq. ft. per application • Yearly application rate of 1.7 lbs per 1,000 sq. ft. per crop • Retreatment interval = 7 days • PHI = 3 days (Brussels sprouts, broccoli, cabbage, kohlrabi, cauliflower) • PHI = 14 days (Chinese cabbage, kale, collards) • Total number of applications/crop can be 4 (some of which must be at lower than maximum single application rate)
Cucumber, melon, squash	<ul style="list-style-type: none"> • Single application rate 0.3 lbs per 1,000 sq. ft. per application • Yearly application rate of 1.7 lbs per 1,000 sq. ft. per crop • Retreatment interval = 7 days • PHI = 3 days • Total number of applications per crop can be 6
Garden beets (tops), turnips (tops)	<ul style="list-style-type: none"> • Single application rate 0.6 lbs per 1,000 sq. ft. per application • Yearly application rate of 1.7 lbs per 1,000 sq. ft. per crop • Retreatment interval = 7 days • PHI = 14 days

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	<ul style="list-style-type: none"> • Total number of applications per crop can be 3
Potatoes	<ul style="list-style-type: none"> • Single application rate 0.6 lbs per 1,000 sq. ft. per application • Yearly application rate of 1.7 lbs per 1,000 sq. ft. (6 lb ai/acre) per crop • Retreatment interval = 7 days • PHI = 7 days • Total number of applications per crop can be 3.
Strawberry	<ul style="list-style-type: none"> • Single application rate 0.6 lbs per 1,000 sq. ft. per application • Yearly application rate of 2.8 lbs per 1,000 sq. ft. per crop • Retreatment interval = 7 days • PHI = 7 days • Total number of applications per crop can be 5
Tomato, pepper, eggplant	<ul style="list-style-type: none"> • Single application rate 0.6 lbs per 1,000 sq. ft. per application • Yearly application rate of 2.3 lbs per 1,000 sq. ft. per crop • Retreatment interval = 7 days • PHI = 3 days • Total number of applications per crop can be 4

STORAGE AND DISPOSAL

STORAGE: Store unused product in original container only, in cool, dry area out of the reach of children and animals. Keep container closed and away from food, feedstuffs and domestic water supplies. Do not store in areas where temperatures frequently exceed 100° F.

DISPOSAL:

If empty: Nonrefillable container. Do not reuse or refill this container. Offer for recycling, if available.

If partly filled: Call your local solid waste agency for disposal instructions. Never place unused product down any indoor or outdoor drain.

SUGGESTED SPREADER SETTINGS

(available at final printing)

IMPORTANT: The above spreader settings are approximate. Differences may occur due to condition of spreader, speed at which applied and roughness of terrain. Calculate the size of the area to be treated and do not over or under apply. Accurately weigh a few pounds into your spreader and apply to a measured area. Then adjust the spreader setting, if necessary, in order to assure correct rate of application. Close spreader when filling, stopping or turning, do not hand spread.

Broadcast spreaders

For best results, apply in a circular path starting on the outside and working toward the center. A little overlap of product will ensure complete coverage. [diagram of path] [listing of settings]

Drop spreaders

First apply 2 border strips along the edge of each end of the lawn. Then apply product along the length of the lawn, overlapping slightly and shutting off the spreader before turning as you reach the edge of the border strips. [diagram of path] [listing of settings]

To determine square footage of application area, follow calculation chart. [lawn/turf diagram]

___ length
x ___ width
= ___ Total Sq. Ft.
- ___ Non-lawn areas
= ___ Total Sq. Ft.

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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.

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Manufactured by:

THE ANDERSONS LAWN FERTILIZER DIVISION, Inc., d/b/a Free Flow Fertilizer, Inc.
P.O. BOX 119
MAUMEE, OHIO 43537

Optional for subregistrant:

My Pledge of Satisfaction: We have made very effort in the formulation of this product to insure that you will be satisfied with the results. If, for any reason, you are not satisfied, please write and describe the problem. Our lawn and turf specialists will make every effort to assure your success. Visit our website at {website address}

Application Timing Chart											
Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
		↓	↓	↓	↓	↓	↓	↓	↓		
{diagram of movement of grub}											
Grub Life Cycle											

Date Printed	8/28/09
Date Approved	4/23/03
Supersedes	9/27/94
Label Change	Amendment – RED label changes
Filename	9198-146H
Label code	RVred082809