

PM 04
5481-91
01.19.99

DURHAM®

METALDEHYDE GRANULES 3.5

A SOIL SURFACE TREATMENT FOR CONTROL OF SNAILS AND SLUGS IN FIELD CROPS - DICHONDRA & TURFGRASS LAWNS - ORNAMENTAL PLANTS & GREENHOUSES - SEED CROPS - SMALL FRUITS & BERRIES - TREE CROPS - VEGETABLE CROPS & GARDENS

ACTIVE INGREDIENT:
 Metaldehyde (2,4,6,8-tetramethyl-1,3,5,7-tetraoxocyclo-octane) 3.5%

INERT INGREDIENTS: 96.5%

Total 100.0%

**KEEP OUT OF REACH OF CHILDREN
CAUTION**

STATEMENT OF PRACTICAL TREATMENT

SWALLOWED: DO NOT induce vomiting. Call a physician or Poison Control Center immediately.

IF ON SKIN: Wash with soap and warm water.

IF IN EYES: Flush with flowing water. Get medical attention if irritation persists.

**THIS PESTICIDE MAY BE FATAL TO DOGS OR OTHER PETS IF EATEN
KEEP PETS OUT OF TREATED AREAS**

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DO NOT TAKE INTERNALLY. DO NOT GET IN EYES. DO NOT GET ON SKIN.

CAUTION: May be harmful if swallowed, inhaled, or absorbed through the skin. Do not breathe dust, get in eyes, on skin or on clothing. If poisoning occurs, obtain prompt medical aid. Keep granules away from dogs and pets. Bait may be attractive to dogs. Confine pets during application to prevent them from believing they are being fed.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Applicators and other handlers must wear long-sleeved shirt and long pants; waterproof gloves; socks; and shoes. Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

User Safety Recommendations

User should: Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. 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

Do not apply directly to water, or to areas where surface water is present, or to intertidal areas before the mean high water mark. Do not contaminate water when disposing of equipment washwaters.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation. Do not apply this product in a way that will contact workers or other persons, either directly or indirectly or through drift. Only protected handlers may be in the area during application.

SEE BACK PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS

ACCEPTED
 REG. NO. 5481-91
 JAN 19 1999
 Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under 5481-91
 EPA Reg. No. 5481-91
 91-Durham981112R1

EPA EST. NO. 5481-CA-1

AMVAC CHEMICAL CORPORATION

1100 East Washington Boulevard, Los Angeles, CA 90023 U.S.A.

Net Weight _____ Pounds

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, forests, 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 protective equipment (PPE) and restricted-entry interval (REI). 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 of 12 hours. PPE required for early entry to treated areas permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water, is: long-sleeved shirt and long pants, waterproof gloves, and shoes plus socks.

NON-AGRICULTURAL USE REQUIREMENTS

The requirements of 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, forest, nurseries, or greenhouses. Confine pets during application to prevent them from believing they are being feed.

IMPORTANT: Read entire label. Use in accordance with precautionary statements and directions, and with applicable Federal and State regulations. DO NOT APPLY DIRECTLY ONTO PLANTS. Do not allow bait to contact the edible portion of any food crop.

USE PRECAUTIONS

Read entire label before using. Use only as a baiting treatment to be applied directly to the soil area beneath plants as listed on this label. Do not allow bait granules to come in contact with parts of plant that may be used for food or feed purposes. The grower is responsible for residues on his crops, as well as for damages caused by drift from his property to that of others. Do not allow drift to adjoining food, fiber or pasture crops. NOTE: DURHAM METALDEHYDE GRANULES 3.5 should never be applied to dry soil. Applications should be made following irrigation for best results. Apply any time of the day but evening applications are preferred. Do not re-water for 48 hours after application.

GENERAL INFORMATION

Snails and slugs are nocturnal and generally feed during the night damaging many varieties of plants and plant seedlings. They inhabit damp, moist areas around decaying refuse, organic matter, beneath boards, rocks and trash piles and hide at the base of growing plants. Their presence can be detected by the shiny trails left on the soil surface, sidewalks, driveways, etc.

APPLICATION RATE

For control of SNAILS and SLUGS in the following areas, use one pound to treat 1,100 to 1,500 sq. ft. of soil surface equivalent to 30 to 40 pounds granules per acre. Apply when first plant damage appears or is anticipated and repeat as needed for control.

FIELD CROPS

Cereal Grains (Barley, Oats, Wheat), Corn, Legumes (Alfalfa, Beans, Clover, Cowpeas, Peas), Mint: Apply up to 40 pounds per acre.

DICHONDRA AND/OR TURFGRASS LAWNS

Water infested area thoroughly before application. Broadcast DURHAM METALDEHYDE GRANULES 3.5 directly on lawn or turf. Spread evenly. One pound will cover up to 1,500 sq. ft. Do not re-water for 48 hours.

ORNAMENTAL PLANTS

ORNAMENTAL GARDENS, PLANTED BORDERS AND GROUND COVERS: Including Azaleas, Begonias, Camellias, Chrysanthemums, Daffodils, Daisies, Geraniums, Honeysuckle, Hydrangeas, Ice Plant, Impatiens, Iris, Marigolds, Pansies, Petunias, Rhododendron, Roses, Sweet Peas, Snapdragons, Spathiphyllum, Tulips. Water the infested area thoroughly before application. Broadcast or sprinkle DURHAM METALDEHYDE GRANULES 3.5 evenly over the infested areas and along edges of flowerbeds adjacent to border or ground cover plants. Also apply on ground at base of fences and walls in shady, protected locations. One pound will cover up to 1,100 sq. ft. Do not re-water for 48 hours.

ORNAMENTAL GREENHOUSES

Water or irrigate greenhouse soil to be treated before application. Broadcast DURHAM METALDEHYDE GRANULES 3.5 liberally around greenhouse, under benches in greenhouse and around plants; any place where SNAILS and SLUGS might congregate. Do not apply directly to plants unless prior experience has shown the plant to be tolerant to this product. Most plants are tolerant to DURHAM METALDEHYDE GRANULES 3.5, however, some slight tip burning has been noticed on extremely tender orchids. One pound will cover up to 1,100 sq. ft. Do not re-water for 48 hours. NOTE: This product has proven to have a reasonable residual control; however, for heavily infested greenhouses, a second application is recommended 7 to 10 days following the first application to bring the house under control.

SEED CROPS

Flowers, Grasses, Legumes (Alfalfa, Beans, Clover, Peas), Sugar Beets, and Vegetables (Beets, Cabbage, Carrots, Cauliflower, Collards, Kale, Kohlrabi, Lettuce, Mustard, Radish, Spinach, Swiss Chard, Tobacco, Turnips): Apply up to 40 pounds per acre.

SMALL FRUITS AND BERRIES

Blackberries, Blueberries, Cranberries, Loganberries, Raspberries, Strawberries, Grapes: Apply up to 40 pounds per acre.

TREE CROPS

Apples, Apricots, Avocados, Cherries, Peaches, Pears, Citrus (Oranges, Lemons, Grapefruit, etc.): Broadcast liberally under trees, around irrigation pipes, farm buildings and any other place where SLUGS and SNAILS may congregate. Apply up to 40 pounds per acre.

VEGETABLE CROPS AND GARDENS

Asparagus, Beans, Beets, Blackeyed Peas, Broccoli, Brussels Sprouts, Cabbage, Cantaloupe, Cauliflower, Cucumbers, Eggplant, Endive, Garlic, Ginseng, Horseradish, Kale, Kohlrabi, Leeks, Lettuce, Melons, Mustard Greens, Okra, Onions, Parsnips, Peas, Peppers, Pimentos, Potatoes, Pumpkins, Radishes, Rhubarb, Rutabagas, Salsify, Shallots, Spinach, Squash, Sweet Potatoes, Swiss Chard, Tomatoes, Turnips, Watermelons: Apply up to 40 pounds per acre or up to one pound per 1,100 sq. ft. For Artichokes: Apply 30 to 70 pounds per acre. Before tight bud stage, apply by air or ground application. After tight bud stage, apply by ground application only.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal. **STORAGE:** Store product in original labeled container in a cool, dry, locked place out of the reach of children. Keep container tightly closed when not in use. Do not store in direct sunlight. **PESTICIDE DISPOSAL:** Wastes resulting from the use of this product may be disposed of on-site or at an approved waste disposal facility. **CONTAINER DISPOSAL:** Completely empty bag into application equipment. Then dispose of empty bag in a sanitary landfill, or by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

IMPORTANT: PLEASE READ BEFORE USE

By using this product, the user accepts the following LIMITED WARRANTY:

AMVAC warrants that (a) this product conforms to the chemical description on its label; (b) this product is reasonably fit for the purposes stated on its label, subject to the inherent risks referred to herein, when used accordingly to the directions; and (c) that the directions, warnings, cautions, and other statements on this label are based upon reliable expert's evaluations of reasonable tests of effectiveness, of toxicity to laboratory animals and plants, of residues on food crops, and upon reports of field experience. Testing has not been performed on all varieties of food crops, and plants, in all states, or under all applications, weather and crop conditions.

There are no expressed warranties other than those set forth herein. AMVAC neither makes nor intends, nor does it authorize any agent or representative to make, any other warranty, expressed or implied. AMVAC expressly excludes and disclaims all implied warranties of merchantability, fitness for particular purpose, or any other warranty of quality or performance. This warranty does not extend to, and the user shall be solely responsible for, any loss or damage which results from the use of this product in any manner which is inconsistent with this label's directions, warnings or cautions.

User's exclusive remedy and AMVAC's or Seller's exclusive liability for any claim, loss, damage, or injury resulting from the use or handling of this product, whether or not based in contract, negligence, strict liability in tort, or otherwise shall be limited, at AMVAC's option, to replacement of, or repayment of the purchase prices for, the quantity of product with respect to which damages are claimed. In no event shall AMVAC or Seller be liable for special, indirect, or consequential damages resulting from the use or handling of this product.

FOR THE FOLLOWING EMERGENCIES, PHONE 24 HOURS A DAY

Transportation: CHEMTREC..... 1-800-424-9300
Medical: HAZARD INFORMATION SERVICES (HIS)..... 1-800-228-5635 ext. 169

PM 04
5481-91
01-19-99

PM 04
4 of 6

TRAIL'S END™ 3.5

A SOIL SURFACE TREATMENT FOR CONTROL OF SNAILS AND SLUGS IN FIELD CROPS - DICHONDRA & TURFGRASS LAWNS - ORNAMENTAL PLANTS & GREENHOUSES - SEED CROPS - SMALL FRUITS & BERRIES - TREE CROPS - VEGETABLE CROPS & GARDENS

ACTIVE INGREDIENT:

Metaldehyde (2,4,6,8-tetramethyl-1,3,5,7-tetraoxocyclo-octane)	3.5%
INERT INGREDIENTS:	96.5%
Total	100.0%

**KEEP OUT OF REACH OF CHILDREN
CAUTION**

STATEMENT OF PRACTICAL TREATMENT

- IF SWALLOWED:** DO NOT induce vomiting. Call a physician or Poison Control Center immediately.
- IF ON SKIN:** Wash with soap and warm water.
- IF IN EYES:** Flush with flowing water. Get medical attention if irritation persists.

**THIS PESTICIDE MAY BE FATAL TO DOGS OR OTHER PETS IF EATEN
KEEP PETS OUT OF TREATED AREAS**

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DO NOT TAKE INTERNALLY. DO NOT GET IN EYES. DO NOT GET ON SKIN.

CAUTION: May be harmful if swallowed, inhaled, or absorbed through the skin. Do not breathe dust, get in eyes, on skin or on clothing. If poisoning occurs, obtain prompt medical aid. Keep granules away from dogs and pets. Bait may be attractive to dogs. Confine pets during application to prevent them from believing they are being fed.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Applicators and other handlers must wear long-sleeved shirt and long pants; waterproof gloves; socks; and shoes. Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

User Safety Recommendations

User should: Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. 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

Do not apply directly to water, or to areas where surface water is present, or to intertidal areas before the mean high water mark. Do not contaminate water when disposing of equipment washwaters.

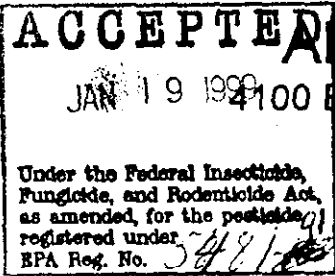
DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation. Do not apply this product in a way that will contact workers or other persons, either directly or indirectly or through drift. Only protected handlers may be in the area during application.

SEE BACK PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS

EPA REG. NO. 5481-91

EPA EST. NO. 5481 CA: 1



AMVAC CHEMICAL CORPORATION

100 East Washington Boulevard, Los Angeles, CA 90023 U.S.A.

Net Weight _____ Pounds

91-Trail58112R1

PM 5 of 6
2 of 3
5 of 6

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, forests, 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 protective equipment (PPE) and restricted-entry interval (REI). 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 of 12 hours. PPE required for early entry to treated areas permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water, is: long-sleeved shirt and long pants, waterproof gloves, and shoes plus socks.

NON-AGRICULTURAL USE REQUIREMENTS

The requirements of 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, forest, nurseries, or greenhouses. Confine pets during application to prevent them from believing they are being feed.

IMPORTANT: Read entire label. Use in accordance with precautionary statements and directions, and with applicable Federal and State regulations. DO NOT APPLY DIRECTLY ONTO PLANTS. Do not allow bait to contact the edible portion of any food crop.

USE PRECAUTIONS

Read entire label before using. Use only as a baiting treatment to be applied directly to the soil area beneath plants as listed on this label. Do not allow bait granules to come in contact with parts of plant that may be used for food or feed purposes. The grower is responsible for residues on his crops, as well as for damages caused by drift from his property to that of others. Do not allow drift to adjoining food, fiber or pasture crops. NOTE: TRAIL'S END 3.5 should never be applied to dry soil. Applications should be made following irrigation for best results. Apply any time of the day but evening applications are preferred. Do not re-water for 48 hours after application.

GENERAL INFORMATION

Snails and slugs are nocturnal and generally feed during the night damaging many varieties of plants and plant seedlings. They inhabit damp, moist areas around decaying refuse, organic matter, beneath boards, rocks and trash piles and hide at the base of growing plants. Their presence can be detected by the shiny trails left on the soil surface, sidewalks, driveways, etc.

APPLICATION RATE

For control of SNAILS and SLUGS in the following areas, use one pound to treat 1,100 to 1,500 sq. ft. of soil surface equivalent to 30 to 40 pounds granules per acre. Apply when first plant damage appears or is anticipated and repeat as needed for control.

FIELD CROPS

Cereal Grains (Barley, Oats, Wheat), Corn, Legumes (Alfalfa, Beans, Clover, Cowpeas, Peas), Mint: Apply up to 40 pounds per acre.

DICHONDRA AND/OR TURFGRASS LAWNS

Water infested area thoroughly before application. Broadcast TRAIL'S END 3.5 directly on lawn or turf. Spread evenly. One pound will cover up to 1,500 sq. ft. Do not re-water for 48 hours.

ORNAMENTAL PLANTS

ORNAMENTAL GARDENS, PLANTED BORDERS AND GROUND COVERS: Including Azaleas, Begonias, Camellias, Chrysanthemums, Daffodils, Daisies, Geraniums, Honeysuckle, Hydrangeas, Ice Plant, Impatiens, Iris, Marigolds, Pansies, Petunias, Rhododendron, Roses, Sweet Peas, Snapdragons, Spathiphyllum, Tulips. Water the infested area thoroughly before application. Broadcast or sprinkle TRAIL'S END 3.5 evenly over the infested areas and along edges of flowerbeds adjacent to border or ground cover plants. Also apply on ground at base of fences and walls in shady, protected locations. One pound will cover up to 1,100 sq. ft. Do not re-water for 48 hours.

ORNAMENTAL GREENHOUSES

Water or irrigate greenhouse soil to be treated before application. Broadcast TRAIL'S END 3.5 liberally around greenhouse, under benches in greenhouse and around plants; any place where SNAILS and SLUGS might congregate. Do not apply directly to plants unless prior experience has shown the plant to be tolerant to this product. Most plants are tolerant to TRAIL'S END 3.5, however, some slight tip burning has been noticed on extremely tender orchids. One pound will cover up to 1,100 sq. ft. Do not re-water for 48 hours. NOTE: This product has proven to have a reasonable residual control; however, for heavily infested greenhouses, a second application is recommended 7 to 10 days following the first application to bring the house under control.

PM 4
6 of 6

SEED CROPS

Flowers, Grasses, Legumes (Alfalfa, Beans, Clover, Peas), Sugar Beets, and Vegetables (Beets, Cabbage, Carrots, Cauliflower, Collards, Kale, Kohlrabi, Lettuce, Mustard, Radish, Spinach, Swiss Chard, Tobacco, Turnips): Apply up to 40 pounds per acre.

SMALL FRUITS AND BERRIES

Blackberries, Blueberries, Cranberries, Loganberries, Raspberries, Strawberries, Grapes: Apply up to 40 pounds per acre.

TREE CROPS

Apples, Apricots, Avocados, Cherries, Peaches, Pears, Citrus (Oranges, Lemons, Grapefruit, etc.): Broadcast liberally under trees, around irrigation pipes, farm buildings and any other place where SLUGS and SNAILS may congregate. Apply up to 40 pounds per acre.

VEGETABLE CROPS AND GARDENS

Asparagus, Beans, Beets, Blackeyed Peas, Broccoli, Brussels Sprouts, Cabbage, Cantaloupe, Cauliflower, Cucumbers, Eggplant, Endive, Garlic, Ginseng, Horseradish, Kale, Kohlrabi, Leeks, Lettuce, Melons, Mustard Greens, Okra, Onions, Parsnips, Peas, Peppers, Pimentos, Potatoes, Pumpkins, Radishes, Rhubarb, Rutabagas, Salsify, Shallots, Spinach, Squash, Sweet Potatoes, Swiss Chard, Tomatoes, Turnips, Watermelons: Apply up to 40 pounds per acre or up to one pound per 1,100 sq. ft. For Artichokes: Apply 30 to 70 pounds per acre. Before tight bud stage, apply by air or ground application. After tight bud stage, apply by ground application only.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal. **STORAGE:** Store product in original labeled container in a cool, dry, locked place out of the reach of children. Keep container tightly closed when not in use. Do not store in direct sunlight. **PESTICIDE DISPOSAL:** Wastes resulting from the use of this product may be disposed of on-site or at an approved waste disposal facility. **CONTAINER DISPOSAL:** Completely empty bag into application equipment. Then dispose of empty bag in a sanitary landfill, or by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

IMPORTANT: PLEASE READ BEFORE USE

By using this product, the user accepts the following **LIMITED WARRANTY:**

AMVAC warrants that (a) this product conforms to the chemical description on its label; (b) this product is reasonably fit for the purposes stated on its label, subject to the inherent risks referred to herein, when used accordingly to the directions; and (c) that the directions, warnings, cautions, and other statements on this label are based upon reliable expert's evaluations of reasonable tests of effectiveness, of toxicity to laboratory animals and plants, of residues on food crops, and upon reports of field experience. Testing has not been performed on all varieties of food crops, and plants, in all states, or under all applications, weather and crop conditions.

There are no expressed warranties other than those set forth herein. AMVAC neither makes nor intends, nor does it authorize any agent or representative to make, any other warranty, expressed or implied. AMVAC expressly excludes and disclaims all implied warranties of merchantability, fitness for particular purpose, or any other warranty of quality or performance. This warranty does not extend to, and the user shall be solely responsible for, any loss or damage which results from the use of this product in any manner which is inconsistent with this label's directions, warnings or cautions.

User's exclusive remedy and AMVAC's or Seller's exclusive liability for any claim, loss, damage, or injury resulting from the use or handling of this product, whether or not based in contract, negligence, strict liability in tort, or otherwise shall be limited, at AMVAC's option, to replacement of, or repayment of the purchase prices for, the quantity of product with respect to which damages are claimed. In no event shall AMVAC or Seller be liable for special, indirect, or consequential damages resulting from the use or handling of this product.

FOR THE FOLLOWING EMERGENCIES, PHONE 24 HOURS A DAY

Transportation: CHEMTREC.....1-800-424-9300
Medical: HAZARD INFORMATION SERVICES (HIS)..... 1-800-228-5535 ext. 169

TRAIL'S END™ 3.5 is a trademark of Amvac Chemical Corporation.