STATE OF HAWAII
Department of Agriculture
ACCEPTED
LICENSE NO.
9521.31

Durham®

Metaldehyde Granules 3.5

A SOIL SURFACE TREATMENT FOR CONTROL OF SNAILS AND SLUGS AROUND: ORNAMENTALS, LISTED SMALL FRUITS & BERRIES, CITRUS, LISTED VEGETABLE CROPS, AND GRASS GROWN FOR SEED.

ACTIVE INGREDIENT:
Metaldehyde (2,4,6,8-tetramethyl-1,3,5,7-tetraoxycyclo-octane) 3.5%
INERT INGREDIENTS: 96.5%
TOTAL: 100.0%

KEEP OUT OF REACH OF CHILDREN
CAUTION

FIRST AID

If swallowed:	• Call a poison control center or doctor immediately for treatment advice. • Have person sip a glass of water if able to swallow. • Do not induce vomiting unless told to by a poison control center or doctor. • Do not give anything by mouth to an unconscious person.
If on skin or clothing:	• 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 contact lenses, if present, after the first 5 minutes, then continue rinsing eye. • Call a poison control center or doctor for treatment advice.
If inhaled:	• Move person to fresh air. • If person is not breathing, call 911 or ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible. • Call a poison control center or doctor for further treatment advice.

EMERGENCY INFORMATION

Have the product container or label with you when calling a poison control center or doctor, or going for treatment.
FOR THE FOLLOWING EMERGENCIES, PHONE 24 HOURS A DAY:
For Medical Emergencies phone: 1-888-681-4261
For Transportation Emergencies, including spill, leak or fire, phone: CHEMTREC 1-800-424-9300
For Product Use Information phone : AMVAC 1-888-462-6822

Seek medical care as soon as possible after exposure. For incidents involving animals, seek veterinary care as soon as possible after exposure. Have the product container or label with you when you call a poison control center or doctor or veterinarian, or when going for treatment. For information on this pesticide product (including health concerns, medical emergencies, treatment advice, or pesticide incidents), call the National Pesticide Information Center at 1-800-858-7378 or call AMVAC at 1-888-462-6822.

Metaldehyde is a systemic toxin. There is no antidote. The following instructions are intended for laypeople. There is no home treatment. Exposed individuals and animals should receive emergency care as quickly as possible.

NOTE TO PHYSICIAN

Dust inhalation is usual route of accidental exposure; the product is rarely ingested. Treatment is symptomatic and supportive. Monitor severe exposures closely: seizures, electrolyte imbalances, acidoses, dehydration, and increased body temperature have been reported.

NOTE TO VETERINARIAN

Animals typically are exposed via ingestion. Treatment is symtomatic and supportive. If significant ingestion is suspected, and the animal is asymptomatic, consider induction of emesis or gastric lavage and administration of activated charcoal, cathartic and enema to limit absorption. Monitor asymptomatic and symptomatic animals closely. Treat seizures, electrolyte imbalances, acidosis, dehydration, and increased body temperature. Monitor liver function post recovery.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION: Harmful if swallowed. Harmful if absorbed through skin. Harmful if inhaled. Causes moderate eye irritation. Avoid contact with skin, in eyes, or on clothing. Avoid breathing dust.

IMPORTANT: This product can be harmful to children and fatal to domestic animals when ingested. Children and dogs may be attracted to the product. Application of this product is prohibited unless children and domestic animals can be excluded from the treated area from the start of the application until applied material is no longer visible.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Mixers, loaders, applicators, and other handlers must wear: • Long-sleeved shirt and long pants
• Shoes plus socks

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. Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them.

USER SAFETY RECOMMENDATIONS

Users should:
- Wash hands before eating, drinking, and chewing gum, using tobacco or using the toilet.
- Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Remove clothing/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 pesticide is toxic to mollusks (e.g, clams, oysters, scallops, mussels). Do not apply directly to water, to areas where surface water is present, or to intertidal areas below the mean high water mark. Drift and runoff may be hazardous to aquatic organisms in water adjacent to treated areas. Do not contaminate water when disposing of equipment wash waters or rinsate.

This pesticide is toxic to birds and mammals. Granules on soil surface may be hazardous to terrestrial wildlife. Cover or collect any such materials spilled during loading.

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 through drift. Only protected handlers may be in the area during application.

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.

FOR STATE AND/OR FEDERAL INVASIVE MOLLUSK ERADICATION OPERATIONS

This product may be used only on the following use sites in response to State and/or Federal invasive mollusk eradication operations. Broadcast applications of this product may be made to the following use-sites for State and/or Federal invasive mollusk eradication operations: fallow land; barrier strips; uncultivated non-agricultural areas; recreational areas; non-food or non-feed brush; weed or dense vegetative areas; railroad, pipeline, highway, power and telephone rights of way and roadsides; guardrails and fences; lumberyards; storage areas; seaports; industrial facility sites, including yards and walkways around industrial buildings, parking areas, parks, golf courses, other public areas; and airport and similar industrial non-crop areas. This product may be applied for State and/or Federal invasive mollusk eradication operations at an individual application rate of no more than 2 lb ai/A, and at no more than 6 applications/year.

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. Exception: if the product is soil-injected or soil-incorporated, the Worker Protection Standard, under certain circumstances, allows workers to enter the treated areas without restriction if there will be no contact with anything that has been treated.

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:
- Coveralls
- Chemical-resistant gloves made of any waterproof material
- Shoes plus socks

EPA REG. NO. 5481-91 **EPA EST. NO. 5481-CA-1**

PRECAUTIONS AND RESTRICTIONS

This product is intended solely for use on agricultural crops grown for commercial or research purposes and in State and/or Federal invasive mollusk eradication operations. This product may not be applied to residential sites (i.e., in yards, gardens, around homes and apartments) and other sites such as the exterior areas around schools and daycare facilities, and athletic fields, playgrounds, parks, recreation areas, etc.

Broadcast applications and applications of this product directed to plant parts are prohibited except to grass grown for seed and as specified for use in State and/or Federal invasive mollusk eradication operations.

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 plants. 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. For best results irrigate prior to application. Apply any time of the day but evening applications are preferred for increased snail or slug control. Do not re-water for 48 hours after application.

USE 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 rocks and hide at the base of growing plants. Their presence can be detected by the shiny trails left on the soil suface, sidewalks, driveways, etc.

APPLICATION RATES

For control of SNAILS and SLUGS in the following areas. Apply when first plant damage appears or is anticipated.

ARTICHOKES: When grown as a perennial, the maximum application rate is 1.0 lb. a.i. /A per application. A maximum of 6 applications are permitted per growing season at a minimum retreatment interval of 18 days. When grown as an annual, the maximum application rate is 1.0 lb. a.i. /A per application. A maximum of 2 applications are permitted per growing season at a minimum retreatment interval of 18 days.

BLUEBERRIES: The maximum application rate is 0.8 lb. a.i. /A per application. A maximum of 3 applications are permitted per growing season at a minimum retreatment interval of 14 days.

CANEBERRIES (BINGLEBERRY, BLACK RASPBERRY, BLACKBERRY, BOYSENBERRY, DEWBERRY, LOWBERRY, MARIONBERRY, OLALLIEBERRY, RED RASPBERRY, YOUNGBERRY) AND OTHER BERRIES (CURRANT, ELDERBERRY, GOOSEBERRY, HUCKLEBERRY, LOGANBERRY, LINGONBERRY, JUNEBERRY, SALAL): The maximum application rate is 0.8 lb. a.i./A per application. A maximum of 3 applications are permitted per growing season at a minimum retreatment interval of 14 days.

CITRUS: The maximum application rate is 1.0 lb. a.i. /A per application. A maximum of 6 applications are permitted per growing season at a minimum retreatment interval of 14 days. Apply in a band under tree canopy, by hand or with commercial application equipment designed for banded application of granular products. Do not apply as a wide-area broadcast.

LETTUCE, COLE CROPS, AND OTHER LEAFY GREENS (BROCCOLI, BRUSSELS SPROUTS, CABBAGE, CAULIFLOWER, CAVALO, BROCCOLO, COLLARDS, KALE KOHLRABI, MIZUNA, MUSTARD GREENS, SPINACH, RAPE GREENS): The maximum application rate is 1.0 lb. a.i. /A per application. A maximum of 3 applications are permitted per growing season at a minimum retreatment interval of 14 days.

GRASS GROWN FOR SEED: The maximum application rate is 0.8 lb. a.i. /A per application. A maximum of 4 applications are permitted per growing season at a minimum retreatment interval of 21 days. Applications to turf grass (other than grass grown for seed or in State and/or Federal invasive mollusk eradication operations) are prohibited.

ORNAMENTAL PLANTS: The maximum application rate is 1.0 lb. a.i. /A per application. A maximum of 6 applications are permitted per growing season at a minimum retreatment interval of 21 days.

STRAWBERRIES: The maximum application rate is 1.0 lb. a.i. /A per application. A maximum of 3 applications are permitted per growing season at a minimum retreatment interval of 14 days. Applications to strawberries grown as annuals are prohibited.

TOMATOES: The maximum application rate is 1.0 lb. a.i. /A per application. A maximum of 3 applications are permitted per growing season at a minimum retreatment interval of 14 days.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage and disposal.
PESTICIDE STORAGE: This product can be fatal to children and dogs (and other domestic animals) if ingested. Dogs have been known to ingest metaldehyde after opening or tearing the packaging. Store this product in its original packaging, in a cool, secure location, and out of the reach of children and pets.

PESTICIDE DISPOSAL: To avoid wastes, use all material in this container by application according to label directions. If wastes cannot be avoided, offer remaining product to a waste disposal facility or pesticide disposal program (often such programs are run by state or local governments or by industry).
CONTAINER DISPOSAL: Nonrefillable container. Do not reuse or refill this container. Completely empty bag into application equipment. When completely empty, offer for recycling, if available or 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.

LIMITED WARRANTY AND DISCLAIMER

The manufacturer warrants (a) that this product conforms to the chemical description on the label; (b) that this product is reasonably fit for the purposes set forth in the directions for use, subject to the inherent risks referred to herein, when it is used in accordance with such directions; and (c) that the directions, warnings, and other statements on this label are based upon responsible experts' evaluations of reasonable tests of effectiveness, of toxicity to laboratory animals and to plants and residues on food crops, and upon reports of field experience. Tests have not been made on all varieties of food crops and plants, or in all states or under all conditions.

THERE ARE NO EXPRESS WARRANTIES OTHER THAN THOSE SET FORTH HEREIN. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW THE MANUFACTURER NEITHER MAKES NOR INTENDS, NOR DOES IT AUTHORIZE ANY AGENT OR REPRESENTATIVE, TO MAKE ANY OTHER WARRANTIES, EXPRESS OR IMPLIED, AND IT EXPRESSLY EXCLUDES AND DISCLAIMS ALL IMPLIED WARRANTIES OF MERCHANTABILITY OF FITNESS FOR A PARTICULAR PURPOSE, OR ANY WARRANTY OF QUALITY OR PERFORMANCE. THIS WARRANTY DOES NOT EXTEND TO, AND THE BUYER SHALL BE SOLELY RESPONSIBLE FOR, ANY AND ALL LOSS OR DAMAGE WHICH RESULTS FROM THE USE OF THIS PRODUCT IN ANY MANNER WHICH IS INCONSISTENT WITH THE LABEL DIRECTIONS, WARNINGS OR CAUTIONS.

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FREIGHT SHIPPING BAG
Meeting requirements of
APPLICABLE FREIGHT CLASSIFICATION
Guaranteed by
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353416-01 10-12
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NET WEIGHT: 50 POUNDS

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