

PEST	SPECIFIC INSTRUCTIONS
Ants	Apply as a pinstream, as a fine/coarse, low-pressure spray (20 psi or less), as a spot treatment, or with a paintbrush. Treat where pests are found or entry points of the structure such as window and door frames and along the foundation.
Ant Mounds ¹	
Fireants ¹	¹ Drench Method: Apply 1 to 2 gallons of emulsion to each mound area by sprinkling the mound until it is wet and treat a 4-foot diameter circle around the mound. Use the higher volume for mounds larger than 12 inches. For best results, apply in cool weather, such as in early morning or late evening hours, but not in the heat of the day.
Bark Beetles ³	
Borers ³	² Boxelder Bugs, Elm Leaf Beetles, Gypsy Moth Caterpillars, Seed Bugs: Spray tree trunks, building siding, or wherever pests congregate, to the point of runoff.
Boxelder Bugs ²	
Centipedes	³ Borers and Bark Beetles: To prevent infestation of trees and woody ornamentals, spray the bark to the point of runoff.
Crickets	
Mole Crickets	⁴ Fleas and Ticks: Mix 2.5 to 5.0 ounces of GROUND ASSAULT in 16 to 100 gallons of water and apply to 4,000 square feet of lawn. Use the lower rate to knock down existing fleas and the higher rate where faster knockdown or greater residual is desired.
Elm Leaf Beetles ²	
Fleas ⁴	
Ground Beetles	
Gypsy Moths (Adult & Caterpillars) ²	
Millipedes	
Scorpions	
Sowbugs	
Spiders	
Ticks ⁴	
Chinchbugs	
Pill Bugs	

PEST CONTROL INDOORS

Food Handling Establishments: Places other than private residences in which food is held, processed, prepared, or served.

Food/Feed Areas: GROUND ASSAULT is not labeled for use in food/feed areas. Do not use in food/feed areas of food/feed handling establishments, restaurants, or other areas where food/feed is commercially prepared or processed. Do not use in service areas while food is exposed or facility is in operation. Service areas are areas where prepared foods are served such as dining rooms but excluding areas where foods may be prepared or held. Exposed food should be covered or removed. Not for use in Federally inspected Meat and Poultry Plants.

Nonfood/Feed Areas: Includes garbage rooms, lavatories, floor drains (to sewers), entries and vestibules, offices, locker rooms, machine rooms, garages, mop closets, and storage (after canning or bottling). All areas where insects hide or through which insects may enter should be treated.

Use GROUND ASSAULT to control pests listed in the following table by application of a 0.50% emulsion.

PEST	SPECIFIC INSTRUCTIONS
Fire Ants	Apply crack and crevice, as a pinstream, as a fine/coarse, low-pressure spray (20 psi or less), spot application, or with a paint brush. Treat where pests are found or normally occur, such as cracks and crevices in walls, in and around kitchen cabinets and drawers, along baseboards, behind sinks, and around plumbing and other utility installations.
Flies	
Such as:	
Drain, Cluster, House	

GENERAL PRECAUTIONS AND RESTRICTIONS

- Do not use in food or feed areas of food handling establishments, restaurants, or other areas where food or feed is commercially prepared or processed. Do not use in serving areas while food is exposed or facility is in operation. Serving areas are areas where prepared food is served such as dining rooms but excluding areas where food may be prepared or held.
- Nonfood/feed areas are areas such as garbage rooms, lavatories, floor drains (to sewers), entries and vestibules, offices, locker rooms, machine rooms, boiler rooms, garages, mop closets, and storage (after bottling or canning).
- Not for use in Federally inspected meat and poultry plants.
- DO NOT APPLY THIS PRODUCT TO EDIBLE CROPS.
- Do not apply in warehouses where raw or cured tobacco is stored.

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- Do not apply in warehouses while raw agriculture commodities for food or feed are being stored.
- Do not allow spray to contact food, foodstuffs, food contacting surface, food utensils, or water supplies.
- Thoroughly wash dishes and food handling utensils with soap and water if they become contaminated by application of this product.
- Do not apply to pets, crops, firewood, or sources of electricity.
- Do not allow people or pets on treated surfaces, such as carpets, until the spray has dried.
- Do not use concentrate or emulsion in fogging equipment.
- During indoor surface application, do not allow dripping or runoff to occur.
- Do not apply this product in any rooms being used as living, eating, sleeping, or recovery area by patients, the elderly, or infirm when they are in the room.
- Do not apply when occupants are present in the immediate area in institutions such as libraries, sport facilities, etc.
- Do not apply to classrooms when in use.
- Do not touch treated surface until dry.

SPRAY DILUTIONS*		
Concentration Of A.I.	Amount of GROUND ASSAULT	Amount of Water
0.25%	1.3 fl. oz.	1 gal.
0.25%	2 qts.	49.5 gals.
0.25%	1 gal.	99 gals.
0.50%	2 gals.	98 gals.
0.50%	2.6 fl. oz.	1 gal.
1.0%	4 gals.	98 gals.
2.0%	10.4 fl. oz.	1 gal.
2.0%	8 gals.	98 gals.

*Fill sprayer with the desired volume of water and add GROUND ASSAULT. Close spray container and shake or agitate before use to ensure proper mixing. Make up diluted material only as required.

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage and disposal.

PESTICIDE STORAGE: Store in a cool, dry area. Post as a pesticide storage area. Always store pesticides in the original container. Store away from food, pet food, feed, seed, fertilizers, and veterinary supplies. Place liquid formulations on lower shelves and dry formulations above. Keep container closed when not in use. Protect from freezing. In case of spill or leak on floor or paved surfaces, soak up with sand, earth, or synthetic absorbent. Remove to chemical waste area.

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 HANDLING: Nonrefillable container. Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container 1/4 full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Then offer for recycling if available, or puncture and dispose of in a sanitary landfill or by incineration. Do not burn unless allowed by state and local ordinances.

Not for Resale
1182CMGA
1M003

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GROUND ASSAULT™



LICENSED

PERIOD 2013-2015 LIC. NO.

9916.82
Disc.

ACTIVE INGREDIENT

*Permethrin (3-phenoxyphenyl)methyl(±)-cis,trans-3-(2,2-dichloroethenyl)-2,2-dimethylcyclopropanecarboxylate 25.6%

OTHER INGREDIENTS 74.4%

TOTAL 100.0%

*Cis,trans ratio: Min. 35% (±) cis and max 65% (±) trans
GROUND ASSAULT contains 2 pounds active ingredient per gallon.

EPA Reg. No. 1021-1753-66114

EPA Est. No. 1021-MN-2

KEEP OUT OF REACH OF CHILDREN

CAUTION

(See inside panel for additional precautions)



Department of Agriculture
STATE OF HAWAII

LICENSED

PERIOD 2010-2012 LIC. NO.

NET CONTENTS: 1 Gallon [3.78 Liters]

Packed for
CHECK-MARK™
A Division of DM Resources, Inc.
1310 E. Northgate Drive
Irving, TX 75062
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TO REORDER, Call TOLL-FREE:
1-800-527-9919
FAX: 1-972-438-0634

FIRST AID	
IF SWALLOWED:	<ul style="list-style-type: none"> If victim is alert and not convulsing, rinse mouth out and give 200-300 mL (1 cup) of water to dilute material. IMMEDIATELY contact your local Poison Control Center. Vomiting should only be induced under the direction of a physician or a Poison Control Center. If spontaneous vomiting occurs, have victim lean forward with head down to avoid breathing in vomitus, rinse mouth and administer more water. IMMEDIATELY transport victim to emergency facility. Do not give anything by mouth to an unconscious person.
IF IN EYES:	<ul style="list-style-type: none"> 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 ON SKIN OR CLOTHING:	<ul style="list-style-type: none"> 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.
<p>Have the product container or label with you when calling a poison control center or doctor, or going for treatment. For information regarding medical emergencies or pesticide incidents, call 1-888-740-8712.</p>	

**PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS
CAUTION**

Harmful if swallowed, absorbed through skin or inhaled. Causes eye irritation. Avoid contact with eyes, skin or clothing. Avoid breathing vapor or spray mist. Wash thoroughly with soap and water after handling and before eating, drinking or using tobacco. Remove and wash contaminated clothing before reuse.

PERSONAL PROTECTIVE EQUIPMENT

All pesticide handlers (mixers, loaders, and applicators) must wear a waterproof apron or long-sleeved shirt and long pants, socks, shoes and chemical-resistant gloves. Regular work shirts, pants, socks, shoes and waterproof gloves are sufficient after the product is diluted in accordance with label directions for use and/or when mixing and loading using a closed spray tank transfer system or an in-line injector system. In addition, all pesticide handlers must wear a respiratory protection device¹ when working in a non-ventilated space, all pesticide handlers must wear protective eyewear (goggles and/or a face shield and/or shielded safety glasses with front, brow and temple protection) when working in a non-ventilated space or when applying termiticide by rodding or sub-slab injection.

¹ Use one of the following Mine Safety and Health Administration (MSHA) National Institute for Occupational Safety and Health Administration (NIOSH) respirator types with approval number prefixes:

- TC-21C (Dust/mist filtering)
- TC-19C (Supplied-air)
- TC-13F (Self-contained breathing apparatus (SCBA))
- TC-14G (Organic-vapor removing with pre-filter for removing pesticides)

When treating adjacent to an existing structure, the applicator must check the area to be treated, and immediately adjacent areas of the structure, for visible and accessible cracks and holes to prevent any leaks or significant exposures to persons occupying the structure. People present or residing in the structure during application must be advised to remove their pets and themselves from the structure if they see any signs of leakage. After application, the applicator is required to check for leaks. All leaks resulting in the deposition of termiticide in locations other than those prescribed on this label must be cleaned up prior to leaving the application site. Do not allow people or pets to contact contaminated areas of the structure until the cleanup is completed.

ENVIRONMENTAL HAZARDS

This pesticide is extremely toxic to fish. Use with care when applying in areas adjacent to any body of water. 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 treated areas. Do not contaminate water when cleaning equipment or disposing of equipment washwaters. This product is highly toxic to bees exposed to direct treatment or residues on crops or weeds. Do not apply GROUND ASSAULT, or allow it to drift to crops or weeds on which bees are actively foraging. Additional information may be obtained from Cooperative Extension Service. Apply this

product only as specified on this label.

PHYSICAL OR CHEMICAL HAZARDS

Do not use or store near heat or open flame.

DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling. Do not use in commercial greenhouses or nurseries. Not for use on plants or turf being grown for sale or other commercial use, or for commercial seed production, or for research purposes. Do not use on food or feed crops. For use on plants intended for aesthetic purposes or climate modification and being grown in interior landscapes, ornamentals, gardens or parks, or lawns and grounds.

GENERAL INFORMATION FOR INDOOR/OUTDOOR PEST CONTROL

GROUND ASSAULT is to be used for residual pest control in and on buildings and structures and their immediate surroundings and on modes of transport. Permitted areas of use include, but are not limited to, industrial buildings, apartment buildings, laboratories, buses, noncommercial greenhouses, and the nonfood/feed areas of stores, warehouses, vessels, railcars, trucks, trailers, aircraft (cargo areas only), schools, nursing homes, hospitals (non-patient areas), restaurants, hotels, and food manufacturing, processing, and servicing establishments.

Do not tank mix this product with dichlorvos (DDVP) containing products. Can be tank mixed with Insect Growth Regulators (IGRs) or pyrethrin-containing products. When mixing GROUND ASSAULT with other products, observe all precautions and limitations on the labels of each product. To prepare the emulsion, dilute GROUND ASSAULT with water only. GROUND ASSAULT is an emulsifiable concentrate to be diluted with water and used to control pests in and around structures. The pests controlled are listed in the accompanying tables. GROUND ASSAULT may be used as a broadcast or spot application to carpeting, wood, lawns, and soil (crawl space and perimeter) and as a crack and crevice injection, or paint-on treatment. Crawl spaces are considered inside the structure. Consult tables for specific use instructions.

Control of Bees and Wasps Indoors: To control bees, wasps, hornets, and yellow jackets, apply a 0.50% emulsion. Application should be in late evening when insects are at rest. Spray liberally into hiding and breeding places, especially under attic rafters, contacting as many insects as possible. Repeat as necessary.

Control of Bees and Wasps Outdoors: To control bees, wasps, hornets, and yellow jackets, apply a 0.50% emulsion. Application should be made in late evening when insects are at rest. Aim spray at nest openings in ground, bushes, and in cracks and crevices which may harbor nests, saturating nest openings and contacting as many insects as possible.

RECOMMENDATION FOR CONTROL OF CLUSTER FLY

Apply GROUND ASSAULT to the outside of the structure. Mix 1 part GROUND ASSAULT to 5 parts deodorized lightweight mineral oil; apply to 1,000 square feet of wall area. Use a fogging apparatus which delivers the material in a strong air carrier, producing a small particle size. The apparatus should be held within 3 feet of the surface being treated. Apply only when air movement is less than 2 miles per hour. The surface treated should be dry at the time of application. Attics and unoccupied lofts should be treated at the same time and at the same rate.

LANDSCAPED LAWN AND ORNAMENTAL AREAS

GROUND ASSAULT may be used to control insect pests on ornamentals and lawns in landscaped areas around institutional, public, commercial, and industrial buildings, parks, recreational areas, and athletic fields. Apply GROUND ASSAULT when insects appear or feeding is noticed. The higher rate should be used as pest populations increase. Repeat the application as necessary to maintain control. Use sufficient water to obtain full coverage. GROUND ASSAULT has demonstrated excellent plant safety; however, not all cultivars have been tested. Before treating large numbers of plants of a particular cultivar, treat a few plants and observe prior to full scale application. **Precautions:** All application equipment must be properly maintained and calibrated using appropriate carriers.

Recommended Application Rates:

USE	PEST	RECOMMENDED RATE	SPECIFIC INSTRUCTIONS
ORNAMENTALS IN LANDSCAPED AREAS AROUND INSTITUTIONAL, PUBLIC, COMMERCIAL, AND INDUSTRIAL BUILDINGS, PARKS, RECREATIONAL AREAS, AND ATHLETIC FIELDS (including Trees, Shrubs, Flowers, Evergreens, Foliage Plants, and Ground Covers)	Ants, Aphids, Bagworms, Beet Armyworms, Cabbage Loopers, Citrus Thrips, Fungus Gnats, Heliopsis spp., Japanese Beetles, Lace Bugs, Leaf Feeding Caterpillars, Leafminers, Leafhoppers, Leafrollers, Lygus Bugs, Mealybugs, Root Weevils (Adult), Whiteflies	6.4 to 12.8 fl. oz. per 100 gallons	Apply sufficient volume of water to adequately cover foliage. Use higher rate for moderate to high infestations. Direct application to blooms may cause browning of petals. Marginal leaf burn may occur on Salvia, Dieffenbachia, and Pteris Fern.
LAWNS AROUND INSTITUTIONAL, PUBLIC, COMMERCIAL, AND INDUSTRIAL BUILDINGS, PARKS, RECREATIONAL AREAS, AND ATHLETIC FIELDS	Chinchbugs, Grubs, Pill Bugs, Sod Webworms (See also list of pests under "OUTSIDE SURFACES AND AROUND BUILDINGS")	0.64 to 1.28 fl. oz. per 1,000 ft. ²	Apply using sufficient water to provide adequate coverage. Do not apply more than 2 pounds active ingredient per acre per year.

OUTSIDE SURFACES AND AROUND BUILDINGS

Apply GROUND ASSAULT using a 0.50% emulsion as a residual treatment to outside surfaces of buildings including, but not limited to, exterior siding, foundations, porches, window frames, eaves, patios, garages, refuse dumps, lawn or grass adjacent or around apartment complexes, carports, garages, fence lines, storage sheds, barns, and other structures, commercial, industrial, and institutional buildings, soil, trunks of woody ornamentals, and other areas where pests congregate or have been seen. Repeat treatment as necessary to maintain effectiveness.

Keep children and pets off treated areas until dry. When making an application to vinyl siding, treat a small area and allow to dry. Some types of vinyl siding, particularly if aged or weathered, may show some staining after application to an emulsifiable concentrate product. **Barrier Treatment:** Apply 0.50% to a band of soil and vegetation 6 to 10 feet wide around and adjacent to the structure. Also, treat the foundation of the structure to a height of 2 to 3 feet. Use a treatment volume of 2 to 10 gallons per 1,000 square feet. Higher volumes of water may be needed if mulch or leaf litter is present or dense foliage.