

Martin's

DELTA-SHIELD

INSECT CONTROL

• Provides contact and residual control for up to 4 weeks • Use on lawns, flowers, shrubs, and ornamental plant beds • Contains Deltamethrin • Kills insects quickly • Controls surface feeding pests • Kills listed home invading & surface feeding insects • Kills fire ants on contact

Kills:	
Ants	Fiery Skipper
Armyworms	Fire Ants
Bear Tick	Flea Beetle (in Dichondra)
Bermudagrass Mites	Fleas
Billbugs (adult)	Grasshopper
Black Legged Tick	Hyperodes (Turfgrass weevil)
Boxelder Bugs	Japanese Beetle (adult)
Brown Dog Ticks	Lawn Moths
Centipedes	Leafhoppers
Chiggers	Lone Star Tick
Chinch Bugs	Adult Mealybugs
Clover Mites	Scorpions
Cockroaches	Silverfish & Firebrats
Crickets	Sod Webworms
Cutworms	Sowbugs
Darkling Ground Beetles	Spiders
Deer Tick (Ixodes dammint)	Spittlebugs
Digger Wasps	Springtails
Essex Skipper	Ticks
European Crane Fly Larvae	Vegetable Weevils (in Dichondra)
Field Crickets	Western Black Legged Tick (Ixodes pacificus)

ACTIVE INGREDIENT

Deltamethrin (CAS No. 52918-63-5)..... 0.10%

OTHER INGREDIENTS..... 99.90%

Total 100.00%

KEEP OUT OF REACH OF CHILDREN

CAUTION

STATEMENT OF PRACTICAL TREATMENT

IF SWALLOWED: Call a physician or Poison Control Center. Drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger. If person is unconscious, do not give anything by mouth and do not induce vomiting. IF IN EYES: Flush eyes with plenty of water. Call a physician if irritation persists.

PRECAUTIONARY STATEMENTS

Hazards To Humans and Domestic Animals

CAUTION— Harmful if swallowed. Causes moderate eye irritation. Avoid contact with eyes or clothing. Wash thoroughly with soap and water after handling. Food utensils such as spoons and measuring cups must not be used for food purposes after use in measuring pesticides. Do not allow children or pets on treated areas until granules have been watered into the soil and the grass or soil is dry.

ENVIRONMENTAL HAZARDS

This product is extremely toxic to fish and aquatic invertebrates (crabs, shrimp, etc.). Do not apply directly to water. Use with care when applying in areas adjacent to any body of water. Do not contaminate water when disposing of equipment washwater.

DIRECTIONS FOR USE

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

READ ENTIRE LABEL. USE STRICTLY IN ACCORDANCE WITH LABEL PRECAUTIONARY STATEMENTS AND DIRECTIONS.

STORAGE AND DISPOSAL

Storage: Store product in its original container in a cool, dry, locked place out of reach of children.

Disposal: Completely empty bag into application equipment Do not reuse empty container. Wrap bag and put in trash collection.

DIRECTIONS FOR USE

1. Determine size of area to be treated—measure and multiply length times width.
2. Determine appropriate spreader setting using chart.
3. Treat as directed - thorough coverage is important. Water in thoroughly with a half inch of water. This product is extremely toxic to fish. Use with care when applying in areas adjacent to any body of water. Do not apply on saturated soil. Do not allow runoff to occur. Do not contaminate ornamental fish ponds.
4. Keep children and pets off treated areas until this material is washed into turf and grass is dry.
5. In New York State, this product may not be applied to lawns that directly border coastal marshes. For control of turf insects other than fleas and ticks in New York State, a second application may be made after two weeks if target activity persists.

6. Not for use in commercial greenhouses, nurseries, on sod farms or grass grown for seed.

OVERALL LAWN TREATMENT FOR GRASS AND DICHONDRA LAWNS

TO CONTROL Ants, Armyworms (inc. Fall, Yellow-Striped etc.), Bermudagrass Mites, Billbugs (adult), Boxelder Bugs, Centipedes, Chiggers, Chinch Bugs, Clover Mites, Cockroaches, Crickets, Cutworms, Darkling Ground Beetles, Digger Wasps, Essex Skipper, European Crane Fly Larvae, Field Crickets, Fiery Skipper, Fire Ants, Flea Beetle (in dichondra), Grasshopper, Hyperodes (Turfgrass Weevil), Japanese Beetle (adult), Lawn Moths, Leafhoppers, Adult Mealybugs, Scorpions, Silverfish & Firebrats, Sod Webworms Sowbugs, Spiders, Spittlebugs, Springtails, Vegetable Weevils (in dichondra); Apply this product uniformly to home lawns, under shrubbery and other ornamental recreational turf grass areas. Treat when insects first appear using granules at the rate of 2 to 3 pounds per 1,000 sq. ft. or, for heavy lawns such as St. Augustine grass, 3 pounds per 1,000 sq. ft. using a fertilizer spreader. See spreader setting chart below. To help obtain uniform distribution, apply one-half required amount of product in one direction, then apply the balance at a right angle. Immediately after application, water the lawn thoroughly with a half inch of water.

EUROPEAN CRANEFLY LARVAE (LEATHERJACKETS) the best time to apply is in early April when the insects are young.

CHINCH BUGS - Start treatments when temperatures reach 80°F or above. A second application may be necessary in 6 weeks if insect activity continues.

FLEA AND TICK CONTROL (OUTDOORS) In summer months, fleas and ticks frequently become established in lawns and pet resting areas surrounding the home. For best control of Fleas and Ticks (including but not limited to Bear Tick Black-legged Tick Brown Dog Tick, Deer Tick, Lone Star Tick, Western Black-legged Tick, Wood Tick); a regular treatment program should be followed. Treat once a month as directed above when pests first appear in late spring (May - June) and continue until late summer (September - October). Fall temperatures below 50°F decrease pest activity. Eliminating weeds around the home and mowing lawns frequently reduces the hiding places for these pests.

NOTE: Dogs, cats, and their kennel or bedding area should also be treated with a registered product. In addition, if fleas and ticks are indoors on carpets or pet resting areas, use a registered product, ideally in combination with an insect Growth Regulator. It is very important that all three sites - outdoor, indoors and also the pet be treated with appropriately labeled products to achieve satisfactory control. If any of these areas are not treated, it could serve as a source of reinfestation to the entire premises.

SOD WEBWORMS (CRAMBUS SPP) Sod Webworms are the light brown caterpillars 1/4 to 3/4 inch long, that hide in the grass during the day and feed on the grass blades at

night. Adult Webworms, usually referred to as Lawn Moths (about 1 inch in length with long snout) emerge from the grass at dusk. They fly over the lawn laying eggs that later hatch into destructive caterpillars. Damage appears first as small brown spots which, if not treated, may rapidly develop into large brown areas of severely damaged or dead grass. If lawn Moths (Sod Webworm Adults) are noticed in large numbers at dusk, or at first sign of damage to lawn, treat entire lawn evenly following Overall Lawn Treatment directions.

BAND (PERIMETER) TREATMENT AROUND HOUSE FOUNDATION To help prevent infestation of buildings by Ants, Boxelder Bugs, Brown Dog Ticks, Centipedes, Cockroaches, Clover Mites, Crickets, Field Crickets Fleas, Scorpions, Sowbugs, Spiders, Springtails (Collembola), and Ticks; treat a band 5 to 10 feet wide around and adjacent to the building where pests are active and may find entrance. Treat at a rate of 1 to 1 1/2 pounds per 500 sq. ft. or 2 to 3 lbs. per 1,000 sq. ft. under shrubbery. Use the same dosage recommended for control of these pests in lawns. Water thoroughly with 1/2 inch of water.

FLOWER, SHRUB AND ORNAMENTAL PLANT BEDS

To control Ants, Fire Ants, Crickets, Cutworms, Sowbugs, Pillbugs, Grasshoppers, Armyworms, Brown dog Ticks and Springtails apply granules evenly over soil within the beds and under shrubbery. Use the same dosage recommended for control of these pests in lawns. Water thoroughly with 1/2 inch of water.

SPOT TREATMENT

ANTS NESTING OUTDOORS: This product may be used outdoor for the control of ants, including: Acrobat, Argentine, Big Headed, Cornfield, Field, Harvester, Leafcutter, Little Black, Pavement and Pyramid Ants. If possible, it is best to try to locate nest and treat this first. Nests will usually be found in the ground but may be concealed under stones, boards, slabs or in stumps or logs. Product should be applied to thoroughly cover the nest (1 to 2 teaspoons) and sprinkled gently with sufficient water to dissolve granules. In addition to treating ant nests or mounds, entry points of buildings (used by ants) and the soil surface along the perimeter of the building should be treated.

DIGGER WASPS: Apply 1 to 2 teaspoons of granules in and around each individual ground nest opening. Make the application at dusk when the wasps are not active.

IMPORTED FIRE ANTS: Apply 2 tablespoons over each 8" to 10" diameter mound and up to 2 feet around to prevent escape of the queen. Immediately after application, water the granules into the soil gently with a light sprinkling to avoid disturbing the colony. Use at least 1 gallon of water per mound, but no more than 2 gallons. Use of high pressure watering equipment may disturb the colony and cause migration of the ants, thus reducing the effectiveness of the treatment. For maximum effectiveness, apply in cool weather (65 - 80°F), or in early morning or late evening for best results. Treat new mounds as they appear.

SPREADER SETTINGS Spreader Make and Model	Setting to deliver:	
	2#/1000 ft.	3#/1000 ft
Scotts Drop Spreaders	3.5	
Scotts EasyGreen Rotary	25.5	26.0
Republic EZ Drop	5.25	5.5
Cyclone Model B1 Rotary	3.0	3.5
Sears Craftsman Broadcast	2.0	2.5

Note: Spreader settings given are approximate and variation can occur between identical models. User should calibrate spreader by accurately weighing a few pounds into your spreader and applying to a measured area. Then adjust spreader setting if necessary to assure correct rate of application.

NOTICE: Seller warrants that the product conforms to its chemical description and is reasonably fit for the purposes stated on the label when used in accordance with directions under normal conditions of use, but neither this warranty or any other warranty of Merchantability or Fitness for a Particular Purpose, express or implied, extends to the use of this product contrary to label instructions, or under abnormal conditions, or under conditions not reasonably foreseeable to seller, and buyer assumes the risk of any such use.

For information on pesticide products (including health concerns, medical emergencies, or pesticide incidents), call the National Pesticide Telecommunications Network at 1-800-858-7378.

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Control Solutions, Inc.
5903 Genoa-Red Bluff
Pasadena, TX 77507-1041

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