

TOTAL PEST CONTROL

GROUP 3A
INSECTICIDE

For Indoor/Outdoor Use

INSECTICIDE

For use to control listed insect pests and mites indoors, in livestock/poultry housing structures and pet kennels, in interiorscapes and outdoors on ornamentals and lawns in landscaped areas around residential, institutional, public, commercial, and industrial buildings, parks, recreational areas and athletic fields.

ACTIVE INGREDIENT:

Bifenthrin* 7.9%

OTHER INGREDIENTS: 92.1%

TOTAL: 100.0%

Total Pest Control contains 2/3 pound active ingredient per gallon.

*Cis isomers 97% minimum, trans isomers 3% maximum.

KEEP OUT OF REACH OF CHILDREN

CAUTION

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle.
(If you do not understand the label, find someone to explain it to you in detail.)

EPA Reg. No. 98985-6-86869

EPA Est. No. 88746-M0-001 (P), 72344-M0-004 (T),

86869-NC-001 (S)

First letter(s) in the lot number correspond
to the letter(s) following the EPA Est. No.

**SEE LABEL BOOKLET FOR COMPLETE FIRST AID, PRECAUTIONARY STATEMENTS,
DIRECTIONS FOR USE, AND STORAGE AND DISPOSAL.**

Distributed By: Select Source, LLC, P.O. Box 250, 10025 Hwy. 264 Alternate, Middlesex, NC 27557

FIRST AID

IF SWALLOWED:	<ul style="list-style-type: none">• 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 do so by the poison control center or doctor.• Do not give anything by mouth to an unconscious person.
IF INHALED:	<ul style="list-style-type: none">• Move person to fresh air.• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible.• Call a poison control center or doctor for further 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.
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.

HOTLINE NUMBERS

Have a product container or label with you when calling a poison control center or doctor, or going for treatment. For 24-hour medical emergency assistance (human or animal), call **1-800-222-1222**. For chemical emergency assistance (spill, leak, fire, or accident), call ChemTrec at **1-800-424-9300**.

NOTE TO PHYSICIAN: This product is a pyrethroid. If large amounts have been ingested, the stomach and intestine should be evacuated. Treatment is symptomatic and supportive. Digestible fats, oils, or alcohol may increase absorption and so should be avoided.

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS
CAUTION

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

PERSONAL PROTECTION EQUIPMENT (PPE)

All pesticide handlers (mixers, loaders, and applicators) must wear:

- Long-sleeved shirt and long pants
- Socks and shoes
- Chemical-resistant gloves made of: barrier laminate, butyl rubber (≥ 14 mils), nitrile rubber (≥ 14 mils), neoprene rubber (≥ 14 mils), natural rubber (≥ 14 mils), polyethylene, polyvinyl chloride (PVC) (≥ 14 mils), viton (≥ 14 mils)

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 (such as U-Turn[®]), or an in-line injector system, shirt, pants, socks, shoes, and chemical resistant gloves are sufficient. In addition, all pesticide handlers must wear a respiratory protection device when working in a non-ventilated space. All pesticide handlers must wear protective eyewear when working in non-ventilated space.

Wear a minimum of a NIOSH-approved elastomeric half mask respirator with organic vapor (OV) cartridges and a combination R or P filters OR a NIOSH-approved gas mask with OV canisters; OR a NIOSH-approved powered air-purifying respirator with OV cartridges and combination HE filters.

ENVIRONMENTAL HAZARDS

This pesticide is extremely toxic to fish and aquatic invertebrates. 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. Rinsing application equipment over the treated area will help avoid run off to water bodies or drainage systems. Care should be used when spraying to avoid fish and reptile pets in/around ornamental ponds.

This product is highly toxic to bees exposed to direct treatment or residues on blooming crops or weeds. Do not apply this product or allow to drift to blooming crops if bees are visiting the treatment area.

PHYSICAL AND CHEMICAL HAZARDS

Do not apply water-based dilutions of **Total Pest Control** to electrical conduits, motor housings, junction boxes, switch boxes, or other electrical equipment because of possible shock hazard.

DIRECTIONS FOR USE

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

Restrictions:

- Aerial application is prohibited.
- Application in greenhouses and nurseries is prohibited. Application through any kind of irrigation system is prohibited.
- This product may not be used on sod farm turf, golf course turf, or on grass grown for seed. This product may not be applied as a broadcast application to interior surfaces of homes.
- Spot treatments must not exceed two square feet in size (for example, 2 ft. by 1 ft. or 4 ft. by 0.5 ft.).
- For soil or foliar applications, do not apply by ground within 25 feet of lakes, reservoirs, rivers, permanent streams, marshes or natural ponds, estuaries, and commercial fish farm ponds.
- Do not spray the product into fish pools, ponds, streams, or lakes.
- Do not apply directly to sewers or storm drains, or to any area like a drain or gutter where drainage to sewers, storm drains, water bodies, or aquatic habitat can occur.
- Do not allow the product to enter any drain during or after application.
- Do not apply directly to impervious horizontal surfaces such as sidewalks, driveways, and patios except as a spot or crack-and-crevice treatment.
- Do not apply or irrigate to the point of runoff.
- Do not make applications during rain. Avoid making applications when rainfall is expected before the product has sufficient time to dry (minimum 4 hours).
- Rainfall within 24 hours after application may cause unintended runoff of pesticide application.
- For crack and crevice treatments: Treat surfaces to ensure thorough coverage but avoid runoff.

All outdoor spray applications must be limited to spot or crack-and-crevice treatments only, except for the following permitted uses:

1. Application to pervious surfaces such as soil, lawn, turf, and other vegetation;
2. Perimeter band treatments of 7 feet wide or less from the base of a man-made structure to pervious surfaces (e.g., soil, mulch, or lawn);
3. Applications to underside of eaves, soffits, doors, or windows permanently protected from rainfall by a covering, overhang, awning, or other structure;

4. Applications around potential exterior pest entry points into man-made structures such as doorways and windows, when limited to a band not to exceed one inch;
5. Applications to vertical surfaces (such as the side of a man-made structure) directly above impervious surfaces (e.g., driveways, sidewalks, etc.), up to 2 feet above ground level; and
6. Applications to vertical surfaces directly above pervious surfaces (such as soil, lawn, turf, mulch, or other vegetation) only if the pervious surface does not drain into ditches, storm drains, gutters, or surface waters.

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 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 or to reoccupy contaminated areas of the structure until the clean-up is completed.

RESISTANCE MANAGEMENT

For resistance management, **Total Pest Control** contains bifenthrin and is classified as a Group 3A insecticide.

Any insect population may contain individuals naturally resistant to **Total Pest Control** and other Group 3A insecticides. The resistant individuals may dominate the insect population if this group of insecticides are used repeatedly in the same fields. Appropriate resistance-management strategies should be followed.

To delay insecticide resistance, take the following steps:

- Rotate the use of **Total Pest Control** or other Group 3A insecticides within a growing season, or among growing seasons, with different groups that control the same pests.
- Use tank mixtures with insecticides from a different group that are equally effective on the target pest when such use is permitted. Do not rely on the same mixture repeatedly for the same pest population. Consider any known cross-resistance issues for the targeted pests between the individual components of a mixture.

- In addition, consider the following recommendations provided by the Insecticide Resistance Action Committee (IRAC):
 - Individual insecticides selected for use in mixtures should be highly effective and be applied at the rates at which they are individually registered for use against the target species.
 - Mixtures with components having the same IRAC mode of action classification are not recommended for insect resistance management.
 - When using mixtures, consider any known cross-resistance issues between the individual components for the targeted pest(s).
 - Mixtures become less effective if resistance is already developing to one or both active ingredients, but they may still provide pest management benefits.
 - The insect resistance management benefits of an insecticide mixture are greatest if the two components have similar periods of residual insecticidal activity. Mixtures of insecticides with unequal periods of residual insecticide activity may offer an insect resistance management benefit only for the period where both insecticides are active.
- Adopt an integrated pest management program for insecticide/acaricides use that includes scouting, uses historical information related to pesticide use, crop rotation, record keeping, and which considers cultural, biological, and other chemical control practices.
- Monitor after application for unexpected target pest survival. If the level of survival suggests the presence of resistance, consult with your local university specialist or certified pest control advisor.
- Contact your local extension specialist or certified crop advisors for any additional pesticide resistance-management and/or IPM recommendations for the specific site and pest problems in your area.
- For further information or to report suspected resistance contact Select Source, LLC at 877-235-0043.

USE IN LIVESTOCK/POULTRY HOUSING STRUCTURES AND PET KENNELS

For control of pests including biting flies, filth-breeding flies, fleas, litter beetles, hide beetles, bed bugs, mites, and ticks.

Make applications as a general surface spray (including directed spray) and/or as a crack and crevice treatment. For best results, make interior and exterior applications at or around the same time. In addition to applications of **Total Pest Control**, ensure that normal cleaning practices are followed.

Occupied Areas

Indoors, apply only to indoor cracks and crevices. For exteriors, apply to walls and foundation perimeters to help prevent interior infestations of pests. Use **Total Pest Control** at a rate equivalent to 0.33 to 1 fl. oz. per 1,000 sq. feet.

Unoccupied Areas

Apply to areas where crawling or flying pests may be present: floors, vertical surfaces, and overhead surfaces, paying special attention to areas such as stanchions, pipes, windows, and doors. Cover feeders, waterers, and feed carts before application, to avoid contamination. Do not apply to milk rooms. Make exterior applications to walls and foundation perimeters to help prevent interior infestations of pests. Apply in a uniform band 2 feet up the foundation, and 7 feet out from the structure. Use **Total Pest Control** at a rate equivalent to 0.33 to 1 fl. oz. per 1,000 sq. feet.

Bed Bugs, Mites, and Ticks - Treat cracks and crevices, walls, posts, nest boxes, and mobile side curtains. Do not apply this product directly to animals.

Adult Flies - Make applications to areas where flies will rest: ceiling, rafters, and trusses; also treat windows, walls (interior and exterior), supports, fences, and vegetation. **Total Pest Control** may be applied to manure in situations where fly larvae are abundant and the area cannot be cleaned.

Poultry Houses - Make applications to the floor (where birds are grown on litter), walls, posts, and cage framing (where birds are grown in cages); apply also into cracks and crevices around insulation. Reapply after each growout or sanitization procedure, but not more often than every 8 weeks. For improved indoor control, apply to the outside of building foundations to keep adult beetles from moving indoors. Apply in a uniform band 2 feet up the foundation, and 7 feet out from the structure. A routine, year-round treatment program will prevent pests from reaching problem levels.

Where Birds are Grown on Litter - Apply **Total Pest Control** to litter after birds are removed and during tilling at a rate equivalent to 0.33 to 1 fl. oz. per 1,000 sq. feet. If litter is removed and replaced with fresh litter, make an application to bare soil or concrete at a rate equivalent to 0.33 to 1 fl. oz. per 1,000 sq. feet, and treat the new litter once it is spread. Spray inside walls, posts, and exterior perimeter. Reapply between each flock.

Broiler-Breeder Houses - To control beetles, apply as directed above for litter and soil/floor treatment.

Caged-Layer Houses - For control of beetles, do not treat accumulated manure because it may disrupt natural enemies that control fly breeding. Treat the perimeter of the manure at a rate equivalent to 0.33 to 1 fl. oz. per 1,000 sq. feet. Also spray pit walls, posts, and the exterior of the structure. Reapply between each flock.

Before applying disinfectants, ensure that the **Total Pest Control** treatment is dry.

DO NOT apply **Total Pest Control** as a general surface spray when animals are present in the facility. Allow applications to dry before restocking the facility. Crack and crevice treatment may be made when animals are present.

DO NOT apply **Total Pest Control** to any animal feed, water, or watering equipment.

DO NOT contaminate any animal feed, food, or water in and around livestock, poultry, or pet housing when making applications.

IMPREGNATION AND APPLICATION OF TOTAL PEST CONTROL ON DRY BULK LAWN FERTILIZERS

Total Pest Control may be impregnated on dry bulk fertilizers. When applied as directed, **Total Pest Control**/dry bulk fertilizer mixtures provide insect control equal to that provided by the same rates of **Total Pest Control** applied in water.

Impregnation: Apply using a minimum 2.3 pounds of dry bulk fertilizer per 1,000 square ft. with the specified amount of **Total Pest Control** per 1,000 square ft. Use a closed rotary-drum mixer or a similar type of closed blender equipped with suitable spray equipment. The spray nozzle(s) should be positioned to provide a uniform, fine spray pattern over the tumbling fertilizer for thorough coverage. The physical properties of fertilizers vary, particularly in liquid absorptive capacity. When absorptivity is sufficient, simple spray impregnation of the fertilizer with **Total Pest Control** provides a satisfactory dry mixture. If the absorptive capacity is inadequate, use of a highly absorptive powder is required to provide a dry, flowable mixture. Microcel E (Johns-Manville Products Corporation) is a recommended absorbent powder. Generally less than 2% by weight of Microcel E is required. **DO NOT** impregnate **Total Pest Control** onto straight coated ammonium nitrate or straight limestone because these materials will not absorb the insecticide. Dry fertilizer blends containing mixtures of ammonium nitrate or limestone may be impregnated with **Total Pest Control**.

Determine the amount of **Total Pest Control** actually required in the preparation of individual fertilizer mixtures for each production operation. This is necessary to ensure that the amount of pesticide actually contained in the mixture applied to the soil represents the correct rate of use. Apply bulk fertilizer impregnated with **Total Pest Control** immediately. Do not store impregnated fertilizer.

All individual Federal and State regulations relating to bulk dry fertilizer blending, registration, labeling, and application of the mixtures are the responsibility of the individual and/or company selling the fertilizer and **Total Pest Control** mixture.

Fertilizer for this use should be Turf fertilizers recommended for specific regions.

INDOOR USE

In the home, all food processing surfaces and utensils should be covered during treatment or thoroughly washed before use. Exposed food should be covered or removed.



Do not allow to enter indoor or outdoor drains.

Pests Controlled	Rate	Remarks
Ants Bees Beetles Boxelder Bugs Centipedes Cockroaches Crickets Earwigs Firebrats Flies Millipedes Pillbugs Scorpions Silverfish Sowbugs Spiders Ticks Wasps	0.02 - 0.06% suspension (0.33 - 1.0 fl. oz./ gallon water)	<p>For residual control of the listed pests in buildings, structures, and on modes of transport, apply as a crack and crevice, pinstream, spot, coarse, low-pressure spray (25 PSI or less), or with a paint brush. Do not use as a space spray, or as a broadcast application to interior surfaces of homes.</p> <p>Apply to areas where pests hide, paying special attention to cracks and crevices. Apply to baseboards, corners, storage areas, closets, around water pipes, doors, and windows, in attics and eaves, behind and under refrigerators, cabinets, sinks, furnaces, stoves, under shelves, drawers.</p> <p>Cockroaches, Crickets, Firebrats, Scorpions, Silverfish, Spiders, and Ticks: Apply as a coarse, low-pressure spray to areas where these pests hide.</p> <p>Ants: Apply to trails, around doors and windows and other places where ants may be found.</p> <p>Bees and Wasps: Apply to nests late in the evening when insects are at rest. Thoroughly spray nest as well as its entrance and surrounding areas where insects alight.</p> <p>Boxelder Bugs, Centipedes, Earwigs, Beetles, Millipedes, Pillbugs, and Sowbugs: Apply around doors and windows and other places where these pests may be found or where they may enter premises. Also spray baseboards and storage areas.</p>

Mixing Directions: See mixing directions in "PEST CONTROL ON OUTSIDE SURFACES AND AROUND BUILDINGS" section.

Dilute **Total Pest Control** with water for spray or brush application. First fill the sprayer with the desired volume of water and then add **Total Pest Control**. Before spraying, close and shake sprayer to insure proper mixing. Prepare only the amount of solution needed for the application. If pest pressure is high, the area may need to be retreated to ensure and/or maintain control. Reapply only if there are signs of renewed insect activity, and do not reapply more than once a week (7 days).

Food/Feed Handling Establishments

Applications of **Total Pest Control** are permitted in food/feed and non-food/feed areas of food/feed handling establishments as a general surface, spot treatment, or crack and crevice treatment.

Food/feed handling establishments are any place other than private residences where food/feed is held, processed, prepared, or served: areas for receiving, storing, packing (canning, wrapping, bottling, boxing), preparing of food/feed, areas of edible waste storage and enclosed processing systems (dairies, mills, edible oils, syrups). Serving areas where food is exposed and the facility is in operation are also considered food areas.

Permitted non-food/feed areas are areas: 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.

Permitted use sites: Aircraft (Do not use in aircraft cabins.), apartment buildings, bakeries, bottling facilities, breweries, buses, cafeterias, candy plants, canneries, dairy processing plants, food manufacturing and processing plants, food service establishments, granaries, grain mills, hospitals, hotels, industrial buildings, laboratories, poultry/egg/meat processing plants, motor/mobile homes, nursing homes, offices, railcars, restaurants, schools, ships, trailers, trucks, vessels, warehouses, and wineries.

General Surface Application

Do not use this method of application in food/feed handling establishments when the facility is in operation or food/feeds are exposed. Cover or remove all food/feed handling and/or processing equipment during application. Do not apply directly to food/feed products. After application in food processing plants, bakeries, cafeterias, and similar facilities, wash all equipment, benches, shelving, and other surfaces which food will come into contact with. Clean food handling and processing equipment and thoroughly rinse with clean, fresh water.

Spot, Crack and Crevice Application

Spot or crack and crevice applications may be made while the facility is in operation; however, food must be covered or removed from the area being treated. Do not apply directly to food.

Foam Applications

Total Pest Control may be converted to foam and the foam used to treat structural voids to control or prevent pest infestations. Dilute 0.33 to 1.0 fluid oz. of **Total Pest Control** per gallon of water and add the manufacturers recommended amount of foaming agent to produce a 0.02 to 0.06 % foam concentration. Before treatment, be sure that the foaming agent is compatible with **Total Pest Control**.

ANT CONTROL

Pest Location	Rate	Remarks
Nuisance Ants Indoors	Dilute 0.5 - 1.0 fl. oz. in one gallon of water. Apply one gallon of dilution per 1,000 square feet.	Locate and treat ant nests where possible. Apply as a crack and crevice, pinstream, spot, coarse, low-pressure spray (25 PSI or less) or with a paint brush. Do not use as a space spray, or as a broadcast application to interior surfaces of homes. Apply where ants have been seen or would be expected to look for food. Areas to consider include: baseboards, in and behind cabinets, under and behind appliances, around pipes, cracks and crevices and in corners. Be sure to treat entry points such as around doors and windows. When using with baits, apply Total Pest Control as indicated above, and use baits in untreated areas.

(continued)

ANT CONTROL (cont.)

Pest Location	Rate	Remarks
Carpenter Ants Indoors	0.5 - 1.0 fl. oz. in one gallon of water. Apply one gallon of dilution per 1,000 square feet.	Apply where ants have been seen or would be expected to look for food. Areas to consider include: baseboards, in and behind cabinets, under and behind appliances, around pipes, cracks and crevices and in corners. Be sure to treat entry points such as around doors and windows. Apply as a spray or foam into cracks and crevices, or drill holes and apply as spray, mist, or foam into areas where carpenter ants or their nests are present. Do not use as a space spray, or as a broadcast application to interior surfaces of homes. When using with baits, apply Total Pest Control as indicated above, and use baits in untreated areas.
Nuisance Ants Outdoors Carpenter Ants Outdoors		Locate and treat ant nests where possible. Apply where ants have been seen or would be expected to look for food. Apply to the perimeter using the applications described in the " PEST CONTROL ON OUTSIDE SURFACES AND AROUND BUILDINGS " instructions. Higher dilutions and/or volumes may be required when treating concrete surfaces.
Non-porous surfaces	0.5 - 1.0 fl. oz. in one gallon of water. Apply one gallon per 1,000 square feet.	Low-volume application. The following procedures must be followed to help achieve maximum control of the pest: Treat non-porous surfaces only in areas protected from rainfall and spray from sprinklers with low volume applications using 0.5 to 1.0 fl. oz. of product per gallon of water and applying this dilution at the rate of one gallon per 1,000 square feet.

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ANT CONTROL (cont.)

Pest Location	Rate	Remarks
Porous surfaces and vegetation	0.5 - 1.0 fl. oz. per 1,000 square feet.	High-volume application. Refer to ORNAMENTAL and PERIMETER APPLICATION Dilution Charts.
Maximum residual control	0.5 - 1.0 fl. oz. in one gallon of water. Apply up to 10 gallons per 1,000 square feet.	
Tree trunks	0.5 - 1.0 fl. oz. in one gallon of water.	Apply this dilution to tree trunks which have carpenter ant trails, or where carpenter ants are looking for food. Be sure to completely wet the bark from the ground to as high as possible on the trunk.
Carpenter Ants in wood	1.0 fl. oz. in one gallon of water.	For control of carpenter ants in trees, utility poles, fencing or deck materials, drill to find the infested cavity. Inject or foam the labeled rate into the cavity. Use sufficient volume and a tool with a splash back guard.
Carpenter Ants in soil	0.5 - 1.0 fl. oz. in one gallon of water.	For control of carpenter ants tunneling in soil, apply as a drench. The dilution or foam can also be injected every 8 to 12 inches. It is important to create a vertical barrier especially at the edges of walls, driveways, or other surfaces beneath which the ants may be tunneling.

(continued)

ANT CONTROL (cont.)

Pest Location	Rate	Remarks
Carpenter Ants in wood piles and stored lumber	0.5 - 1.0 fl. oz. in one gallon of water.	Deliver a coarse drenching spray with a hose-end sprayer or sprinkling can. Do not use wood for lumber or burn it until one month after treatment. Do not use wood for structures.
Carpenter Ants in firewood	1.0 fl. oz. in one gallon of water.	Apply the dilution to the soil where the firewood will be stacked at the rate of one gallon per 8 square feet. DO NOT treat the firewood directly.

PEST CONTROL SPECIALTY APPLICATIONS

Underground Services (including cables, conduits, pipes, utility lines, wires) which are found on the outside of structures, in right-of-way areas, or in long range installation of these services.

Soil Treatments to Control Ants: Apply using a 0.06 to 0.12% **Total Pest Control** emulsion. Apply 2 gallons of emulsion per 10 linear feet to the bottom of the trench. Allow emulsion to soak into the soil, lay the services on top of the treated soil and then fill the trench with soil. To complete the barrier treatment, make another application of 2 gallons per 10 linear feet over the top of the soil surface. For best control, in wide trenches, only treat the soil around the services.

For non-porous soils, adjust the volume to 1 gallon of 0.12% **Total Pest Control** per 10 linear feet of trench. Treat both to the bottom of the open trench and the soil placed over the top of the services.

Treat the soil at the point where the service sticks out of the ground by trenching/rodding. Do not use more than 1 to 2 gallons of emulsion.

Precautions: Electrically active underground services must not be treated.

Posts, Poles, and Other Constructions

To control insect damage to wooden constructions such as signs, fences, and landscape ornamentation, apply a 0.06% emulsion. Treat on all sides to create an insecticidal barrier in the soil around the wooden construction.

For poles and posts previously installed, use a sub-surface injection, or apply the emulsion by gravity-flow to the soil around all sides of the pole or post. If poles and posts are less than a half-foot in diameter, apply 1 gallon of emulsion per foot of depth. If poles are larger than a half-foot in diameter, apply 1.5 gallons of emulsion per foot of depth. Make sure that the emulsion reaches a depth of 6 inches below the bottom of the wood. If treatment of larger constructions is desired, use an application rate of 4 gallons per 10 linear feet per foot of depth.

Wood-in-Place: Total Pest Control controls the following insects in infested wood in and around structures: Ants, Carpenter Ants, and Wood-Infesting Beetles (Old House Borer and Powder Post). Apply by painting on, spot spraying or fan spraying a 0.06% emulsion of **Total Pest Control** to voids and galleries in damaged wood, and in spaces between wooden members of a structure, and between wood and foundations where wood is exposed. Place plastic sheeting immediately below overhead areas that are treated; no sheeting is required when treating the surface of soils in crawl spaces. Areas that are not easily accessed can be treated by drilling, and then injecting the emulsion using a crack and crevice injector into the damaged wood or void spaces. Use this method of application in addition to soil treatment or other methods to control extensive infestation of wood-infesting insects.

Bees, Wasps, Hornets, and Yellow Jackets Indoor Treatment

Apply a 0.06% emulsion of **Total Pest Control**. For best results, apply in the late evening when pests are at rest. Ensure that sprays contact the pests and reach areas where pests breed such as under rafters in attics. Make a second application if pest pressure is high or if insects reappear.

Important: Before application of **Total Pest Control**, locate all heat pipes, ducts, water and sewer lines and electrical conduits so that they can be avoided during application to prevent damage. Applications must not be made directly into electrical fixtures, sockets, or switches.

Cover all home food processing surfaces and utensils during treatment. Do not treat unless all birds and pets are removed prior to treatment. Aquariums must be covered before spraying. Do not permit humans or pets to contact treated surfaces until the spray has dried.

When treating poorly ventilated or overhead areas, wear unvented goggles, gloves, and a respirator. Avoid touching sprayed surfaces until spray has completely dried.

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 serving areas while food is exposed or facility is in operation. Serving areas are areas where prepared foods are served such as dining rooms but excluding areas where food may be prepared or held. Non-food/feed areas of food/feed handling establishments 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).

Outside of Structures

Total Pest Control can be used around wood to control wood-infesting insects and other pests. Make applications with a 0.6% emulsion with a fan spray at a maximum of 25 PSI to runoff.

If pests are found inside fence posts, trees, or utility poles, locate the area of infestation by drilling. Inject a 0.6% emulsion. For treating bees, hornets, wasps, and yellow jackets, direct contact works best; apply in the late evening when pests are at rest. For best results, apply a saturated spray solution directly into the nest in the ground or in bushes, or in crack and crevice areas.

Pests Under Slabs

To control Ants, Cockroaches and Scorpions which live under slab areas, drill, and inject 0.06% to 0.12% emulsion per 10 square feet or 2 gallons of emulsion per 10 linear feet. One gallon of emulsion should be used. Application may also be made by horizontal rodding and then injection of 1 gallon of this emulsion.

How to Calculate the Active Ingredient Content of the Finished Spray Mixture

Use the following equation to calculate the percent active ingredient that is in the spray tank after mixing **Total Pest Control**:

$$\frac{(7.9) \times (\text{Fl. Oz. of Total Pest Control added to tank})}{(\text{Gallons of finished spray mix}) \times (128)} = \text{Percent Active Ingredient of spray mix}$$

LAWN AND ORNAMENTALS

GENERAL APPLICATION INSTRUCTIONS

Do not apply when the wind speed is greater than 15 mph.

Total Pest Control may be applied in the following areas to control a wide spectrum of insects and mites: Interiorscapes (hotels, shopping malls, office buildings)

Outdoor plantscapes (residential dwellings, ornamental gardens, parks, institutional buildings, recreational areas, athletic fields, and home lawns)

Total Pest Control may be applied to the following plants:

Trees, Shrubs, Foliage plants, Non-bearing fruit and nut trees (that is, perennial crops that will not produce a harvestable raw agricultural commodity 365 days after application), and Flowers

Total Pest Control formulation mixes readily with water and other aqueous carriers. Use **Total Pest Control** as a tank-mix with other pesticides, including insect growth regulators. It is the pesticide user's responsibility to ensure that all products are registered for the intended use. Read and follow the applicable restrictions and limitations and directions for use on all product labels involved in tank mixing. Users must follow the most restrictive directions for use and precautionary statements of each product in the tank mixture.

Tank Mix Compatibility Testing: A jar test is recommended prior to tank mixing to ensure compatibility of **Total Pest Control** and other products. Use a clear glass quart jar with lid and mix the tank mix ingredients in their relative proportions. Always use water from the intended source. Invert the jar containing the mixture several times and observe the mixture for approximately 1/2 hour. Evaluate the solution for uniformity and stability. If the mixture balls-up, forms flakes, sludges, gels, oily films or layers, or other precipitates, it is not compatible and the tank mix combination should not be used.

Tank Mix Preparation: To prepare a new tank mix, add the products listed to the tank mix in the order given. After addition of each product, agitate the tank mix before adding the next product: (1) wettable powders; (2) liquids and flowable concentrates; (3) emulsifiable concentrates.

How to Calculate the Active Ingredient Content of the Finished Spray Mixture

Use the following equation to calculate the percent active ingredient that is in the spray tank after mixing **Total Pest Control**:

$$\frac{(7.9) \times (\text{Fl. Oz. of Total Pest Control added to tank})}{(\text{Gallons of finished spray mix}) \times (128)} = \text{Percent Active Ingredient of spray mix}$$

In the State of New York, for application uses outdoors on ornamentals and lawns in landscaped areas around residential, institutional, public, commercial, and industrial buildings, parks, recreational areas, and athletic fields:

The Following Precautionary Measures Must be Obeyed.

A 100-foot buffer must be maintained between the application site and waters of the State. A 100-foot buffer is required for all waters except those entirely privately owned with no outlet to State waters. The buffer must consist of well maintained, established vegetation (i.e., grass, etc.) growth and must be maintained to prevent the development of channels.

In New York State, do make a single repeat application of this product if there are signs of renewed insect activity, but no sooner than two weeks after the first application.

LAWNS: Apply **Total Pest Control** as a broadcast treatment in volumes of up to 10 gallons per 1,000 square feet for uniform coverage of grass foliage.

If applications are made in spray volumes of less than 2 gallons per 1,000 square feet, immediately irrigate the treated area with at least 0.25 inch of water to ensure the product reaches pests below the grass.

LAWN APPLICATION RATES

Follow the application rates in the table below. Under typical conditions, excellent control of these pests can be achieved. If maximum residual control is needed, the applicator may apply **Total Pest Control** at up to 1.0 fl. Oz. per 1,000 sq. ft. to control these pests.

DIRECTIONS FOR USE OF TOTAL PEST CONTROL ON LAWN

Pests Controlled	Application Rate of Total Pest Control Fl. Oz. per 1,000 Sq. Ft.	Specific Application Instructions
Armyworms Cutworms Sod Webworm	0.18 - 0.25	Optimum control is achieved if irrigation and mowing is delayed until one day after application.
	1.0	Use the higher labeled application rate if the grass is greater than 1 inch high and under conditions of severe pest pressure.
Annual Bluegrass Weevil (Hyperodes) (Adult)	0.25 - 0.5	Time applications so that adult weevils are controlled as they leave their overwintering sites. Movement of adult weevils into grass areas starts when <i>Forsythia</i> is blooming and usually ends when flowering dogwood (<i>Cornus florida</i>) is blooming. Consult your State Cooperative Extension Service for more specific information regarding application timing.
Banks Grass Mite Mites	0.25 - 0.5	Optimum control of eriophyid mites is achieved when Total Pest Control is applied with the labeled application rate of a surfactant. One repeat application (5 - 7 days after the first application) may be needed for acceptable control.
Billbugs (Adult)	0.25 - 0.5	Make applications when pests first appear (April and May). Use degree day models for determining optimum application timing. Consult your State Cooperative Extension Service for information specific to your region. Control of over-wintered chinch bugs is achieved by application in the spring (temperate regions only).

DIRECTIONS FOR USE OF TOTAL PEST CONTROL ON LAWNS (cont.)

Pests Controlled	Application Rate of Total Pest Control Fl. Oz. per 1,000 Sq. Ft.	Specific Application Instructions
Black Turfgrass Ataenius (Adult)	0.25 - 0.5	Control of 1 st and 2 nd generation adults are achieved by timing applications to be made in May and July, respectively. Optimum control is obtained if the application in May occurs when Vanhoutte spiraea (<i>Spiraea vanhouttei</i>) and horse chestnut (<i>Aesculus hippocastanum</i>) are in full bloom. Optimum control is obtained when the July application occurs when Rose of Sharon (<i>Hibiscus syriacus</i>) is in full bloom.
Centipedes Crickets Earwigs Fleas (Adult) Grasshoppers Leafhoppers Mealybugs Millipedes Pillbugs Sowbugs	0.25 - 0.5	
Chinch Bugs	0.25 - 0.5	Optimal control occurs if the grass is irrigated before treatment so that Total Pest Control can move to the base of the grass plant and thatch area where chinch bugs are found. When the thatch layer is thick or grass height maintained at a high level, a higher volume application may be made.

DIRECTIONS FOR USE OF TOTAL PEST CONTROL ON LAWNS (cont.)

Pests Controlled	Application Rate of Total Pest Control Fl. Oz. per 1,000 Sq. Ft.	Specific Application Instructions
Chinch Bugs	1.0	In mid-summer, chinch bugs, especially if nymphs and adults are present, become more difficult to control and this higher rate should be use.
Ants Japanese Beetle (Adult) Fleas (Larvae)	0.5 - 1.0	Use a higher volume application when treating areas where flea larvae develop such as in the soil in shaded areas. When the grass is treated with Total Pest Control at the 0.25 fluid oz. per 1,000 square feet rate to control adult fleas, larvae can be controlled by increasing the application volume by two- to four-fold.
Imported Fire Ants	Broadcast Application: 1.0 Mound Application: 1 teaspoon per 1 gallon of water.	Optimal control is achieved using a combination of broadcast application and mound drenches in the morning or evening when the temperature is between 65 and 80°F. Irrigate prior to application if the soil is dry, or a higher volume application can be used. Apply 1 to 2 gals. of finished spray to each mound area by sprinkling the mound until it is wet. Treat a four foot diameter circle around the mound. For spray rig applications that are calibrated to apply 1 fluid oz. per 1,000 square feet of Total Pest Control in 5 gallons per 1,000 square feet, the spray tank contains the approximate dilution (equivalent to 1 teaspoon per gallon) required for fire ant mound drenches.

DIRECTIONS FOR USE OF TOTAL PEST CONTROL ON LAWNS (cont.)

Pests Controlled	Application Rate of Total Pest Control Fl. Oz. per 1,000 Sq. Ft.	Specific Application Instructions
Mole Cricket (Adult)	0.5 - 1.0	<p>Make applications in the early spring late in the day and water-in Total Pest Control with up to 0.5 inch of water immediately after treatment.</p> <p>Irrigation prior to application when soil is dry may also achieve better control to enable contact of the mole crickets with Total Pest Control.</p> <p>If adult mole crickets are detected, treat the grass areas at peak egg hatch to ensure optimum control of subsequent nymph populations (see next section below).</p>
Mole Cricket (Nymph)		<p>Treat grass areas which are heavily infested with adult mole cricket in the spring, just prior to peak egg hatch. Higher application rates and more frequent applications may be needed to control larger nymphs or to achieve acceptable control. Make applications late in the day and water-in Total Pest Control with up to 0.5 inch of water immediately after treatment. Irrigation prior to application when soil is dry may also achieve better control to enable contact of the mole crickets with Total Pest Control.</p>

(continued)

DIRECTIONS FOR USE OF TOTAL PEST CONTROL ON LAWNs (cont.)

Pests Controlled	Application Rate of Total Pest Control Fl. Oz. per 1,000 Sq. Ft.	Specific Application Instructions
<p>Ticks (including Deer Tick and Western Black-legged tick which may carry Lyme Disease and Rocky Mountain Spotted Fever)</p>	<p align="center">0.5 - 1.0</p>	<p>Spot applications should not be made: treat the entire area where ticks may be found. When ground cover is dense and leaf litter heavy, a higher spray volume application may be used. A repeat application once every 7 days may be required.</p> <p>Deer Ticks (<i>Ixodes</i> sp.): Make applications in late fall and/or early spring. Controls adult ticks which are often found on brush or grass. Controls larvae and nymphs and in mid to late spring which are found in the soil on leaf litter.</p> <p>American Dog Ticks: Apply as needed from mid-spring to early fall. Controls tick larvae, nymphs, and adults in and around paved or unpaved paths or roads.</p>

TOTAL PEST CONTROL LAWN DILUTION CHART

Application Volume Gallons per 1,000 Sq. Ft.	Fluid Ounces* of Total Pest Control Diluted to 100 Gallons			
	0.18 fl. oz./ 1,000 sq. ft.	0.25 fl. oz./ 1,000 sq. ft.	0.5 fl. oz./ 1,000 sq. ft.	1.0 fl. oz./ 1,000 sq. ft.
1.0	18	25	50	100
2.0	9.0	12.5	25.0	50.0
3.0	6.0	8.3	16.7	33.3
4.0	4.5	6.3	12.5	25.0
5.0	3.6	5.0	10.0	20.0
10.0	1.8	2.5	5.0	10.0
	Fluid Ounces* of Total Pest Control Diluted to 10 Gallons			
1.0	1.8	2.5	5.0	10.0
2.0	0.9	1.25	2.5	5.0
3.0	0.60	0.83	1.67	3.33
4.0	0.45	0.63	1.25	2.5
5.0	0.36	0.5	1.0	2.0
10.0	0.18	0.25	0.5	1.0
	Fluid Ounces* of Total Pest Control Diluted to 5 Gallons			
1.0	0.9	1.25	2.5	5.0
2.0	0.45	0.63	1.25	2.5
3.0	0.30	0.42	0.83	1.67
4.0	0.23	0.31	0.63	1.25
5.0	0.18	0.25	0.5	1.0
10.0	--	0.13	0.25	0.5

*To convert fluid ounces to milliliters, multiply by 29.57. 1 fluid oz. = 29.57 ml = 2 tablespoons = 6 teaspoons
Do not use household utensils to measure **Total Pest Control**. *(continued)*

Total Pest Control LAWN DILUTION CHART (cont.)

Application Volume Gallons per 1,000 Sq. Ft.	Fluid Ounces* of Total Pest Control Diluted to 1 Gallon			
	0.18 fl. oz./ 1,000 sq. ft.	0.25 fl. oz./ 1,000 sq. ft.	0.5 fl. oz./ 1,000 sq. ft.	1.0 fl. oz./ 1,000 sq. ft.
1.0	0.18	0.25	0.5	1.0
2.0	--	0.13	0.25	0.5
3.0	--	--	0.17	0.33
4.0	--	--	0.13	0.25
5.0	--	--	0.1	0.2
10.0	--	--	--	0.1

*To convert fluid ounces to milliliters, multiply by 29.57. 1 fluid oz. = 29.57 ml = 2 tablespoons = 6 teaspoons
Do not use household utensils to measure **Total Pest Control**.

ORNAMENTALS AND TREES

Total Pest Control can be applied to ornamental: trees, shrubs, ground covers, bedding plants, and foliage plants. Apply 0.125 to 1.0 fluid oz. of **Total Pest Control** per 1,000 square feet or 5.4 to 43.5 fl. oz. per 100 gallons. Dilute **Total Pest Control** as needed and apply in different volumes of water to give the maximum use rate of 1.0 fluid oz. per 1,000 square feet or 43.5 fl. oz. per 100 gallons. Do not exceed the maximum label use rate. Use low volume application equipment. Dilute with water or other carriers. Typical application volumes for landscape ornamentals are 300 gallons per acre.

A full coverage foliar spray application can be followed by retreatments as needed. Higher labeled rates may be needed for adequate pest control or as the foliage increase. Do not apply more often than once every seven days.

Before treating large numbers of plantings, spray only a few plants and observe one week for varietal phytotoxicity. To prevent or delay pest resistance, alternate treatments with different classes of chemistry.

TOTAL PEST CONTROL ORNAMENTAL DILUTION CHART

Application Volume Gallons per 1,000 Sq. Ft.	Application Rate Gallons per Acre	Fluid Ounces* of Total Pest Control Diluted to 100 Gallons			
		0.125 fl. oz./1,000 sq. ft.	0.25 fl. oz./1,000 sq. ft.	0.5 fl. oz./1,000 sq. ft.	1.0 fl. oz./1,000 sq. ft.
2.3	100	5.4	10.8	21.7	43.5
4.6	200	2.7	5.4	10.9	21.7
6.9	300	1.8	3.6	7.2	14.5
		Fluid Ounces* of Total Pest Control Diluted to 10 Gallons			
2.3	100	0.54	1.08	2.17	4.35
4.6	200	0.27	0.54	1.09	2.17
6.9	300	0.18	0.36	0.72	1.45
		Fluid Ounces* of Total Pest Control Diluted to 5 Gallons			
2.3	100	0.27	0.54	1.09	2.17
4.6	200	0.14	0.27	0.54	1.09
6.9	300	--	0.18	0.36	0.72

*To convert fluid ounces to milliliters, multiply by 29.57 1 fluid oz. = 29.57 ml = 2 tablespoons = 6 teaspoons
Do not use household utensils to measure **Total Pest Control**. *(continued)*

TOTAL PEST CONTROL ORNAMENTAL DILUTION CHART (cont.)

Application Volume Gallons per 1,000 Sq. Ft.	Application Rate Gallons per Acre	Fluid Ounces* of Total Pest Control Diluted to 1 Gallons			
		0.125 fl. oz./1,000 sq. ft.	0.25 fl. oz./1,000 sq. ft.	0.5 fl. oz./1,000 sq. ft.	1.0 fl. oz./1,000 sq. ft.
2.3	100	--	0.11	0.22	0.44
4.6	200	--	--	0.11	0.22
6.9	300	--	--	--	0.15

*To convert fluid ounces to milliliters, multiply by 29.57 1 fluid oz. = 29.57 ml = 2 tablespoons = 6 teaspoons
Do not use household utensils to measure **Total Pest Control**.

How to Determine the Dilution Rates using the Ornamental Application Rates Table and the Total Pest Control Ornamental Dilution Chart

- Determine the pest which is most difficult to control.
- Find the fl. oz. of **Total Pest Control** application rate from one of the tables.
- Determine the application volume and amount of spray mix needed.
- Refer to the **ORNAMENTAL** Dilution Chart to find the appropriate volume of **Total Pest Control** to be mixed in the desired volume of water.

In the State of New York, for application uses outdoors on ornamentals and lawns in landscaped areas around residential, institutional, public, commercial, and industrial buildings, parks, recreational areas, and athletic fields:

The Following Precautionary Measures Must be Obeyed.

A 100-foot buffer must be maintained between the application site and waters of the State. A 100-foot buffer is required for all waters except those entirely privately owned with no outlet to State waters. The buffer must consist of well maintained, established vegetation (i.e., grass, etc.) growth and must be maintained to prevent the development of channels.

In New York State, do make a single repeat application of this product if there are signs of renewed insect activity, but no sooner than two weeks after the first application.

ORNAMENTAL APPLICATION RATES

Consult the following table for the application rates to control the listed pests under typical conditions. The applicator has the option of applying **Total Pest Control** at up to 1 fluid oz. per 1,000 square feet (43.5 fl. oz. per 100 gallons) to control each of the pests listed in this Table under conditions where maximum residual control is desired.

USE DIRECTIONS ON ORNAMENTS

Application Rate of Total Pest Control			
Pests Controlled	Fl. Oz. per 1,000 Sq. Ft.	Fl. Oz. per 100 Gals.	Specific Application Instructions
Bagworms	0.125 - 0.25	5.4 - 10.8	For optimum control, applications should be made directly onto the larvae as the larvae begin to hatch.
Cutworms Elm Leaf Beetles Fall Webworms Gypsy Moth Caterpillars Lace Bugs Leaf Feeding Caterpillars Tent Caterpillars	0.125 - 0.25	5.4 - 10.8	

(continued)

USE DIRECTIONS ON ORNAMENTALS (cont.)

Application Rate of Total Pest Control			
Pests Controlled	Fl. Oz. per 1,000 Sq. Ft.	Fl. Oz. per 100 Gals.	Specific Application Instructions
Adelgids	0.25 - 0.5	10.8 - 21.7	
Ants			
Aphids			
Bees			
Beet Armyworm			
Black Vine Weevil (Adult)			
Brown Soft Scales			
Broad Mites			
Budworms			
Centipedes			
Cicadas			
Citrus Thrips			
Clover Mites			
Crickets Diaprepes (Adult)			
Earwigs			
European Red Mite			
Flea Beetles			
Fungus			
Gnats (Adult)			
Grasshoppers			
Japanese Beetle (Adult)			
Leafhoppers			
Leafrollers			
Mealybugs			
Millipedes			
Mites			
Mosquitoes			

USE DIRECTIONS ON ORNAMENTALS (cont.)

Application Rate of Total Pest Control			
Pests Controlled	Fl. Oz. per 1,000 Sq. Ft.	Fl. Oz. per 100 Gals.	Specific Application Instructions
Orchid Weevil Pillbugs Plant Bugs (including <i>Lygus</i> spp.) Psyllids Scorpions Sowbugs Spider Mites Spiders Spittlebugs Thrips Tip Moths Treehoppers	0.25 - 0.5	10.8 - 21.7	
Wasps Whiteflies	0.25 - 0.5	10.8 - 21.7	
Beetles California Red Scale (Crawlers) San Jose Scales (Crawlers) Pine Needle Scales (Crawlers) Twig Borers Weevils	0.25 - 0.5	10.8 - 21.7	Direct sprays to foliage of plants and to tree trunks, stems, and twigs.
Imported Fire Ants** Leafminers Pecan Leaf Scorch Mite Pine Shoot Beetle (Adult)	0.5 - 1.0	21.7 - 43.5	**For foraging ants.

(continued)

USE DIRECTIONS ON ORNAMENTALS (cont.)

Application Rate of Total Pest Control			
Pests Controlled	Fl. Oz. per 1,000 Sq. Ft.	Fl. Oz. per 100 Gals.	Specific Application Instructions
Spider Mites			<p>For optimal control, apply during spring through mid-summer. For control during mid- to late-summer, it may be necessary to use higher labeled rates and/or more frequent applications. Increased control may be achieved with the addition of a surfactant or horticultural oil. Tank-mixes with other registered mite control products may increase the effectiveness of Total Pest Control. Rotate the use of Total Pest Control with other insecticides with different modes of action.</p> <p>Consult your local Cooperative Extension Service for resistance management recommendations in your region.</p>

PEST CONTROL ON OUTSIDE SURFACES AND AROUND BUILDINGS

Follow **Additional Application Restrictions for Residential Outdoor Surface and Space Sprays** below.

Applications to vertical exterior surfaces (e.g., foundations) are permitted to a maximum height of 2 feet from ground level. Sections of vertical exterior surfaces that abut non-porous horizontal surfaces can only be treated if these sections are protected from rainfall and spray from sprinklers.

Total Pest Control may be applied to the following sites:

Eaves

Exterior siding Foundations Garages

Lawns including: grass areas adjacent or around private homes, duplexes, townhouses, condominiums, house Trailers, apartment complexes, carports, garages, fence lines, storage sheds, barns, and other residential and Non-commercial structures

Outside surfaces of buildings

Other areas where listed pests are present

Patios - spot treatment only

Porches - spot treatment only

Refuse dumps

Soil

Trunks of woody ornamentals

Window frames

For the desired application rate, use the chart below to determine the amount of **Total Pest Control** for 1 gallon of finished emulsion.

TOTAL PEST CONTROL OUTSIDE SURFACES APPLICATION DILUTION CHART

Concentration of Active Ingredient	Dilution Rate
0.02%	0.33 fl. oz. per 1 gal. water
0.06%	1.0 fl. oz. per 1 gal. water

Follow the application instructions in the table below to control of target pests.

TOTAL PEST CONTROL OUTSIDE SURFACES APPLICATION INSTRUCTIONS

Pests Controlled	Specific Application Instructions
Ants Carpenter Ants Fire Ants Armyworms Bees Beetles† Biting Flies Boxelder Bugs Centipedes Chiggers Chinch Bugs Clover Mites Crickets Cutworms Dichondra Flea Beetles Earwigs Elm Leaf Beetles Firebrats Fleas Flies Grasshoppers Hornets Japanese Beetles† Millipedes Moths Roaches (including Cockroaches) Scorpions †Not for use in California.	<p>Use a 0.02 to 0.06% emulsion as a residual spray in a spray volume of up to 10 gallons of emulsion per 1,000 square feet. For thorough coverage of plants with dense foliage, use the higher application volume.</p> <p>The higher labeled rate should be used for heavy pest infestation, quicker knockdown, or longer residual control.</p> <p>Repeat applications at no more than once every seven days under severe insect infestation or if insects return.</p> <p>Barrier Treatment: To prevent infestation of buildings, apply to a band of soil and vegetation 6 to 10 feet wide around and adjacent to the building. Apply from the base of the foundation to 2 feet above the foundation. Use dilutions of 0.33 to 1.0 fluid oz. of Total Pest Control per 1,000 square feet in sufficient water to provide adequate coverage (refer to PERIMETER APPLICATION Dilution Chart).</p>

(continued)

TOTAL PEST CONTROL OUTSIDE SURFACES APPLICATION INSTRUCTIONS *(cont.)*

Pests Controlled	Specific Application Instructions
<p>Silverfish Sod Webworms Sowbugs (Pillbugs) Spiders (including Black Widow Spiders) Springtails Ticks (including Brown Dog Ticks) Wasps</p>	<p>Use a 0.02 to 0.06% emulsion as a residual spray in a spray volume of up to 10 gallons of emulsion per 1,000 square feet. For thorough coverage of plants with dense foliage, use the higher application volume.</p> <p>The higher labeled rate should be used for heavy pest infestation, quicker knockdown, or longer residual control.</p> <p>Repeat applications at no more than once every seven days under severe insect infestation or if insects return.</p> <p>Barrier Treatment: To prevent infestation of buildings, apply to a band of soil and vegetation 6 to 10 feet wide around and adjacent to the building. Apply from the base of the foundation to 2 feet above the foundation. Use dilutions of 0.33 to 1.0 fluid oz. of Total Pest Control per 1,000 square feet in sufficient water to provide adequate coverage (refer to PERIMETER APPLICATION Dilution Chart).</p>
<p>Ants and Fire Ant Mounds</p>	<p>Use Total Pest Control at a dilution of 0.06% emulsion. Apply using the Drench Method by applying 1 to 2 gals. of finished spray to each mound area by sprinkling the mound until it is wet. Treat a four foot diameter circle around the mound. If the mound diameter is greater than one foot, use the higher volume. Optimum results are achieved if applications are made during cool hours of the day.</p>

(continued)

TOTAL PEST CONTROL OUTSIDE SURFACES APPLICATION INSTRUCTIONS (cont.)

Pests Controlled	Specific Application Instructions
Mosquitoes	Use a dilution rate of 0.33 to 1.0 fluid oz. of Total Pest Control per gallon of water. Apply one gallon of emulsion per 1,000 square feet to treat around landscapes, lawn, and buildings. If applications at higher volume are required, Total Pest Control may be diluted at lower concentrations and applied at greater volumes to deliver the desired amount of product per area (refer to the ORNAMENTAL or PERIMETER APPLICATION Dilution Charts).

TOTAL PEST CONTROL PERIMETER APPLICATION DILUTION CHART

Application Volume Gallons Per 1,000 Sq. Ft.	Fluid Ounces* of Total Pest Control Diluted to 100 Gallons				
	0.33 fl. oz./ 1,000 sq. ft.	0.5 fl. oz./ 1,000 sq. ft.	0.67 fl. oz./ 1,000 sq. ft.	0.75 fl. oz./ 1,000 sq. ft.	1.0 fl. oz./ 1,000 sq. ft.
1.0	33.3	50.0	66.7	75.0	100
2.0	16.5	25.0	33.5	37.5	50.0
3.0	11.0	16.7	22.3	25.0	33.3
4.0	8.3	12.5	16.7	18.8	25.0
5.0	6.7	10.0	13.3	15.0	20.0
10.0	3.3	5.0	6.7	7.5	10.0

*To convert fluid ounces to milliliters, multiply by 29.57 1 fluid oz. = 29.57 ml = 2 tablespoons = 6 teaspoons

(continued)

TOTAL PEST CONTROL PERIMETER APPLICATION DILUTION CHART (cont.)

Application Volume Gallons Per 1,000 Sq. Ft.	Fluid Ounces* of Total Pest Control Diluted to 10 Gallons				
	0.33 fl. oz./ 1,000 sq. ft.	0.5 fl. oz./ 1,000 sq. ft.	0.67 fl. oz./ 1,000 sq. ft.	0.75 fl. oz./ 1,000 sq. ft.	1.0 fl. oz./ 1,000 sq. ft.
1.0	3.3	5.0	6.7	7.5	10.0
2.0	1.65	2.5	3.35	3.75	5.0
3.0	1.10	1.67	2.23	2.5	3.33
4.0	0.83	1.25	1.67	1.88	2.5
5.0	0.67	1.0	1.33	1.5	2.0
10.0	0.33	0.5	0.67	0.75	1.0
	Fluid Ounces* of Total Pest Control Diluted to 5 Gallons				
1.0	1.67	2.5	3.33	3.75	5.0
2.0	0.83	1.25	1.67	1.88	2.5
3.0	0.55	0.83	1.11	1.25	1.67
4.0	0.42	0.63	0.84	0.94	1.25
5.0	0.33	0.5	0.67	0.75	1.0
10.0	0.17	0.25	0.33	0.38	0.5

*To convert fluid ounces to milliliters, multiply by 29.57 1 fluid oz. = 29.57 ml = 2 tablespoons = 6 teaspoons

(continued)

TOTAL PEST CONTROL PERIMETER APPLICATION DILUTION CHART (cont.)

Application Volume Gallons Per 1,000 Sq. Ft.	Fluid Ounces* of Total Pest Control Diluted to 1 Gallon				
	0.33 fl. oz./ 1,000 sq. ft.	0.5 fl. oz./ 1,000 sq. ft.	0.67 fl. oz./ 1,000 sq. ft.	0.75 fl. oz./ 1,000 sq. ft.	1.0 fl. oz./ 1,000 sq. ft.
1.0	0.33	0.5	0.67	0.75	1.0
2.0	0.17	0.25	0.33	0.38	0.5
3.0	0.11	0.17	0.22	0.25	0.33
4.0	--	0.13	0.17	0.19	0.25
5.0	--	0.1	0.13	0.15	0.2
10.0	--	--	--	--	0.1

For sections of foundation that abut non-porous horizontal surfaces, the treated areas must be protected from rainfall and spray from sprinklers, or they do not drain into a sewer, storm drain, or curbside gutter (e.g., not to sections that abut driveways or sidewalks that drain into streets).

*To convert fluid ounces to milliliters, multiply by 29.57 1 fluid oz. = 29.57 ml = 2 tablespoons = 6 teaspoons

Do not use household utensils to measure **Total Pest Control**.

IMPREGNATION AND APPLICATION OF TOTAL PEST CONTROL ON DRY BULK LAWN FERTILIZERS

Total Pest Control may be impregnated on dry bulk fertilizers. When applied as directed, **Total Pest Control**/dry bulk fertilizer mixtures provide insect control equal to that provided by the same rates of **Total Pest Control** applied in water.

Impregnation: Apply using a minimum 2.3 pounds of dry bulk fertilizer per 1,000 square ft. with the labeled amount of **Total Pest Control** per 1,000 square ft. Use a closed rotary-drum mixer or a similar type of closed blender equipped with suitable spray equipment. The spray nozzle(s) should be positioned to provide a uniform, fine spray pattern over the tumbling fertilizer for thorough coverage. The physical properties of fertilizers vary, particularly in liquid absorptive capacity. When absorptivity is sufficient, simple spray impregnation of the fertilizer with **Total Pest Control** provides a satisfactory dry mixture. If the absorptive capacity is inadequate, use of a highly absorptive powder is required to provide a dry, flowable mixture. Microcel E (Johns-Manville Products Corporation) is a recommended absorbent

powder. Generally less than 2% by weight of Microcel E is required. **DO NOT** impregnate **Total Pest Control** onto straight coated ammonium nitrate or straight limestone because these materials will not absorb the insecticide. Dry fertilizer blends containing mixtures of ammonium nitrate or limestone may be impregnated with **Total Pest Control**.

The amount of **Total Pest Control** actually required in the preparation of individual fertilizer mixtures should be determined carefully for each production operation. This is necessary to ensure that the amount of pesticide actually contained in the mixture applied to the soil represents the correct rate of use. Apply bulk fertilizer impregnated with **Total Pest Control** immediately. Do not store impregnated fertilizer.

All individual Federal and State regulations relating to bulk dry fertilizer blending, registration, labeling, and application of the mixtures are the responsibility of the individual and/or company selling the fertilizer and **Total Pest Control** mixture.

Fertilizer for this use should be Turf fertilizers recommended for specific regions.

IMPORTANT – DO NOT APPLY TOTAL PEST CONTROL AS FOLLOWS:

- As a broadcast application to interior surfaces of homes.
- To livestock buildings (barns) except as specified in livestock/poultry housing and pet kennel directions.
- In occupied areas of institutions such as libraries, sports facilities, etc. To classrooms when in use. To occupied hospital patient rooms, or rooms in which the infirm, elderly, or children occupy for long periods of time.
- To pets, crops, or sources of electricity.
- To firewood.
- In areas where food is exposed.

IMPORTANT – FOLLOW THESE INSTRUCTIONS WHEN USING TOTAL PEST CONTROL:

- Use in well ventilated areas.
- When treating overhead areas of a structure, the surfaces below must be covered with plastic sheeting or similar material (exception: when applied to soil surfaces in crawl spaces).
- Do not spray solution on or near food, foodstuffs, food contacting surfaces, food utensils or water supplies.
- If contacted by spray solution of this product, thoroughly wash dishes and food handling utensils with soap and water.

- During indoor surface applications, prevent runoff or dripping of product. Allow surfaces to dry before people and pets touch treated surfaces.

NOTE: Total Pest Control will not stain or damage any surface that water alone will not stain or damage. **Total Pest Control** can be applied using low volume treatments with equipment such as the Micro-Injector® or Actisol® applicators. This same equipment may be used to make crack and crevice, deep penetration, spot, and general surface treatments of **Total Pest Control**.

CONTAINER USE DIRECTIONS:



1. Twist off the cap to the measuring compartment and remove the foil induction seal. Put the cap back on and tighten to secure. Tip the container so that the liquid fills the measuring chamber to the desired level.
2. Return the container to a level position and ensure the desired amount is in the measuring chamber.
3. Twist off the cap to the measuring chamber and pour the liquid into the proper application equipment.

To measure more than a single dose: Remove the cap to the chamber side (the right-hand side that is not the measuring side) and pour the liquid following the etchings on the side of the bottle.

STORAGE AND DISPOSAL

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

PESTICIDE STORAGE: Store in original containers only in a cool, dry place. Avoid excess heat. Do not store concentrate or dilute material in food or drink containers. In case of spill, avoid contact, isolate area, and keep out animals and unprotected persons. Confine spills. To Confine Spill: If liquid, dike surrounding area or absorb with sand, cat litter or commercial clay. Place damaged packaging in a holding container and label.

PESTICIDE DISPOSAL: Pesticide wastes are toxic. Do not contaminate water, food, or feed by storage or disposal. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal Law. Dispose of excess or waste pesticide by use according to label directions, or contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

CONTAINER HANDLING: Nonrefillable container. Do not reuse or refill this container. Clean container promptly after emptying.

For containers less than 5 gallons: 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, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

CONDITION OF SALE AND LIMITATION OF WARRANTY AND LIABILITY

NOTICE: Read the entire Directions for Use and Conditions of Sale and Limitation of Warranty and Liability before buying or using this product. If the terms are not acceptable, return the product at once, unopened, and the purchase price will be refunded.

The Directions for Use of this product must be followed carefully. It is impossible to eliminate all risks inherently associated with the use of this product. Ineffectiveness or other unintended consequences may result because of such factors as manner of use or application, weather, presence of other materials or other influencing factors in the use of the product, which are beyond the control of Select Source, LLC or Seller. To the extent consistent with applicable law, all such risks shall be assumed by Buyer and User, and Buyer and User agree to hold Select Source, LLC and Seller harmless for any claims relating to such factors. Select Source, LLC warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated in the Directions for Use, subject to the inherent risks referred to above, when used in accordance with directions under normal use conditions. This warranty does not extend to the use of this product contrary to label instructions, or under abnormal conditions or under conditions not reasonably foreseeable to or beyond the control of Seller or Select Source, LLC, and Buyer and User assume the risk of any such use. **TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, SELECT SOURCE, LLC MAKES NO WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE NOR ANY OTHER EXPRESS OR IMPLIED WARRANTY EXCEPT AS STATED ABOVE.**

To the extent consistent with applicable law, neither Select Source, LLC nor Seller shall be liable for any incidental, consequential, or special damages resulting from the use or handling of this product. **TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, THE EXCLUSIVE REMEDY OF THE USER OR BUYER, AND THE EXCLUSIVE LIABILITY OF SELECT SOURCE, LLC AND SELLER FOR ANY AND ALL CLAIMS, LOSSES, INJURIES OR DAMAGES (INCLUDING CLAIMS BASED ON BREACH OF WARRANTY, CONTRACT, NEGLIGENCE, TORT, STRICT LIABILITY OR OTHERWISE) RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, SHALL BE THE RETURN OF THE PURCHASE PRICE OF THE PRODUCT OR, AT THE ELECTION OF SELECT SOURCE, LLC OR SELLER, THE REPLACEMENT OF THE PRODUCT.**

Select Source, LLC and Seller offer this product, and Buyer and User accept it, subject to the foregoing Conditions of Sale and Limitation of Warranty and Liability, which may not be modified except by written agreement signed by a duly authorized representative of Select Source, LLC.

Micro-Injector® is a registered trademark of Whitmire Micro-Gen Research Laboratories.

Actisol® is a registered trademark of Roussel-Uclaf.

TOTAL PEST CONTROL

GROUP 3A
INSECTICIDE

For Indoor/Outdoor Use

INSECTICIDE

For use to control listed insect pests and mites indoors, in livestock/poultry housing structures and pet kennels, in interiorscapes and outdoors on ornamentals and lawns in landscaped areas around residential, institutional, public, commercial, and industrial buildings, parks, recreational areas and athletic fields.

ACTIVE INGREDIENT:	WT. BY %
Bifenthrin*	7.9%
OTHER INGREDIENTS:	92.1%
TOTAL:	100.0%

Total Pest Control contains 2/3 pound active ingredient per gallon.

*Cis isomers 97% minimum, trans isomers 3% maximum.

KEEP OUT OF REACH OF CHILDREN

CAUTION

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle.
(If you do not understand the label, find someone to explain it to you in detail.)

EPA Reg. No. 98985-6-86869

EPA Est. No. 88746-M0-001 (P), 72344-M0-004 (T),
86869-NC-001 (S)

First letter(s) in the lot number correspond
to the letter(s) following the EPA Est. No.

SEE LABEL BOOKLET FOR COMPLETE PRECAUTIONARY STATEMENTS
AND DIRECTIONS FOR USE.

Distributed By: Select Source, LLC

P.O. Box 250, 10025 Hwy. 264 Alternate, Middlesex, NC 27557

OPEN HERE


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 do so by the 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 by mouth-to-mouth, if possible. Call a poison control center or doctor for further treatment advice. **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.

HOTLINE NUMBERS

Have a product container or label with you when calling a poison control center or doctor, or going for treatment. For 24-hour medical emergency assistance (human or animal), call **1-800-222-1222**. For chemical emergency assistance (spill, leak, fire, or accident), call ChemTrec at **1-800-424-9300**. **NOTE TO PHYSICIAN:** This product is a pyrethroid. If large amounts have been ingested, the stomach and intestine should be evacuated. Treatment is symptomatic and supportive. Digestible fats, oils, or alcohol may increase absorption and so should be avoided.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION

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

ENVIRONMENTAL HAZARDS

This pesticide is extremely toxic to fish and aquatic invertebrates. 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. Rinsing application equipment over the treated area will help avoid run off to water bodies or drainage systems. Care should be used when spraying to avoid fish and reptile pets in/around ornamental ponds.

This product is highly toxic to bees exposed to direct treatment or residues on blooming crops or weeds. Do not apply this product or allow to drift to blooming crops if bees are visiting the treatment area.

STORAGE AND DISPOSAL

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