

GROUP 3 INSECTICIDE



For use in, on and around buildings and structures for the control of listed pests, including on lawns, ornamental trees and shrubs around residential, institutional, public, commercial, agricultural and industrial buildings; and parks, recreational areas and athletic fields.



Do not use on golf course turf.

Active Ingredient: Lambda-cyhalothrin¹ (CAS No. 91465-08-6): 9.7%

Other Ingredients: 90.3%

Total: 100.0%

¹Synthetic pyrethroid, capsule suspension (microencapsulated)

KEEP OUT OF REACH OF CHILDREN.

CAUTION/PRECAUCIÓN

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.)

See additional precautionary statements and directions for use in booklet.

EPA Reg. No. 100-1066 EPA Est. 61282-WI-1

Product of the United Kingdom

SCP 1066A-L1N 1114

1 quart

Net Contents

Table with 2 columns: Condition (e.g., If on skin or clothing, If in eyes) and First Aid instructions. Includes sections for FIRST AID, HOT LINE NUMBER (1-800-888-8372), and PRECAUTIONARY STATEMENTS.

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

CAUTION/PRECAUCIÓN

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

Environmental Hazards

This product 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.

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 it to drift to blooming crops or weeds if bees are visiting the treatment area.

Physical and Chemical Hazards

Do not use this product in or on electrical equipment due to the possibility of shock hazard.

CONDITIONS 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. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as manner of use or application, weather or crop conditions, presence of other materials or other influencing factors in the use of the product, which are beyond the control of SYNGENTA CROP PROTECTION, LLC or Seller. To the extent permitted by applicable law, Buyer and User agree to hold SYNGENTA and Seller harmless for any claims relating to such factors.

SYNGENTA 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. To the extent permitted by applicable law: (1) this warranty does not extend to the use of this product contrary to label instructions or under conditions not reasonably foreseeable to or beyond the control of Seller or SYNGENTA, and (2) Buyer and User assume the risk of any such use. TO THE EXTENT PERMITTED BY APPLICABLE LAW, SYNGENTA MAKES NO WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE NOR ANY OTHER EXPRESS OR IMPLIED WARRANTY EXCEPT AS WARRANTED BY THIS LABEL.

To the extent permitted by applicable law, in no event shall SYNGENTA be liable for any incidental, consequential or special damages resulting from the use or handling of this product. **TO THE EXTENT PERMITTED BY APPLICABLE LAW, THE EXCLUSIVE REMEDY OF THE USER OR BUYER, AND THE EXCLUSIVE LIABILITY OF SYNGENTA 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 SYNGENTA OR SELLER, THE REPLACEMENT OF THE PRODUCT.**

SYNGENTA 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 SYNGENTA.

DIRECTIONS FOR USE

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

IMPORTANT: Not for use on plants being grown for sale or other commercial use, or for commercial seed production, or for research purposes. For use on plants intended for aesthetic purposes or climatic modification and being grown in interior landscapes, ornamental gardens or parks, or on lawns or grounds.

- Do not apply directly to impervious horizontal surfaces such as sidewalks, driveways, and patios except as a spot or crack-and-crevice treatment. During application, do not allow pesticide to enter or runoff into storm drains, drainage ditches, gutters or surface waters.

- All outdoor applications must be limited to spot or crack-and-crevice treatments only, except for the following permitted uses:
 1. Treatment to soil or vegetation around structures;
 2. Applications to lawns, turf, and other vegetation;
 3. Applications to building foundations, up to a maximum height of 3 feet above grade;
 4. Applications to underside of eaves, soffits, doors, or windows permanently protected from rainfall by a covering, overhang, awning, or other structure;
 5. Applications around potential pest entry points into buildings, when limited to a surface band not to exceed one inch in width;
 6. Applications made through the use of a coarse, low pressure spray to only those portions of surfaces that are directly above bare soil, lawn, turf, mulch or other vegetation, as listed on this label, and not over an impervious surface, drainage or other condition that could result in runoff into storm drains, drainage ditches, gutters, or surface waters, in order to control occasional invaders or aggregating pests.
- Do not water the treated area to the point of run-off.
- Do not make applications during rain.
- Do not apply directly to sewers or drains, or to any area like a gutter where drainage to sewers, storm drains, water bodies, or aquatic habitat can occur, except as directed by this label.

This product is restricted for use in the State of New York.

Resistance Management

Demand CS Insecticide is a Group 3 Insecticide that contains the active ingredient lambda-cyhalothrin. Due to the inherent risk of the development of resistance to any pesticide product, it is strongly advised that Demand CS Insecticide be used in a sound resistance-management program.

It is recommended that the following resistance management practices be followed, including, but not limited to:

- Rotating Demand CS Insecticide with products with different modes of action,
- Avoiding treatment of successive generations with Demand CS Insecticide, and
- Using labeled rates at specified spray intervals.

For additional information about implementing these or other resistance management practices, consult an Extension advisor or company representative.

INFORMATION: STRUCTURAL AND PERIMETER PEST CONTROL

For use as a surface, crack-and-crevice, or spot treatment in, on, and around buildings and structures and their immediate surroundings, and on modes of transport. Permitted areas of use include, but are not limited to, aircraft (cargo and other non-cabin areas only), apartment buildings, boiler rooms, buses, closets, correctional facilities, decks, entries, factories, fencing, floor drains (that lead to sewers), food granaries, food grain mills, food manufacturing, processing and serving establishments; furniture, garages, garbage rooms, greenhouses (non-commercial), hospitals, hotels and motels, houses, industrial buildings, laboratories, livestock/poultry housing, landscape vegetation, locker rooms, machine rooms, mausoleums, mobile homes, mop closets, mulch, nursing homes, offices, patios, pet kennels, porches, railcars, restaurants, storage rooms, schools, sewers (dry), stores, trailers, trees, trucks, utility passages, vessels, vestibules, warehouses, wineries and yards.

For indoor applications, retreat at 21-day intervals or as necessary to maintain control.

Mixing Instructions

Demand CS Insecticide is intended for dilution with water for application using hand-held or power-operated application equipment as a coarse spray for crack-and-crevice or spot and surface treatments. Application equipment that delivers low volume treatments, such as the Micro-Injector® or Actisol® applicator, may also be used to make crack-and-crevice or spot and surface treatments. Fill applicator tank with the desired volume of water and add Demand CS Insecticide. Close and shake before use in order to ensure proper mixing. Shake or re-agitate applicator tank before use if application is interrupted. Mix only amount required. A surface treatment of Demand CS Insecticide may be applied by using a paintbrush or other porous applicator attached to a handle.

Tank Mixing

Demand CS Insecticide may be tank-mixed with other currently registered pesticides unless expressly prohibited by the product label. To ensure compatibility, conduct a small volume mixing test with the other products. If mixed with sanitizers, add Demand CS Insecticide to the tank first. If other chemicals are added to the applicator tank, add Demand CS Insecticide last. If mixed with EC formulations, use within 24 hours. Fill tank to desired volume and continue to agitate while making applications.

Demand CS Insecticide may be tank-mixed with an Insect Growth Regulator (IGR) such as Archer® Insect Growth Regulator.

Observe all restrictions and precautions which appear on the labels of these products.

Foam Applications

Demand CS Insecticide may be converted to foam and the foam used to treat structural voids to control or prevent pests including ants, bees, termites (above ground only), wasps, or other arthropods harboring in walls, under slabs, or in other void areas.

RATES FOR STRUCTURAL PESTS (HAND APPLICATION EQUIPMENT)

Pests	Concentration of AI	Dilution Rate
Ants	0.015–0.03%	0.015%:
Bedbugs (adult)		0.2 fl oz
Bees		(6 mL)/gal of water
Beetles		
Boxelder Bugs		0.03%:
Carpenter Bees		0.4 fl oz
Carpet Beetles		(12 mL)/gal
Centipedes		of water
Cigarette Beetles		
Clover Mites		
Cockroaches ¹		
Confused Flour Beetles		
Crickets		
Earwigs		
Firebrats		
Fleas ²		
Flies		
Lesser Grain Borers		
Millipedes		
Mosquitoes		
Red Flour Beetles		
Rice Weevils		
Saw-toothed Grain Beetles		
Silverfish		
Sowbugs		
Spiders		
Termites (above ground only)		
Ticks		
Wasps		

Pests	Concentration of AI	Dilution Rate
Cockroaches ¹	0.06%	0.8 fl oz (24 mL)/gal of water
Crickets ⁶		
Flies ^{5*}		
Litter Beetles ³ (such as Darkling, Hide, and Carrion)		
Mosquitoes ⁴		
Pillbugs		
Scorpions		
Spiders ⁶		
Spider Mites		
(Twospotted, Spruce)		
Ticks ⁶		

*Not approved for use in California at the high rate.

¹ For cockroaches, the recommended rate for maintenance treatments is 0.015% and for clean-out treatments is 0.03%.

For control of SEVERE infestations, use 0.06% rate.

² For outdoor use only and use 0.03% rate.

³ For control of LIGHT beetle infestations, use 0.03% rate.

⁴ For residual control, use 0.06% rate.

⁵ Rates for flies may be increased to 0.06% when environmental conditions are severe and/or populations are high.

⁶ For clean-out/severe infestations, use 0.06% rate.

SPECIFIC USE DIRECTIONS

Ants

Apply to any trails around doors and windows and other places where ants may be found. For best results, locate and treat nests. Where ants are trailing inside, apply as a residual surface treatment to active areas such as baseboards, corners, around pipes, in and behind cabinets, behind and under refrigerators, sinks, furnaces and stoves, cracks and crevices. When combining baits and residual surface insecticides, apply surface insecticides in cracks and crevices, and along baseboards, infested surfaces, and outside barrier treatments. Treatment of perimeter landscaping can reduce honeydew-producing insects and limit this ant food source. Use baits in other areas that are untreated by residual insecticides; also see **Outdoor Surfaces Use**.

Cockroaches, Crickets, Earwigs, Firebrats, Silverfish, and Spiders

Apply as a coarse, low-pressure spray to areas where these pests hide, such as baseboards, corners, storage areas, closets, around water pipes, doors and windows, attics and eaves, cabinets, behind and under refrigerators, furniture, sinks, furnaces and stoves, the underside of shelves, drawers and similar areas. Pay particular attention to cracks and crevices; also see **Outdoor Surfaces Use**.

Bedbugs

Clean floors and surfaces by vacuuming before applications. Apply as a coarse, low-pressure spray to harborage areas including crevices, baseboards, loose plaster, behind bed frames and headboards, beneath beds and furniture, and to bedsprings and bed frames. Do not apply to furniture surfaces or mattresses where people will be laying or sitting. Do not treat infested bedding, but remove and place in sealed plastic bags, and take for laundering and drying at high temperatures.

Bees, Flies, Mosquitoes, and Wasps

Apply directly to walls, ceilings, window screens, and other resting areas as a residual surface treatment. Demand CS Insecticide may be used inside residential buildings as well as in and around carports, garages, and storage sheds; also see **Outdoor Surfaces Use**. Use caution when treating nests of stinging insects as Demand CS Insecticide does not provide instant knockdown. Protective equipment for the applicator may be required. For best results, treat bee, wasp and hornet nests late in the day when most insects will be present. Allow 2-3 days for colony to die and retreat if necessary.

For mosquito control, apply as a structural perimeter spray to landscape plantings, turf, and building foundations to control mosquitoes. Yards or other frequented areas enclosed by landscaping can benefit from the creation of a mosquito barrier to reduce invading mosquitoes by the treatment of perimeter vegetation. Apply Demand CS Insecticide at specified rates in 2–5 gallons of water per 1,000 sq ft. Higher volumes applied result in better coverage and, as a rule, will improve control. Application to vegetation away from structures may require additional certification, e.g., in turf or ornamental categories. Consult your state regulatory agency for requirements.

Carpenter Bees

Apply coarse spray to thoroughly wet wood surfaces where bees have been previously active or to provide protection against further damage. Apply early in the spring to prevent bees from invading wood. When bees have infested wood, surface applications can help control embedded larvae and bees that emerge from the wood. Applications can be made on a monthly basis to maintain protection of treated areas.

Pantry Pests (i.e., Carpet beetle, Cigarette beetle, Confused flour beetle, Lesser grain borer, Red flour beetle, Rice weevil, and Saw-toothed grain beetle)

Apply to cupboards, shelving, and storage areas. Remove all utensils, uncovered foodstuffs (or any having original package opened), and shelf paper before making application. Allow treated surfaces to dry and cover shelves with clean paper before replacing any utensils, foodstuff, or other items. Any foodstuff accidentally contaminated with treatment solution should be destroyed.

Boxelder Bugs, Centipedes, Millipedes, Pillbugs, and Sowbugs

Apply around doors and windows and other places where these pests may be found or where they may enter premises. Treat baseboards, storage areas, and other locations. Apply barrier treatments to prevent infestation as described below; also see **Outdoor Surfaces Use**.

Fleas and Ticks

To control nuisance fleas and ticks (e.g., dog ticks) apply to kennels, yards, runs, and other areas where pets may frequent. For best coverage to control ticks, apply using a coarse fan spray to vegetation brush, branches, rock walls, and other areas near habitation where ticks may harbor or frequent. Treat entire area rather than making spot treatments, and retreat as necessary to maintain control. Do not apply to pasture or cropland, and do not allow animals and people access to treated areas until the deposit has dried. Applications can be made on a monthly basis, beginning in the spring and can continue until frost to control both larvae and adult ticks. Also, treat pets with a product registered for flea and tick control. See **Outdoor Surfaces Use**.

Cluster Flies

Apply in late summer or early fall before flies are observed alighting on surfaces. Apply thoroughly on siding, under eaves, and around windows and doors, paying particular attention to south-facing surfaces. Apply just enough dilution to adequately cover the area without excessive dripping or runoff. Volume can vary depending on the surface type treated. Heavy precipitation prior to frost may require retreatments to maintain protection. In winter and spring when flies become active and are emerging, interior crack-and-crevice and void treatments can help reduce the infestation, along with ULV or surface application in infested attics or unoccupied lofts.

Litter Beetles (Darkling, Hide, and Carrion Beetles) and Flies in Animal Housing (Such as Poultry Houses)

To control adult litter beetles, apply Demand CS Insecticide to walls and floors at cleanout, before reintroduction of animals. This will suppress beetles that escaped earlier treatment and will help delay onset of future infestations. Pay attention to areas where beetles frequently occur, such as walls, supports, cages, stalls, and around feeders. To help control flies, apply a directed application to horizontal surfaces and overhead areas and allow it to dry before reintroduction of animals; also see **Livestock/Poultry Housing Structures and Pet Kennels**.

Application within Food-Handling Establishments (places other than private residences in which exposed food is held, processed, prepared, or served) including, but not limited to, areas for receiving, storage, packing (canning, bottling, wrapping, boxing), preparing foods, edible waste storage and enclosed processing systems (mills, dairies, edible oils, syrups), and serving areas.

Use as a crack-and-crevice or spot treatment in and around both food and nonfood areas. Apply in small amounts directly into cracks and crevices, using equipment capable of delivering a pin stream of insecticide, in points between different elements of construction, between equipment and floor, openings leading to voids and hollow spaces in walls, equipment and bases. Clean food contact surfaces and equipment with an effective cleaning compound and rinse with potable water before using.

Limit individual spot treatments to an area no larger than 20% of the treated surface. Individual spot treatments should not exceed 2 sq ft. Take extreme care that the product is not introduced into the air. Avoid contamination of food and food processing surfaces.

Application within Food-Serving Areas (facilities where foods are served, such as dining rooms)

Apply as a crack-and-crevice or spot treatment to selective surfaces such as baseboards, under elements of construction, and into cracks and crevices. Do not treat surfaces likely to be contacted by food. (Do not apply when facility is in operation or foods are exposed.) Food must be covered or removed in area being treated. Do not apply directly to food or allow applications to contaminate food.

Application of this product in the Food Areas and/or Food-Serving Areas of Food-Handling Establishments other than as a spot and/or crack-and-crevice treatment is not permitted. Limit the use of application equipment such as the Micro-Injector or Actisol applicator in food areas to crack-and-crevice treatment only.

Livestock/Poultry Housing Structures and Pet Kennels

Apply as a surface (including directed sprays) and/or crack-and-crevice treatment. Control is enhanced when interior and exterior perimeter applications are made in and around the livestock, poultry, and pet housing structures. Normal cleaning practices of the structure also must be followed along with applications of Demand CS Insecticide to effectively control the crawling and flying insect pests listed in the table.

For unoccupied areas of livestock barns or housing structures, apply to floors, vertical, and overhead surfaces where crawling or flying insect pests are or may be present. Cover feeders, waterers, and feed carts before application to prevent contamination. Do not apply to milk rooms or feed rooms. Pay attention to animal areas including stanchions, pipes, windows and doors, and areas where insect pests hide or congregate. Exterior applications to south facing walls and foundation perimeters can help prevent interior infestations of flying and crawling insect pests.

For poultry houses, apply to floor area (birds grown on litter) or to walls, posts, and cage framing (birds grown in cages). Also make applications into cracks and crevices around insulation. Reapply after each grow-out or sanitization procedure. Indoor control can be enhanced by making perimeter treatments around the outside of building foundations to prevent immigrating adult beetles. Apply in a uniform band 1–3 ft up and 2–6 ft out from foundation. Maintaining a year-round treatment program will prevent background populations from reaching problem levels.

Do not make interior applications of Demand CS Insecticide in areas of facility where animals other than cattle or calves are present. Allow treated surfaces to completely dry before restocking the facility.

DO NOT make applications to any animal feedstuffs, water, or watering equipment.

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

Outdoor Surfaces Use

For control of ants, bees, centipedes, cockroaches, crickets, fleas, flies, millipedes, mosquitoes, scorpions, sowbugs, pillbugs, spiders, termites (above-ground only), ticks, wasps, and other similar perimeter arthropod pests. Apply with either hand or power application equipment as a residual treatment to ornamental plants next to foundations of buildings and to surfaces of buildings, porches, screens, window frames, eaves, patios, garages, refuse dumps, and other similar areas where these insect pests are active. For termites, this type of application is not intended as a substitute for soil treatment-labeled termiticides, mechanical alteration to control subterranean termites, or fumigation for extensive infestation of drywood termites or other wood-infesting insects. The purpose of such applications of Demand CS Insecticide for termites is to kill workers or winged reproductive forms which may be present in treated channels at the time of treatment. Such applications are not a substitute for mechanical alteration, soil treatment or foundation treatment, but are merely a supplement. This product is not recommended as sole protection against termites. For active termite infestations, get a professional inspection.

Structural Perimeter Barrier Treatments

Applying a continuous band of insecticide around a building foundation and around windows, doors, service line entrances, eaves, vents, and other areas can greatly reduce the potential for entry by crawling pests. To facilitate application, remove debris and leaf litter from next to the foundation, cut back vegetation and branches that touch the foundation, and move or rake back rocks, deep mulch, or other potential pest harborage next to the foundation. Apply the band up to 10-ft wide around the structure (or according to state regulations governing commercial pest control) and upwards along the foundation to 3 ft and around windows, doors, and roof overhangs. Apply as a coarse spray to thoroughly and uniformly wet the foundation and/or band area so that the insecticide will reach the soil or thatch level where pests may be active.

Amount of concentrate is dependent upon pest species (see pest table and comments), infestation levels, and service interval desired.

Rate Table for Structural Perimeter Barrier Applications

Application Rate of Demand CS Insecticide	Gallons of Water ¹	Area of Coverage (sq ft)
0.2 fl oz (6 mL)	1-5	800–1,600
0.4 fl oz (12 mL)	1-5	800–1,600
0.8 fl oz (24 mL)	1-5	800–1,600

¹Application volume may be greater than 5 gal/800–1,600 sq ft if required under heavy vegetative or landscaping materials in order to obtain desired coverage.

Examples of Dilutions for Structural Perimeter Barrier Applications

Application Volume: Gallons of Solution/1,000 sq ft	Application Rate of Demand CS Insecticide/1,000 sq ft	Amount of Demand CS Insecticide to Dilute in Water According to Spray Tank Volumes		
		5 gallons	10 gallons	50 gallons
1	0.2 fl oz (6 mL)	1 fl oz (30 mL)	2 fl oz (60 mL)	10 fl oz (300 mL)
	0.4 fl oz (12 mL)	2 fl oz (60 mL)	4 fl oz (120 mL)	20 fl oz (600 mL)
	0.8 fl oz (24 mL)	4 fl oz (120 mL)	8 fl oz (240 mL)	40 fl oz (1200 mL)
2	0.2 fl oz (6 mL)	0.5 fl oz (15 mL)	1 fl oz (30 mL)	5 fl oz (150 mL)
	0.4 fl oz (12 mL)	1 fl oz (30 mL)	2 fl oz (60 mL)	10 fl oz (300 mL)
	0.8 fl oz (24 mL)	2 fl oz (60 mL)	4 fl oz (120 mL)	20 fl oz (600 mL)
5	0.2 fl oz (6 mL)	0.2 fl oz (6 mL)	0.4 fl oz (12 mL)	2 fl oz (60 mL)
	0.4 fl oz (12 mL)	0.4 fl oz (12 mL)	0.8 fl oz (24 mL)	4 fl oz (120 mL)
	0.8 fl oz (24 mL)	0.8 fl oz (24 mL)	1.6 fl oz (48 mL)	8 fl oz (240 mL)

Example calculation: to apply the mid-rate of Demand CS Insecticide at a volume of 5 gal/1,000 sq ft, mix 4 fl oz of concentrate in 50 gallons of water.

The percent active ingredient in the finished Demand CS Insecticide dilution can be calculated with the following formula:

mL needed to add times 9.7% active in concentrate, divided by gallons finished dilution times 3,785 mL/gal = % active in dilution. (Example: 4 fl oz in 50 gallons is 120 mL, times 9.7 equals 1,164, and 50 gallons times 3,785 is 189,250. Dividing 1,164 by 189,250 equals 0.006% active in the tank dilution).

NOTE: Do not use water-based sprays of Demand CS Insecticide in conduits, motor housings, junction boxes, switch boxes, or other electrical equipment because of possible shock hazard. Thoroughly wash out sprayer and screen with water and detergent before using Demand CS Insecticide. Demand CS Insecticide has not stained or caused damage to painted or varnished surfaces, plastics, fabrics, or other surfaces where water applied alone causes no damage. However, treat a small area and allow it to dry to determine whether staining will occur.

LET TREATED SURFACES DRY BEFORE ALLOWING HUMANS AND PETS TO CONTACT SURFACES.

Do not use this product with oil.

Do not apply this product in any room being used as living, eating, sleeping, or recovery area by patients, the elderly, or infirm when they are in the room.

Do not apply to classrooms when in use.

Do not apply to institutions (including libraries, sports facilities, etc.) in the immediate area when occupants are present.

Do not apply this product to edible growing crops or stored raw agricultural commodities used for food or feed.

Do not allow applications to contact water inhabited by fish, such as in aquariums and ornamental fish ponds that are located in/ around structures being treated.

INFORMATION: LAWNS/TURFGRASS AND ORNAMENTALS

Demand CS Insecticide may be used for applications to maintain indoor or outdoor areas where turf and ornamentals are grown, such as residential landscaped areas and non-residential landscapes around institutional, public, commercial and industrial buildings, parks, recreational areas, and athletic fields. Application rates for turf and ornamental applications of Demand CS Insecticide are lower than structural pest control rates, reflecting that treatment intervals are generally more frequent.

Applicators must ensure that they are certified in the necessary pesticide certification categories to allow application of Demand CS Insecticide away from structures, such as to turf and ornamental plantings. Structural pest control certification categories may limit the distance away from structures for pesticide application. Consult your state extension office or pesticide regulatory officials for further information.

IMPORTANT: Time application to flowering plants during periods when pollinating insects are not present, such as early morning or late evening.

Do not apply this product through any type of irrigation system.

Do not apply this product to edible crops.

Do not apply this product by aerial application.

Use of this pesticide adjacent to water may affect aquatic organisms. To protect these organisms, do not apply this pesticide within 25 ft of lakes, reservoirs, rivers, permanent streams, marshes or natural ponds, estuaries, and commercial fish farm ponds.

Do not make outdoor broadcast applications to turf and ornamentals when wind speed is 15 mph or greater.

In the State of New York, do not apply within 100 ft of coastal marshes or streams that drain into coastal marshes.

Mixing Instructions (Turf and Ornamental Dilutions)

Demand CS Insecticide is to be mixed with water and may be used in all types of standard application equipment. Fill applicator tank with the desired volume of water and add Demand CS Insecticide. Adjust water pH with a buffering agent if necessary to achieve a pH of 5-7. Slowly add Demand CS Insecticide to applicator tank water with maximum agitation. Close and shake or re-agitate applicator tank before use if application is interrupted. Make up only amount of treatment volume as required.

Tank Mixing (Turf and Ornamental Dilutions)

Demand CS Insecticide may be tank-mixed with other currently registered pesticides unless expressly prohibited by the product label. Adjuvants such as spreader stickers, wetting agents, and penetrants may also be added. To ensure compatibility, conduct a small volume mixing test with the other products. If other chemicals are added to the applicator tank, add Demand CS Insecticide last. Fill tank to desired volume and continue to agitate while making applications. If mixed with EC formulations, use within 24 hours.

Observe all restrictions and precautions which appear on the labels of these products.

Tank Dilution Rates for Ornamental Pests

Use	Pest	Amount of Demand CS Insecticide
Ornamentals in Residential Landscaped Areas and Landscaped Areas Around Institutional, Public, Commercial and Industrial Buildings, Parks, Recreational Areas, and Athletic Fields (Including Trees, Shrubs, Flowers, Evergreens, Foliage Plants and Groundcovers)	Ants (including Imported Fire Ants)	1.5-5 fl oz/ 100 gal
	Armyworms Azalea caterpillars Aphids Bagworms Black vine weevils (adult) Boxelder bugs Budworms California oakworms Cankerworms Cockroaches Crickets Cutworms Eastern tent caterpillars Elm leaf beetles European sawflies Fall webworms Flea beetles Forest tent caterpillars Gypsy moth larvae Japanese beetles (adults) June beetles (adults) Lace bugs Leaf-feeding caterpillars Leafhoppers Leafminers (adults) Leaf rollers Leaf skeletonizers Midges Mosquitoes Oleander moth larvae Pillbugs Pine sawflies Pine shoot beetles Pinetip moths Plant bugs Root weevils Sawflies Scale insects (crawlers) Spiders Spittlebugs Striped beetles Striped oakworms Thrips Tip moths Tussock moth larvae Wasps	or 44-148 mL/ 100 gal
	Broadmites Brown soft scale California red scale (crawlers) Clover mites Mealybugs Pine needle scale (crawlers) Spider mites Whiteflies	3-5 fl oz/ 100 gal or 88-148 mL/ 100 gal

Example calculation: to prepare a mid-rate dilution of Demand CS Insecticide, mix 3 fl oz (88 mL) of concentrate in 100 gallons.

Start application to ornamentals prior to the establishment of high insect pest populations. Make reapplications as necessary to keep pest populations under control, using higher rates as pest pressure increases.

Apply at 7-day intervals if retreatment is necessary. Limit more frequent treatments to spot treatments. Recognize that as plants grow, new foliage will be unprotected until treated.

Do not apply more than 0.36 lb of the ai (52.4 fl oz of concentrate)/A per year.

Good spray coverage is necessary to provide the most effective level of control. Addition of a spreader-sticker at specified rates may enhance the control of insects on certain species of ornamentals having waxy, hard-to-wet foliage.

For spot treatments, use 0.5 fl oz Demand CS Insecticide per 1–2½ gal of water.

Consult your state university or local Cooperative Extension Service office for specific pest control application timing in your area.

NOTE: While phytotoxicity testing has been carried out on a wide range of ornamental plants under various environmental conditions, and no phytotoxicity has been observed, certain cultivars may be sensitive to the final spray solution.

Pre-spray a selection of ornamental plants and observe them for 7–10 days prior to treating large areas if local use experience is unavailable. This is especially advisable if Demand CS Insecticide is being mixed with another product or ingredient besides water. See **Tank Mixing (Turf and Ornamental Dilutions)** instructions.

Scale: Thoroughly cover the plant with Demand CS Insecticide spray, including trunks, stems, twigs, and foliage for control of scale insects (crawler stage).

Bagworm: Apply Demand CS Insecticide when bagworm larvae begin to hatch. Spray directly on the larvae. Application is the most effective when the larvae are young.

Demand CS Insecticide Mixing Chart for Ornamental Insect Pest Control

Rate of Demand CS Insecticide	Amount of Demand CS Insecticide to Dilute in Water According to Spray Volumes				
	25 gallons	50 gallons	100 gallons	200 gallons	300 gallons
1.5 fl oz ¹	0.4 fl oz	0.8 fl oz	1.5 fl oz	3 fl oz	4.5 fl oz
3 fl oz ²	0.8 fl oz	1.5 fl oz	3 fl oz	6 fl oz	9 fl oz
5 fl oz ³	1.3 fl oz	2.5 fl oz	5 fl oz	10 fl oz	15 fl oz

¹ Equivalent to 3.5 mL/1,000 sq ft (or 5 fl oz/A) when applied at 8 gal/1,000 sq ft.

² Equivalent to 7 mL/1,000 sq ft (or 10 fl oz/A) when applied at 8 gal/1,000 sq ft.

³ Equivalent to 9.5 mL/1,000 sq ft (or 14 fl oz/A) when applied at 8 gal/1,000 sq ft.

Power Spray Rates for Lawn and Turfgrass Pests

Use	Pests	Amount of Demand CS Insecticide
Lawns/Turfgrass Around Residential, Institutional, Public, Commercial and Industrial Buildings, Parks, Recreational Areas and Athletic Fields	Ants (including Imported Fire Ants)	3.4-7 mL/1,000 sq ft
	Armyworms	or
	Centipedes	5–10 fl oz/A
	Crickets	
	Cutworms	
	Earwigs	
	Fleas (adult)	
	Grasshoppers	
	Japanese beetles (adult)	
	Millipedes	
	Mites	
	Mosquitoes (adult)	
	Pillbugs	
	Sod webworms	
	Sow bugs	
Ticks (including species which transmit Lyme disease)		
	Bluegrass billbugs (adult)	7 mL/1,000 sq ft
	Black turfgrass ataenius (adult)	or
	Chiggers	10 fl oz/A
	Fleas (adult)	
	Grubs (suppression)	
	Hyperodes weevils (adult)	
	Mole crickets (nymphs and young adults)	

Example calculation: to treat listed turf pests at the mid-rate for Demand CS Insecticide of 7 mL/1,000 sq ft, determine gallons dilution/1,000 sq ft needed to cover turf. At 5 gallons/1,000 sq ft, add 7 mL ÷ 5 or 1.4 mL per gallon. For a 50-gallon tank, this would be equivalent to 70 mL or 2.5 fl oz in 50 gallons water.

Start application to turf prior to the establishment of high insect pest populations and significant turf damage. Make reapplications as necessary to keep pest populations under control, using higher rates as pest pressure increases.

Apply at 7-day intervals if retreatment is necessary. Limit more frequent treatments to spot treatments.

Do not apply more than 0.36 lb of ai (52.4 fl oz of concentrate)/A per year.

For spot treatments, use 0.5 fl oz of Demand CS Insecticide per 1–2.5 gallons of water.

Do not apply when turfgrass is waterlogged or when soils are saturated with water (i.e., will not accept irrigation).

KEEP CHILDREN AND PETS OFF TREATED AREAS UNTIL SPRAY HAS DRIED FOLLOWING THE APPLICATION.

Surface Insect Control (armyworm, cutworms, fleas, etc.)

Apply Demand CS Insecticide at specified rates in 2–5 gallons of water per 1,000 sq ft. The use of a spreader-sticker may be useful if high rainfall amounts are forecast, otherwise the addition of adjuvants is not necessary under normal conditions for surface insect control in turf. Delay watering or mowing for 12–24 hours for optimum control of surface-feeding insect pests.

Thatch-Inhabiting Insect Control (chinch bugs, billbugs, etc.)

Apply Demand CS Insecticide at specified rates in 2–10 gallons of water per 1,000 sq ft. The use of a nonionic wetting agent, penetrant or similar adjuvant is recommended. Lightly irrigate after application with up to 1/2 inch of water to move the Demand CS Insecticide into the thatch layer. If irrigation is not available, then use high water application rates for optimum results.

Subsurface Insect Control (mole crickets, grubs, etc.)

Apply Demand CS Insecticide at specified rates in 4–10 gallons of water per 1,000 sq ft. The use of a nonionic wetting agent, penetrant or similar adjuvant is strongly recommended. Use the highest water application rates possible with your sprayer. Apply Demand CS Insecticide to turf wet with dew, rain or irrigation. Water in immediately after application with 1/4–1/2 inch of water for optimum results.

Fire Ant Control

Treat individual mounds with a drench application using a watering can. Use 0.5 fl oz of Demand CS Insecticide per 2.5 gallons of water. Thoroughly soak each mound and a 3-ft diameter circle around each mound. Gently apply the mixture to avoid disturbing the mound. Disturbing the mound may cause the ants to migrate and reduce the effectiveness of the treatment. For best results, apply in early morning or late evening hours. Applications can be made on a monthly basis to maintain protection of treated areas.

Mosquito Control

Apply as a spray around landscape plantings, turf, and building foundations to control mosquitoes. Yards or other frequented areas enclosed by landscaping can benefit from the creation of a mosquito barrier to reduce invading mosquitoes by the treatment of perimeter vegetation. Apply Demand CS Insecticide at specified rates in 2–5 gallons of water per 1,000 sq ft. Higher volumes applied result in better coverage and, as a rule, will improve control.

Demand CS Insecticide Mixing Chart for Turf Insect Pest Control

(Demand CS Insecticide to add per 100 gal spray tank)

Rate of Demand CS Insecticide	Application Rate Per 1,000 sq ft of Turf				
	2 gallons	4 gallons	6 gallons	8 gallons	10 gallons
5 fl oz/A	5.7 fl oz	2.9 fl oz	1.9 fl oz	1.4 fl oz	1.2 fl oz
10 fl oz/A	11.5 fl oz	5.7 fl oz	3.8 fl oz	2.9 fl oz	2.3 fl oz

Conversion Rate: 1 fluid ounce (fl oz) equals 29.6 milliliters (mL).

STORAGE AND DISPOSAL

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

Pesticide Storage

Keep container closed when not in use. Do not store near food or feed. Shake well before 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 storage area until proper disposal can be made.

Pesticide Disposal

Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative of the nearest EPA Regional Office for guidance.

Container Handling

Non-refillable 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 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 mix tank or store rinsate for later use and 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 empty container in a sanitary landfill or by incineration.

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

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For non-emergency (e.g. current product information) call Syngenta Crop Protection at 1-800-334-9481.

Manufactured for:
Syngenta Crop Protection, LLC
P.O. Box 18300
Greensboro, North Carolina 27419-8300

SCP 1066A-L1N 1114



Insecticide

An insect growth regulator (IGR) for use in homes, apartments, schools, warehouses, offices, and other private, commercial or public buildings; in food and non-food areas of restaurants, food warehouses, and food-handling and food-processing establishments; in transport vehicles and animal housing facilities; and outdoor treatments on and adjacent to buildings and structures, on lawns, and in pet areas

Active Ingredient:

Pyriproxyfen: 2-[1-methyl-2-(4-phenoxyphenoxy) ethoxy] pyridine: 1.3%

Other Ingredients:* 98.7%

Total: 100.0%

*Contains petroleum distillates

Archer® Insect Growth Regulator is an emulsifiable concentrate (EC) formulation that contains 0.092 lb of active ingredient per gallon.

KEEP OUT OF REACH OF CHILDREN. / MANTÉNGASE FUERA DEL ALCANCE DE LOS NIÑOS.

CAUTION/PRECAUCIÓN

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.)

See additional precautionary statements and directions for use in booklet.

EPA Reg. No. 100-1111

EPA Est. No. 1021-MN-2

SCP 1111A-L1F 1015

1 pint (473 ml)

Net Contents

syngenta®

FIRST AID / PRIMEROS AUXILIOS

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.
If swallowed	<ul style="list-style-type: none"> • Call a poison control center or doctor immediately for treatment advice. • Do not give any liquid to the person. • 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.

NOTE TO PHYSICIAN

Contains petroleum distillate – vomiting may cause aspiration pneumonia.

Have the product container or label with you when calling a poison control center or doctor or going for treatment.

HOTLINE NUMBER

For 24-Hour Medical Emergency Assistance (Human or Animal)

Or Chemical Emergency Assistance (Spill, Leak, Fire, or Accident), Call

1-800-888-8372

Tenga a la mano el envase o la etiqueta del producto cuando llame a un centro de control de envenenamiento o a un médico, o intente obtener tratamiento. Para más información sobre el tratamiento médico de emergencia, llame al **1-800-888-8372**.

PRECAUTIONARY STATEMENTS

Hazards to Humans

CAUTION

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

continued...

PRECAUTIONARY STATEMENTS (continued)

Environmental Hazards

This product is toxic to fish and aquatic invertebrates. Drift and runoff may be hazardous to aquatic organisms in water adjacent to treated areas.

For terrestrial uses: Do not apply directly to bodies of water, or to areas where surface water is present, or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment wash water or rinsate.

Physical or Chemical Hazards

Combustible: Do not use or store near heat or open flame.

Do not use this product in or on electrical equipment due to possibility of shock hazard.

CONDITIONS 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. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as manner of use or application, weather or crop conditions, presence of other materials or other influencing factors in the use of the product, which are beyond the control of SYNGENTA CROP PROTECTION, LLC or Seller. To the extent permitted by applicable law, Buyer and User agree to hold SYNGENTA and Seller harmless for any claims relating to such factors.

SYNGENTA 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. To the extent permitted by applicable law: (1) this warranty does not extend to the use of the product contrary to label instructions, or under abnormal conditions or under conditions not reasonably foreseeable to or beyond the control of Seller or SYNGENTA, and (2) Buyer and User assume the risk of any such use. TO THE EXTENT PERMITTED BY APPLICABLE LAW, SYNGENTA MAKES NO WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE NOR ANY OTHER EXPRESS OR IMPLIED WARRANTY EXCEPT AS WARRANTED BY THIS LABEL.

To the extent permitted by applicable law, in no event shall SYNGENTA be liable for any incidental, consequential or special damages resulting from the use or handling of this product. **TO THE EXTENT PERMITTED BY APPLICABLE LAW, THE EXCLUSIVE REMEDY OF THE USER OR BUYER, AND THE EXCLUSIVE LIABILITY OF SYNGENTA 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 SYNGENTA OR SELLER, THE REPLACEMENT OF THE PRODUCT.**

SYNGENTA 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 SYNGENTA.

DIRECTIONS FOR USE

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

Read all precautions and use directions completely before use.

FAILURE TO FOLLOW THE DIRECTIONS FOR USE AND PRECAUTIONS ON THIS LABEL MAY RESULT IN POOR INSECT CONTROL OR ILLEGAL RESIDUES.

USE DIRECTIONS ARE ORGANIZED INTO THE FOLLOWING SECTIONS:

Section 1.0: Product Information

Section 2.0: Use Sites

Section 3.0: Mixing Directions

Section 4.0: Treatments in Food-Handling Establishments

Section 5.0: Application Directions

Section 6.0: Use Directions for Specific Pests

Section 7.0: Resistance Management

1.0. PRODUCT INFORMATION

The active ingredient in Archer Insect Growth Regulator is pyriproxyfen, an insect growth regulator that mimics juvenile hormone occurring naturally in insects. Pyriproxyfen primarily affects the immature life stages of the target insect, preventing the normal development of adult forms. In some insect species, such as fleas and flies, Archer Insect Growth Regulator also has activity on adults by affecting the reproductive organs, resulting in a reduction of the reproductive capability of these pests.

Archer Insect Growth Regulator will control listed pests, including ants, cockroaches, crickets, fleas, litter beetles, ticks, and flying insect pests in and around homes and apartments; food and non-food storage and preparation areas of agricultural, industrial, institutional and commercial buildings; and transport vehicles. Archer Insect Growth Regulator may be used around structures with treatments to soil, mulch, perimeter landscape plantings or grass to prevent indoor invasion by listed pest species.

- Use of Archer Insect Growth Regulator provides effective control of listed pests by preventing the development of juvenile pest stages.
- Archer Insect Growth Regulator can be used as part of an integrated pest management (IPM) program, in combination with other insecticides or alone, and as an aid to prevent the development of insecticide resistance. See **Section 7.0** for more information.
- Archer Insect Growth Regulator is stable in sunlight for up to 14 days, delivering effective residual control of outdoor pests such as fleas and cockroaches, even in areas with direct sunlight.
- When used as directed, Archer Insect Growth Regulator retains activity against pre-adult fleas for up to 7 months and pre-adult cockroaches for up to 6 months.
- Archer Insect Growth Regulator reduces egg production in house flies and prevents larval development into adults.

1.1. USE RESTRICTIONS

For best results, follow directions for specific use areas.

- **Do not** apply directly to any natural bodies of water, such as ponds, lakes, streams, rivers, marshes, and estuaries.
- **Do not** allow adults, children, or pets to contact treated surfaces until area treated has completely dried.
- When used to treat rooms in hospitals, convalescent facilities, or nursing homes, patients must be removed prior to treatment. **Do not** allow patients to return to the treated rooms until rooms have been ventilated thoroughly for two hours after treatment.
- **Do not** apply to aircraft cabins.
- **Do not** apply directly to raw agricultural food/feed commodities in warehouses or transportation vehicles. Archer Insect Growth Regulator may be applied in storage areas where sealed food items, such as bottled, boxed, or canned items, are stored so that contact with food or feed items is unlikely.
- **Do not** apply Archer Insect Growth Regulator to interior areas of animal-production facilities or pet kennels when animals are present. Allow treated areas to dry before returning animals to treated areas of facility.
- **Do not** apply directly to domestic animals and pets.

1.2. USE PRECAUTIONS

- Avoid excessive wetting of carpet, draperies, and furniture. Always test in a hidden area prior to use, as some natural and synthetic fibers may be adversely affected by any liquid product.
- Archer Insect Growth Regulator does not stain surfaces when used as directed. Some fibers or surfaces may be affected by an application of any liquid product. If staining is a concern, test the spray dilution in a small, inconspicuous area prior to application.
- When making an application to vinyl siding, treat a small area and allow it to dry. Some types of vinyl siding, particularly if aged or weathered, may show some staining after application of an emulsifiable concentrate product.

2.0. USE SITES

Table 1: Examples of specific areas where Archer Insect Growth Regulator treatments may be made include, but are not limited to, the areas listed below.

aircraft (cargo areas only)	aircraft (cargo areas only)	garbage cans	rugs
animal quarters	animal quarters	gazebos	schools and child care centers
animal research facilities	animal research facilities	grain storage	ships
apartments	apartments	facilities	soil
attics	attics	grocery stores	storage areas
bakeries	bakeries	homes	stored food areas
barns	barns	hospitals	stored food
bathrooms	bathrooms	hotels	warehouses
basements	basements	indoor eating establishments	stores
bed frames	bed frames	industrial plants	supermarkets
bedrooms	bedrooms	institutions	swine facilities (unoccupied)
bottling facilities	bottling facilities	institutional dining areas	theaters
cabinets	cabinets	jails	tobacco plants and warehouses
cabins	cabins	kennels	townhouses
box springs	box springs	kitchens	trailers
breweries	breweries	landscape plantings	trains
buses	buses	lawns	transport vehicles
cafeterias	cafeterias	livestock housing (unoccupied)	upholstered furniture
candy plants	candy plants	living rooms	utility rooms
cargo holds	cargo holds	locker rooms	veterinaries
carpets	carpets	mattresses	warehouses
casinos	casinos	meat and produce canneries	washrooms
closets	closets	meat processing plant	yards
coffee houses	coffee houses	mess halls	zoos
commercial buildings	commercial buildings	mobile canteens	
condominiums	condominiums	mobile homes	
crawl spaces	crawl spaces	motels	
dairies	dairies	mulch	
decks	decks	nursing homes	
dens	dens	office buildings	
dog houses	dog houses	outdoor eating establishments	
dog kennels	dog kennels	outdoor pet or animal runs or enclosures	
dormitories	dormitories	pantries	
draperies	draperies	patios	
drugstores	drugstores	pet bedding	
egg production facilities	egg production facilities	pet carriers	
factories	factories	pet grooming	
farm buildings	farm buildings	parlors	
feedlots	feedlots	pet living/sleeping area	
floors	floors	pet stores	
flour mills	flour mills	porches	
food-handling areas*	food-handling areas*	poultry houses (unoccupied)	
food-packing plants*	food-packing plants*	prisons	
food-processing plants*	food-processing plants*	public buildings	
food-storage areas*	food-storage areas*	railroad cars	
food warehouses*	food warehouses*	recreation vehicles	
funeral parlors	funeral parlors	restaurants	
garages	garages		

*See Section 4.0 for special instructions.

3.0. MIXING DIRECTIONS

Archer Insect Growth Regulator is an emulsifiable concentrate (EC).

Archer Insect Growth Regulator is intended to be mixed with water and applied with application equipment, such as hand-held, backpack, or power spray equipment (see Tables 2 and 3). Prepare an application dilution according to the rate recommendation for the target pest given in Table 4.

Mixing Sequence:

1. Fill applicator container 1/2 full with water.
2. Add the amount of Archer Insect Growth Regulator to container as recommended in the rate table for the listed pest.
3. Shake, stir, or agitate.
4. Fill applicator tank with water to final volume recommended in rate table.
5. Re-agitate.
6. To ensure optimal control, prepared dilutions should be used within 24 hours and should be re-agitated if diluted material is not used for several hours.

3.1. Use Rates for Interior or Exterior Low-Volume Applications:

Table 2: Mixing Directions for Interior or Exterior Low-Volume Applications

Amount of Archer per gallon of water (% Pyriproxifen in dilution)	Amount of Archer per unit area ¹	
	1,000 sq ft	1,500 sq ft
1.0 fl oz (0.01%)	1.0 fl oz	1.5 fl oz
1.5 fl oz (0.015%)	1.5 fl oz	2.25 fl oz
2.0 fl oz (0.02%)	2.0 fl oz	3.0 fl oz

¹ For interior applications by hand sprayers, use 1 gallon of finished dilution per 1,500 sq ft surface area. For exterior hand sprayer or backpack applications, 1-3 gallons of finished dilution per 1,000 sq ft is recommended.

3.2. Use Rates for Exterior High-Volume Sprays

Table 3: Mixing Directions for Exterior High-Volume Power Sprays¹:

Desired Dilution (% Pyriproxifen in Dilution)	Amount of Archer per volume of finished dilution	
	25 gallons mixed	50 gallons mixed
0.001%	2.5 fl oz	5 fl oz
0.002%	5.0 fl oz	7.5 fl oz
0.003%	7.5 fl oz	15 fl oz

¹ For exterior high-volume applications (power sprays), 4-10 gallons of finished dilution per 1,000 sq ft is suggested.

3.3. Treatments in Combination with an Adulticide

Archer Insect Growth Regulator may be combined with other insecticides to enhance control of adult insects, such as Arilon®, Demand®, Demon®, or Tandem® insecticides. The combination provides for immediate control of adult fleas, cockroaches, crickets, and flying insects, while inhibiting the development of the immature stages of the pest insect. This application should conform to use precautions and use directions for both products.

4.0. TREATMENTS IN FOOD-HANDLING ESTABLISHMENTS

(Places other than private residences in which food is held, processed, prepared, or served)

4.1. Applications in Nonfood Areas

Archer Insect Growth Regulator may be applied as a general surface, spot, or crack-and-crevice treatment in nonfood areas. Nonfood areas include 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 canning or bottling).

4.2. Applications in Food Areas

Archer Insect Growth Regulator may be applied as a general surface, spot, or crack-and-crevice treatment in food areas of food-handling establishments, restaurants, or other areas where foods are commercially prepared or served. Food areas of food-handling establishments include areas for receiving, serving, storage (dry, cold, frozen, raw), packaging (canning, bottling, wrapping, boxing), preparing (cleaning, slicing, cooking, grinding), edible waste storage, and enclosed processing systems (mills, dairies, edible oils, syrups). Archer Insect Growth Regulator may only be used in serving areas when facility is not in operation or food is not exposed. Serving areas are areas where prepared foods are served, such as dining rooms, but excluding areas where foods may be prepared or held. In the home, all food-processing surfaces and utensils should be covered during treatment or thoroughly washed and rinsed with potable water before use.

4.3. Applications in and around Food Warehouses

Archer Insect Growth Regulator may be applied as a general surface, fogging/ULV, spot, or crack-and-crevice treatment in food and nonfood storage warehouses or in warehouses where direct contact with stored food items is not anticipated. Apply to all areas that may harbor pests, including under and between pallets. Warehouses used to store raw or cured tobacco may only be treated when empty and may only be used to store tobacco again when treatments have completely dried.

5.0. APPLICATION DIRECTIONS

Archer Insect Growth Regulator should be mixed in water, using the marked increments on the squeeze-and-pour bottle according to the rates in the following table. For crack-and-crevice or spot treatments, follow the rate per gallon of water*. For area and general surface treatment, follow the rate per unit area** to ensure good coverage.

5.1. Use Rates by Pest

Table 4: Recommended Application Rates for Listed Pests:

Pest	*Amount of Archer per gallon water	**Amount of Archer per unit area	Comments
Section 6.1 Ants	2 fl oz/gal (0.02%)	2 fl oz/ 1,000 sq ft	Apply to nesting and traveled areas.
Section 6.2 Carpet beetles Fleas Ticks ¹	1 fl oz/gal (0.01%)	1 fl oz/ 1,500 sq ft	Increase carrier (water) volume as necessary for penetration of dense materials, e.g., thick carpet and vegetation along exterior walls.
Section 6.3 Cockroaches (such as German, Asian, and brown-banded) Crickets	2 fl oz/gal (0.02%)	2 fl oz/ 1,000 sq ft	Increase carrier (water) volume as necessary for good surface wetting (e.g., in mulch) along exterior walls.
Section 6.4 Flying insects: Flies Gnats Midges Mosquitoes Moths	1 fl oz/gal (0.01%) For Fogging/ULV where allowed: 1.5 fl oz diluted in appropriate carrier	1 fl oz/ 1,500 sq ft For Fogging/ULV where allowed: 1.5 fl oz diluted in appropriate carrier per 12,000 cu ft	Wet surfaces used for resting and breeding.
Section 6.5 Litter beetles: Carrion beetles ² Dermestids Darkling beetles Hide beetles ²	1 fl oz/gal (0.01%)	1 fl oz/ 1,000 sq ft or 1,000 linear ft for crack and crevice	Wet surfaces used for resting and breeding. Increase carrier (water) volume as necessary for penetration of litter and bedding materials.
Section 6.6 Stored product pests: Cigarette beetles Confused flour beetles Dermestid beetles Indian meal moth Lesser grain borers Merchant grain beetles Red flour beetles Rice moths Saw-toothed grain beetles Tobacco moths Warehouse beetles	1.5 fl oz/gal (0.01%)	1.5 fl oz/ 1,500 sq ft or 1,000 linear feet for crack-and-crevice For fogging/ULV applications where allowed, dilute 1.5 fl oz in an appropriate carrier and apply at a rate of 1.5 fl oz per 12,000 cu ft.	To provide more immediate control of adult insects, use in conjunction with an adulticide. If application is being made in food areas, read and follow instructions listed in Section 4.0 .

Common units of measure: 1 fl oz = 28 mL; 1 pt = 16 fl oz; 1 gallon = 3.8 L

¹In CA, only for use on Lone Star ticks

²Not approved for use in CA

6.0. USE DIRECTIONS FOR SPECIFIC PESTS

6.1. CONTROL OF ANTS

Indoor Application

Apply Archer Insect Growth Regulator as a general surface, spot, or crack-and-crevice treatment as part of an integrated pest management program. Use Archer Insect Growth Regulator at the rate of 2 fl oz/1000 sq ft to interior areas where ants are foraging. For best results, use Archer Insect Growth Regulator in combination with baits such as Advion Ant Gel Bait or Optigard Ant Gel Bait and/or residual spray treatments such as Arilon, Demand, Demon, or Tandem.

If application is made in a food-handling establishment, see **Section 4.0** for additional instructions.

Outdoor Application

Apply Archer Insect Growth Regulator as a broadcast, spot, or crack-and-crevice treatment to outdoor surfaces. Apply 2.0 fl oz/1,000 sq ft to the perimeter of structures (in a 6- to 10-ft band) and to ant trails and foraging areas of lawns and landscaped areas. Treat ant mounds directly so that thorough coverage is achieved. Archer Insect Growth Regulator may be used in combination with baits or adulticides as part of an integrated pest management program. For outdoor power spraying with higher application volumes (5-10 gal/1,000 sq ft), use 5-15 fl oz/50 gallons water. (Refer to mixing table above.)]

6.2. CONTROL OF CARPET BEETLES, FLEAS, AND TICKS

Archer Insect Growth Regulator acts on immature stages of carpet beetles, fleas, and ticks to prevent the development of adults. Archer Insect Growth Regulator causes a gradual reduction and elimination of the pest population by breaking the reproductive cycle by stopping the normal development of immature pest stages. Archer Insect Growth Regulator prevents the laying of viable eggs, affects the molting of flea larvae, and blocks normal development into adult fleas. Archer Insect Growth Regulator can sterilize adult female fleas and can control adults by disrupting the normal function of reproductive organs.

As part of a complete flea and tick control program, Archer Insect Growth Regulator can be used alone or mixed with an adulticide, prior to or during the flea and tick season. Application of Archer Insect Growth Regulator to areas where pets and other animals are known to frequent, and where previous infestations have been known to occur, will prevent the emergence of adult ticks and fleas by affecting immature stages. This early usage, when used as directed, could reduce the need for additional insecticides during the flea and tick season. Treatment of these areas before the fleas become biting and reproductive adults will aid in reducing developing populations.

Flea and tick control on pets is important to the prevention of the introduction of adult fleas. For best results, pets should be treated with an EPA-registered on-animal insecticide, or an effective flea powder, spray, dip, shampoo, or systemic product, as part of a complete flea and tick control program to complement the activity of Archer Insect Growth Regulator.

Indoor Applications

Apply dilution of Archer Insect Growth Regulator at the rate of 1 gal/1,500 sq ft of surface area, or in sufficient volume to achieve adequate coverage. Prior to treatment, carpets, draperies, upholstered furniture, pet bedding or resting areas, and closets should be vacuumed thoroughly and the vacuum cleaner bag disposed of in an outdoor trash receptacle. Treat all areas that may harbor fleas, ticks, or carpet beetles, including carpets, furniture, pet sleeping areas, and throw rugs. Treat under cushions of upholstered furniture and where pets may rest. If needed, repeat treatments with Archer Insect Growth Regulator may be made 21 days after previous treatment.

Outdoor Applications

Apply Archer Insect Growth Regulator as an outdoor broadcast, spot, and crack-and-crevice treatment for preventive or remedial control of flea and tick infestations around residential and non-residential buildings, kennels (inside and outside), animal runs, lawn areas and other areas animals frequent. Applications to those areas that are most frequented by pets will be most successful. Remove animals before applying and do not return animals to treated areas until area treated has completely dried. Apply at 1 fl oz/1,500 sq ft in a volume sufficient to provide adequate coverage. Apply directly to buildings, resting areas, walls, floor, animal bedding and run areas. If needed, repeat treatments with Archer Insect Growth Regulator may be made 14 days after last treatment or, if heavy rainfall occurs, repeat as necessary.

If a high population of adult fleas, ticks, or carpet beetles is present, the use of an adulticide may be necessary for immediate control. Archer Insect Growth Regulator may be combined with flea adulticides, such as Arilon, Demand, Demon, or Tandem. Archer Insect Growth Regulator complements the rapid activity of an adulticide by providing long-term control of immature fleas before they develop into biting adults. This application should conform to use precautions and directions for both products used in a tank mix.

6.3. CONTROL OF COCKROACHES AND CRICKETS

Archer Insect Growth Regulator acts on the nymphal stages of German, Asian, and brown-banded cockroaches and crickets, which prevents them from developing into adults. Repeated (weekly, monthly, or quarterly) applications of Archer Insect Growth Regulator alone or with an adulticide will result in the development of cockroaches with twisted wings due to the IGR effects of Archer Insect Growth Regulator. When used as directed, Archer Insect Growth Regulator renders the cockroaches unable to reproduce, thereby breaking the breeding cycle of the cockroach population.

Use of multiple integrated pest management tactics such as sanitation, food source reduction, and selective application of insecticides can help provide long-term control of cockroach populations. Using Archer Insect Growth Regulator in combination with cockroach baits, such as Advion Cockroach Gel Bait, and/or sprayable adulticides (such as Arilon, Demand, Demon, and Tandem) is a good strategy to reduce the risk of developing insecticide resistance.

If a high population of adult cockroaches is present, the use of an adulticide, such as Arilon, Demand, Demon WP, or Tandem, may be necessary for immediate control. Archer Insect Growth Regulator complements the rapid activity of adulticides by providing long-term (up to 6 months) control of cockroach nymphs before they become reproductive adults. Applications of insecticide mixtures should conform to accepted use precautions and directions for both products. Use Archer Insect Growth Regulator at application rates specified above.

Indoor Applications

Apply dilution of Archer Insect Growth Regulator at the rate of 1 gal/1,000 sq ft of surface area as a spot treatment, surface application, or crack-and-crevice application. Special attention should be paid to typical cockroach harborages, such as along and behind baseboards; beneath sinks; and behind and beneath stoves, refrigerators, and cabinets. Apply to cracks and crevices; around garbage cans and cabinets; along the outside of baseboards, door and window sills; around door and window frames and floors; around and on drains, pipes, plumbing; behind bookcases; in storage and other utility installation areas; in storage areas; on infested furniture; and to the inside of cabinets and closets. Repeat every 3 months or more frequently as necessary.

If application is made in a food-handling establishment, see instructions in **Section 4.0** of this label.

Outdoor Applications

Apply a finished dilution of Archer Insect Growth Regulator in a band 6-10 ft wide adjacent to the foundation wall of the structure, and apply to a height of 2-3 ft on the foundation where pests may be active or may find entrance. Apply as a residual application around window frames, doors, garage doors, patios, carports, shutters, around garbage areas, around moist areas, or to other areas where cockroaches may congregate. If needed, repeat treatments with Archer Insect Growth Regulator may be made 14 days after previous treatment, or if heavy rainfall occurs, repeat as necessary.

If needed, repeat treatments with Archer Insect Growth Regulator may be made 14 days after previous treatment or, if heavy rainfall occurs, repeat as necessary.

6.4. CONTROL OF FLYING INSECT PESTS

Apply Archer Insect Growth Regulator at the rate of 1 fl oz/gallon of water or 1 fl oz/1500 sq ft to control of house flies, stable flies, moths, mosquitoes, nuisance flies (such as gnats, midges), and other similar flying insect pests. Archer Insect Growth Regulator is similar to insect growth hormones that occur naturally in flies and other flying insects, having effects on both adult and juvenile stages. In house flies, Archer Insect Growth Regulator causes a decrease in the number and hatching of eggs laid by treated adults. Fly larvae (maggots) show physiological and functional defects leading to the inability to develop into normal adults. When used alone, Archer Insect Growth Regulator will result in a reduction in adult fly populations after 3-4 weeks, when previously hatched adult flies have died naturally. If needed, repeat treatments with Archer Insect Growth Regulator may be made 14 days after previous treatment, or if heavy rainfall occurs, repeat as necessary.

Archer Insect Growth Regulator may be used for control of flying insect pests in, on, and around buildings as previously described in **Section 1.0**. Archer Insect Growth Regulator may be used to control nuisance flies, gnats, midges, and mosquitoes by application into moist breeding areas (potted plants, moist debris, or litter) or into areas holding standing water, such as gutters, drains, pools, and fountains. **Do not** apply directly to any natural bodies of water, such as ponds, lakes, streams, rivers, marshes, and estuaries.

6.4.1. Treatments in Combination with an Adulticide

For knockdown and more rapid control of adult flying insect pests or to control an influx of flies from untreated areas, use Archer Insect Growth Regulator in alternation or in a tank-mix combination with an adulticidal insecticide, such as Arilon, Demand, Demon, or Tandem insecticides. Combining or alternating Archer Insect Growth Regulator with insecticides having other modes of action may reduce or prevent the development of genetic resistance to these adulticides.

Tank-mix applications must be made in accordance with those label instructions that are consistent for each product. Prepare the tank mix using the recommended rate of adulticide and Archer Insect Growth Regulator by adding the adulticide first and making sure it is well mixed and in suspension, and then adding the correct amount of Archer Insect Growth Regulator.

6.4.2. Treatments for Flying Insects in, on, and around Livestock and Poultry Housing and Pet Kennels

Archer Insect Growth Regulator may be used in livestock housing structures (including poultry houses) and pet kennels to control flying insect pests. Apply as a general surface, fogging/ULV, or a crack-and-crevice application to areas where flying pests collect or breed. Treat bird cages or stock pens only after removal of animals. **Do not** contaminate or apply to food or foodstuffs, water or watering equipment.

For effective management of house fly populations in and around animal facilities, an integrated pest management approach using multiple tactics, including cultural control, biological control, and use of insecticides can be highly effective in managing fly populations. Use of fly baits such as Zyrox® Fly Granular Bait can complement the effectiveness of Archer Insect Growth Regulator and other sprayable insecticides.

For surface applications, treat floors, walls, ceilings, doors, around windows, garbage and refuse areas. When used as directed, Archer Insect Growth Regulator will not harm beneficial insects in animal litter or bedding, such as predatory wasps. Control will be enhanced when facilities are cleaned and interior applications are supplemented with exterior perimeter treatments.

6.4.3. Treatments to Interior Areas and Surfaces

Apply Archer Insect Growth Regulator at the rate of 1 fl oz/1,500 sq ft of surface area or in a volume sufficient to provide adequate coverage. Treat all areas where flying insects may collect, rest, or breed, including vertical walls, ceilings, pipes, conduit, stalls, stanchions, floors, and walkways. When Archer Insect Growth Regulator is used alone, treatments can be extended to animal bedding, manure, and other potential areas where flying insects may breed.

6.4.4. Outdoor Treatments

Apply Archer Insect Growth Regulator as a broadcast, spot, and crack-and-crevice treatment in a volume sufficient to provide adequate coverage. Use 1-1.5 fl oz of Archer Insect Growth Regulator per gallon of water. For higher volume, power-spray applications (4-10 gallons/1,000 sq ft), the alternate mixing instructions may be used with 5-15 fl oz Archer Insect Growth Regulator per 50 gallons of water. Apply to outside surfaces of buildings, walls, window frames, around garbage cans, eaves, cracks and crevices, decks, porches, patios, garages, stagnant water, moist or shaded areas, and other areas where these pests have been seen or found.

For perimeter control, make a general surface application of Archer Insect Growth Regulator at a rate of 1 fl oz/1,500 sq ft or a volume sufficient to provide adequate coverage. To help prevent infestations of buildings by flying insects, treat soil, vegetation, or other substrates in a band 6-10 ft wide adjacent to the building foundations, walls, around doors and windows, and overhead areas where these pests are active and may find entrance or harborage.

6.4.5. Use as a Mosquito Larvicide

Apply Archer Insect Growth Regulator at the rate of 1-1.5 fl oz/1500 sq ft, using a backpack sprayer, ULV cold fogger, compressed air sprayer or hand-held sprayer. Archer Insect Growth is active only on the immature life stages of mosquitoes. Tank-mix or use in conjunction with an adulticide for immediate kill of biting (adult) mosquitoes.

Treat moist shady areas where mosquitoes rest, harbor, or breed, such as trees, shrubs, landscape plants, tall grass or plant foliage, standing water, gutters, drains, under decks, in-ground sprinkler heads, pet areas, fountains, bird baths, landscape timbers, rocks, pavers, planters, and fences.

- **Do not** use in natural holding waters or active waterways.
- Not for wide area mosquito use: **Do not** apply using truck-mounted sprayers or aerial application equipment.

6.5. CONTROL OF LITTER BEETLES

Archer Insect Growth Regulator can be applied to poultry litter in broiler and layer houses infested with darkling, hide, and carrion beetles to break the life cycle of these insect pests. When used as directed, Archer Insect Growth Regulator will not harm beneficial insects in animal litter or bedding, such as predatory wasps. Make broadcast or banded applications of Archer Insect Growth Regulator to litter at the rate of 1 fl oz/1,500 sq ft space in a volume of water sufficient to provide coverage.

For prevention of beetle larvae in litter, remove animals from the area to be treated and remove old litter. Surface treatments made immediately after animals are removed and again just prior to new animal placement are most effective. Adult egg-laying beetles can be killed with an adulticide, such as Demand CS. Application of adulticides to walls and floors between flocks and before reintroduction of animals will suppress beetles that escaped earlier treatment and will help delay onset of future infestations. Pay attention to areas where beetles frequently occur, such as walls, supports, cages, stalls, and around feeders. **Do not** contaminate food, feed, or water.

Apply Archer Insect Growth Regulator uniformly at the rate of 1 fl oz/1,500 sq ft to floor area and to walls, posts, and cage framing (birds grown in cages only). Application should also be made into cracks and crevices around insulation. Reapply after each grow-out or sanitization procedure. Indoor control can be enhanced by making perimeter treatments around the outside of building foundations to prevent migrating adult beetles. Apply Archer Insect Growth Regulator or adulticide insecticides or both in a uniform band at least 1 ft up and 1-4 ft out from foundation. Maintaining a year-round treatment program will prevent background populations from reaching problem levels.

6.6. CONTROL OF STORED PRODUCT PESTS

Archer Insect Growth Regulator can be used to control stored product pests when applied as a general surface spray, as a spot treatment, or as a crack-and-crevice application. Archer Insect Growth Regulator may also be applied as a fog or ULV application with water or petroleum distillate as a diluent. For immediate control of adult insects, use Archer Insect Growth Regulator as a tank mix with an insecticide registered for control of adult forms of stored product pests. When tank-mixing Archer Insect Growth Regulator with adulticides, follow the most restrictive label limitations and precautions of either product in the mix.

6.6.1. General Surface Applications, Spot Treatments, Crack-and-Crevice, and ULV/Fogging Applications for Stored Product Pests

For general surface applications, mix 1.5 fl oz Archer Insect Growth Regulator per gallon of water and apply as a diluted spray at a rate of 1 gallon per 1,500 square feet (27 ml/m²). Spray surfaces, into cracks and crevices in walls and floors, under and between pallets, areas at the base of machinery and equipment, under furniture, in mop and equipment closets, behind cabinets, under shelves and racks, around pipes and openings in floors and walls along baseboards, in wall voids, and other areas where insects seek harborage.

For crack-and-crevice applications, mix 1.5 fl oz of Archer Insect Growth Regulator per gallon of water as a diluted spray solution and apply with a pressurized spray system capable of delivering a pinpoint or variable spray pattern. Crack-and-crevice applications may be made directly to areas such as crevices, baseboards, floors, ceilings, walls, expansion joints, molding, areas around water and sewer pipes, voids where pests can hide and similar areas. Spot treatments may also be made to areas including storage areas, closets, around water pipes, doors and windows, behind and under refrigerators, cabinets, sinks, stoves and other equipment shelves, drawers and similar areas.

For fogging or ULV applications, Archer Insect Growth Regulator may be applied with equipment such as ULV equipment, mechanical misting sprayers, aerosol generators, or thermal foggers. To prepare the fogging solution, follow the equipment manufacturer's solution preparation instructions. For fogging applications, Archer Insect Growth Regulator may be diluted with water or petroleum distillate. Apply at a rate of 1.5 fl oz (44.3 ml) of Archer Insect Growth Regulator diluted in appropriate carrier per 12,000 cubic feet (340m³).

Fogging applications are recommended for larger facilities including food and nonfood warehouses. Close area to be treated and shut off all ventilation systems. Apply the product in the air and direct fog or mist toward all areas that may harbor target pests. After treatment, leave the room closed for 30 minutes or longer as recommended by the equipment manufacturer or the labels of other products applied in tank mixing. Do not remain in treated area. Ventilate the treated area thoroughly before re-entry.

7.0. RESISTANCE MANAGEMENT

GROUP 7C INSECTICIDE

Some insect pests have been shown to develop resistance to products used that have been applied repeatedly for control. When this occurs, the labeled dosages fail to control the pest population below threshold levels. As the development of resistance cannot be predicted, the use of Archer Insect Growth Regulator should conform to resistance management strategies established for the intended use site. These strategies may include incorporation of non-chemical control practices, rotation of products with different modes of action on succeeding generations, and targeting the most susceptible life stage of the pest.

Do not apply more than three consecutive applications of Archer Insect Growth Regulator before rotating to a product with a different mode of action. Consult your local Syngenta representative or Cooperative Extension Service specialist for the latest information on resistance management in your area.

STORAGE AND DISPOSAL

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

Pesticide Storage

Keep this product in its tightly closed original container when not in use. Store in a cool, dry (preferably locked) area that is inaccessible to children and animals.

Pesticide Disposal

Wastes resulting from the use of this product may be disposed of at an approved waste disposal facility.

Container Handling

Non-refillable 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. 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 and 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 by other procedures approved by state and local authorities.

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