This information is for promotional purposes only. Space considerations may require information to be omitted.
Always refer to the actual package for complete label verbiage. This product may not yet be available or approved for sale or use in your area.

BIFENTHRIN | GROUP 3A | INSECTICIDE

TALAK™ G

Contains Bifenthrin, the active ingredient used in Talstar® PL.

For Use to Control Ants (including Imported Fire Ants), Mole Crickets and other Listed Insect Pests on Lawns in Landscaped Areas and Perimeters around Residential, Institutional, Public, Commercial and Industrial Buildings, Parks, Recreational Areas and Athletic Fields.

ACTIVE INGREDIENT:	(% by weight)
Bifenthrin*	0.2%
OTHER INGREDIENTS:	99.8%
TOTAL	100.0%

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

EPA Reg. No.: 91234-466

SPECIMEN

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.)

See back for additional precautionary information.

FIRST AID	
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.

NOTE TO PHYSICIAN
This product is a pyrethroid. If large amounts have been ingested, milk, cream and other digestible fats and oils may increase absorption and so should be avoided.

HOT LINE NUMBER
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact SafetyCall at **1-844-685-9173** for emergency medical treatment information.

For Chemical Emergency: Spill, Leak, Fire, Exposure, or Accident, Call CHEMTREC Day or Night Within USA and Canada: 1-800-424-9300 or +1 703-527-3887 (collect calls accepted)

Talak™ G is not manufactured, or distributed by Environmental Science U.S. LLC, seller of Talstar® PL.

Atticus

Manufactured for:
Atticus, LLC
940 NW Cary Parkway, Suite 200
Cary, NC 27513

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION

Causes moderate eye irritation. 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 pesticide is extremely toxic to fish and aquatic invertebrates. Do not apply when weather conditions favor drift from treated areas. Drift and run-off from treated areas may be hazardous to aquatic organisms in neighboring areas.

DIRECTIONS FOR USE

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

For both indoor and outdoor use only.

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 apply the product into fish pools, ponds, streams or lakes. Do not apply directly to sewers or storm drains, or 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. Sweeping any excess product that lands on a driveway, sidewalk, or street, back onto the treated area of the lawn or garden will help to prevent run off to water bodies or drainage systems.

Do not make applications during rain.

Do not irrigate to the point of runoff.

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

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.

RESISTANCE MANAGEMENT

For resistance management, **Talak G** contains a Group 3A insecticide. Any insect population may contain individuals naturally resistant to **Talak G** and other Group 3A insecticides. The resistant individuals may dominate the insect/mite population if this group of insecticides are used repeatedly in the same fields. Appropriate resistance-management strategies should be followed.

To delay insecticide/acaricide resistance, take the following steps:

- Rotate the use of **Talak G** or other 3A insecticides/acaricides within a growing season, or among growing seasons, with different groups that control the same pests.
- 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 Atticus, LLC at 984-465-4800.

PRODUCT INFORMATION

For use on plants intended for aesthetic purposes or climate modification and being grown in interior plantscapes, ornamental gardens or parks, or lawns or grounds.

Not for use on plants being grown for sale or other commercial use, or for commercial seed production, or for research purposes.

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

LAWN AND PERIMETER

APPLICATION INFORMATION

Apply this product directly to the lawn or garden area. Water treated area as directed on this label. Do not water to the point of run-off. Broadcast with suitable application equipment to ensure uniform coverage over the treatment area.

The maximum single and annual application rate is 200 lbs. product (0.4 lb. ai) per acre per year.

Do not apply more than 100 lbs. product (0.2 lb. ai) per acre per application on residential use sites (i.e., around private homes, apartment buildings, condominiums, non-agricultural outbuildings, non-commercial greenhouses, pre-schools or day care facilities).

May be applied at up to 200 lbs. product (0.4 lb. ai) per acre per application on non-residential use sites (i.e., around institutional, public, commercial or industrial buildings; parks; recreational areas or athletic fields. For applications at rates above 0.34 lb. ai (170 lbs. product) per acre, users must water the treated area immediately after application.

The application rates listed in the following table will provide excellent control of the respective pests under typical conditions. At the discretion of the applicator, **Talak G** may be applied at labeled rates up to 0.4 lb. ai to control each of the listed pests.

Pest		Application Rate	
		Lbs. Talak G per 1,000 sq. ft.	**Lbs. Talak G per acre**
Armyworms Cutworms	Sod Webworm	1.15	50 (0.1 lb. ai)
Annual Bluegrass Weevil *(Hyperodes)* (Adult) Billbugs (Adult)	Black Turfgrass Ataenius (Adult) Leafhoppers Mealybugs	1.15 - 2.3	50 - 100 (0.1 - 0.2 lb. ai)
Ants Centipedes Chinch Bugs European Crane Flies (larvae) Fleas (Larvae) Fleas (Adult) Imported Fire Ants (Adult) Imported Fire Ants (Mounds)	Millipedes Mole Cricket (Adult) Mole Cricket (Nymph) Pillbugs Scorpions Sowbugs Ticks	2.3 - 4.6	100 - 200 (0.2 - 0.4)

Armyworms, Cutworms, and Sod Webworms: To ensure optimum control, irrigate the treated area with up to 0.1 inches of water immediately after application to activate (release from the granule) the insecticide.

Annual Bluegrass Weevil *(Hyperodes)* adults: Time applications to control adult weevils as they leave their overwintering sites and move into grass areas. This movement generally begins when Forsythia is in full bloom and concludes when flowering dogwood is in full bloom. Consult your State Cooperative Extension Service for more specific information regarding application timing.

(continued)

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APPLICATION INFORMATION *(continued)*

Billbug adults: Make applications when adult billbugs are first observed during April and May. Degree day models have been developed to optimize application timing. Consult your State Cooperative Extension Service for information specific to your region. In temperate regions, spring applications targeting billbug adults will also provide control of over-wintered chinch bugs.

Black Turfgrass Ataenius adults: Make applications during May and July to control the first and second generation of black turfgrass ataenius adults, respectively. Time the May application to coincide with the full bloom stage of Vanhoutte spiraea *(Spiraea vanhouttei)* and horse chestnut *(Aesculus hippocastanum)*. Time the July application to coincide with the blooming of Rose of Sharon *(Hibiscus syriacus)*.

Chinch Bugs: Chinch bugs infest the base of grass plants and are often found in the thatch layer. Irrigate the treated area with up to 0.25 inches of water immediately after application to activate (release from the granule) the insecticide. Chinch bugs can be one of the most difficult pests to control in grasses and the higher labeled application rates may be required to control populations that contain both nymphs and adults during the summer.

European Crane Flies: Make treatments to control early to mid-season larvae (approximately August - February) as they feed on plant crowns. Treatments made to late-season larvae (approximately March - April) may only provide suppression. Consult your local extensions agent for specific recommendations for your area.

Flea larvae: Flea larvae develop in the soil of shaded areas that are accessible to pets or other animals. Irrigate the treated area with up to 0.5 inches of water immediately after application to activate (release from the granule) the insecticide.

Imported Fire ants: Control will be optimized by combining broadcast applications that will control foraging workers and newly mated fly-in queens with mound treatments that will control existing colonies. If the soil is not moist, then it is important to irrigate before application. Apply broadcast treatments 0.2 - 0.4 lb. ai per acre. Treat mounds by applying 1/2 cup of **Talak G** per mound and then drenching the mound with 1 - 2 gallons of water. Treat the mounds with sufficient force to break their apex and allow the insecticide solution to flow into the ant tunnels. Treat three feet out around the mound. For best results, apply in cool weather (65° - 80° F) or in early morning or late evening hours. This treatment will kill the queen within 24 hours of application. Application of 0.25 lb. ai per acre will provide six months residual activity for control of foraging imported fire ants and newly mated fly-in queens.

Mole Cricket (Adults): Achieving acceptable control of adult mole crickets is difficult because preferred grass areas are subject to continuous invasion during the early spring by this extremely active stage. Make applications as late in the day as possible and should be watered in with up to 0.5 inches of water immediately after treatment. If the soil is not moist, then it is important to irrigate before application to bring the mole crickets closer to the soil surface where contact with the insecticide will be maximized. Treat grass areas that receive pressure from adult mole crickets at peak egg hatch to ensure optimum control of subsequent nymph populations (see below).

Mole Cricket (Nymphs): Treat grass areas that received intense adult mole cricket pressure in the spring immediately prior to peak egg hatch. Optimal control is achieved at this time because young nymphs are more susceptible to insecticides and they are located near the soil surface where the insecticide is most concentrated. Control of larger, more damaging, nymphs later in the year may require both higher labeled application rates and more frequent applications to maintain acceptable control. Make applications as late in the day as possible and should be watered in with up to 0.5 inches of water immediately after treatment. If the soil is not moist, then it is important to irrigate before application to bring the mole crickets closer to the soil surface where contact with the insecticide will be maximized.

(continued)

APPLICATION INFORMATION *(continued)*

Scorpions: To ensure optimum control, treat the building perimeter at dusk to prevent outdoor scorpions from entering the building. Scorpions reside hidden in cracks and voids during the day and are active at night at temperatures above 77°F/25°C. Resting areas can be identified at night using a blacklight (UV bulb) as scorpions will fluoresce. Also treat these areas. Prior to treatment, to increase treatment efficacy, remove trash, debris, or firewood that scorpions may use as resting sites.

Ticks (Including ticks that may transmit Lyme Disease and Rocky Mountain Spotted fever): Do not make spot applications. Treat the entire area where exposure to ticks may occur. Use higher labeled application rates when treating areas with dense ground cover or heavy leaf litter. Ticks may be reintroduced from surrounding areas on host animals. Do not allow public use of treated areas during application.

- **Deer ticks *(Ixodes* sp.)** have a complicated life cycle that ranges over a two year period and involves four life stages. Make applications in mid to late-spring to control larvae and nymphs that reside in the soil and leaf litter.
- **American dog ticks** may be a considerable nuisance in suburban settings, particularly where homes are built on land that was previously field or forest. These ticks commonly congregate along paths or roadways where humans are likely to be encountered. Make applications as necessary from mid-spring to early fall to control American dog tick larvae, nymphs and adults.

Perimeter: Apply to ground area up to 7 feet wide around and adjacent to the structure. See table below.

Boundary Applications: Apply to soil areas, ornamental gardens, pavement crevices, fencelines, planter areas, vegetation areas and mulch areas.

Application Rates (lbs./ 1,000 sq. ft.)	Band Width (ft.)	lbs. Talak G for Perimeter Applications Linear Distance (Feet) Around Structure							
		100	150	200	250	300	400	500	1,000
2.3	5	1.3	1.9	2.5	3.1	3.6	4.8	5.9	11.7
2.3	7	2.0	2.8	3.6	4.4	5.2	6.8	8.4	16.5
3.0	5	1.7	2.5	3.2	4.0	4.7	6.2	7.7	15.2
3.0	7	2.6	3.6	4.7	5.7	6.8	8.9	11.0	21.5
3.5	5	2.0	2.9	3.8	4.7	5.5	7.3	9.0	17.8
3.5	7	3.0	4.2	5.4	6.7	7.9	10.3	12.8	25.0
4.6	5	2.7	3.8	5.0	6.1	7.3	9.6	11.9	23.4
4.6	7	3.9	5.5	7.1	8.8	10.4	13.6	16.8	32.9

Note: The amounts of **Talak G** listed in this table are based on the total area being treated. This area is determined by multiplying the linear distance by the band width and then adding to that value the area of a circle whose radius is equal to the band width (to account for the area treated at the four corners of a rectangular structure).

In New York State, this product may NOT be applied to any grass or turf area within 100 feet of a water body (lake, pond, river, stream, wetland, or drainage ditch).

In New York State, do make a single repeat application of **Talak G** if there are signs of renewed insect activity, but not sooner than two weeks after the first application.

SCREEN

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SPREADER EQUIPMENT SETTINGS

Perform broadcast application with a calibrated commercial broadcast spreader to evenly distribute the granules. Approximate settings for several models are provided in the table below.

Talak G Spreader Setting Guide

Application Rate (lbs./ 1,000 sq. ft.)	LESCO® Broadcast - new	LESCO® Broadcast - old	SCOTTS® HANDYGREEN® II	SCOTTS® SPEEDYGREEN™ 2000	SCOTTS® Standard Broadcast	GANDY® Models 42, 36, 30, 24"	SPYKER® All Models (Push)
1.15	5	A + 1/2	2	--	**	10.5	2
2.3	7	B + 1/4	3	2*	**	12	2.6
4.6	9	C + 1/2	5	3 1/4	3	16	3.1
Effective spread width ft.	10	10	10	10	10	Model number reflects width	10

Ground Speed at ≈ 3.1 mph for all settings
*2 is the lowest setting for this model.
**This model does not have settings fine enough for this application.

SPOT TREATMENT APPLICATIONS

Spot treatments must not exceed two square feet in size (for example, 2 ft. by 1 ft. or 4 ft. by 0.5 ft.).

Fire ant mound treatment: Apply 1/2 cup of **Talak G** per mound and then drench the mound with 1 - 2 gallons of water. Drench the mound with sufficient force to break its apex and allow the insecticide to flow into the ant tunnels. Treat three feet out around the mound. For best results, apply in cool weather (65° to 80°F) or in early morning or late evening hours. Treat new mounds as they appear. **DO NOT USE food utensils such as teaspoons and measuring cups for food purposes after use with insecticide.**

INDUSTRIAL NON-AGRICULTURAL APPLICATIONS

(Industrial Sites, Parks, Ball Fields and Cemeteries)

Broadcast and Spot Applications: For the control of actively foraging ants (including imported fire ants) broadcast uniformly 2.3 - 4.6 lbs. product per 1,000 sq. ft. (0.2 - 0.4 lb. ai per acre). For imported fire ants treatment recommendations, refer to the application rate table in the **Lawn and Perimeter** section. For applications at rates above 0.34 lb. ai (170 lbs. product) per acre, users must water the treated area immediately after application.

Pad Mounted Electrical Sites: To reduce or prevent ant mound building activity on electrical pads, uniformly distribute 1.0 - 1.5 tablespoons (0.06 - 0.09 lb.) of **Talak G** granular insecticide per 4 sq. ft. of mounting pad. Where existing transformers are completely or partially filled with soil excavated by resident ants, remove any excess fill and level the remaining soil prior to application. **DO NOT USE food utensils such as tablespoons for food purposes after use in measuring pesticides.**

Note: Electrical transformers appear to be more attractive to ants during the cooler months. For best results treat in the fall or early spring.

USE RATE CONVERSION

Lbs. of Talak G per 1,000 sq. ft.	Lbs. of Talak G per acre	Lbs. ai per acre
1.15	50	0.10
2.30	100	0.20
2.90	125	0.25
3.90	170	0.34
4.60	200	0.40

STORAGE AND DISPOSAL

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

PESTICIDE STORAGE: Store in a tightly closed container in a cool, dry place. Store in original container and out of reach of children, preferably in a locked storage area.

In case of spill, avoid contact, isolate area and keep out animals and unprotected persons. Confine spills. To Confine Spill: Cover to prevent dispersal. Place damaged package in a holding container. Identify contents.

PESTICIDE DISPOSAL: Pesticide spray mixture or rinsate that cannot be used should be disposed of in a landfill approved for pesticides. Improper disposal of excess pesticide spray mixture or rinsate is a violation of Federal law. If these wastes cannot be disposed of by the use according to label instructions, contact your State Pesticide or Environmental Control Agency or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

CONTAINER HANDLING:

Bag: Nonrefillable outer bag. Do not reuse or refill the outer bag. Completely empty bag into application equipment. Then dispose of empty bag in a sanitary landfill or by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

SPECIMEN

LIMITATION OF WARRANTY AND LIABILITY

IMPORTANT: READ BEFORE USE. Read the entire Directions for Use, Conditions of Warranties and Limitations of Liability before using this product. If these terms and conditions are not acceptable, return the unopened product container at once. By using this product, user or buyer accepts the following Disclaimer of Warranties and Limitations of Liability. **CONDITIONS:** The directions for use of this product are believed to be adequate and must be followed carefully. However, it is impossible to eliminate all risks associated with the use of this product. Ineffectiveness, injury, and other unintended consequences may result because of such factors as manner of use or application (including misuse), the presence of other materials, weather conditions, and other unknown factors, all of which are beyond the control of ATTICUS, LLC. To the extent consistent with applicable law, all such risks shall be assumed by the user or buyer.

DISCLAIMER OF WARRANTIES: To the extent consistent with applicable law, ATTICUS, LLC makes no other warranties, express or implied, of merchantability or of fitness for a particular purpose or otherwise, that extend beyond statements on this label. **LIMITATIONS OF LIABILITY:** To the extent consistent with applicable law, neither ATTICUS, LLC the manufacturer, nor the Seller shall be liable for any indirect, special, incidental or consequential damages resulting from the use, handling, application, storage, or disposal of this product. To the extent consistent with applicable law, the exclusive remedy of the user or buyer for any and all losses, injuries or damages resulting from the use, handling, application, or storage of this product, whether in contract, warranty, tort, negligence, strict liability or otherwise, shall not exceed the purchase price paid.

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