WISDOM® LAWN GRANULAR

INSECTICIDE

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

³Billbugs: Applications should be made 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

⁴Black Turfgrass Ataenius adults: Applications should be made during May and July to control the first and second generation of black turfgrass ataenius adults, respectively. The May application should be timed to coincide with the full bloom stage of Vanhoutte spiraea (Spiraea vanhouttei) and horse chestnut (Aesculus hippocastanum). The July application should be timed to coincide with the blooming of

⁵Chinch 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

inch 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 application rates may be required to control populations that contain both nymphs and

⁶Flea 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 inch of water immediately after application to activate (release

⁷Imported Fire Ants: Control will be optimized by combining

broadcast applications that will control foraging workers and newly mated fly-in queens with mound drenches that will control existing

colonies. If the soil is not moist, then it is important to irrigate before

application. Broadcast treatments should apply up to 0.4 lb. a.i./A.

Mounds should be treated by diluting 1 teaspoon of Wisdom TC Flowable (EPA Reg. No. 5481-520) formulation per gallon of water and applying 1 to 2 gallons of finished spray per mound. The mounds

should be treated with sufficient force to break their apex and allow the

insecticide solution to flow into the ant tunnels. A four-foot diameter

circle around the mound should also be treated. For best results, apply

Note: A spray rig that is calibrated to apply 0.1 lb. a.i./A (20 ozs.) of Wisdom TC Flowable (EPA Reg. No. 5481-520) in 2.5 gallons per 1,000

square feet contains the approximate dilution (1 teaspoon per gallon) that is required for fire ant mound drenches in the spray tank. *Application of 125 lbs./A of WISDOM LAWN GRANULAR INSECTICIDE will provide

six months residual activity for control of foraging Imported Fire Ants and

⁸Mole 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. Applications should be made as late in the day as possible and should be

watered in with up to 0.5 inch 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. Grass areas that receive pressure from

adult mole crickets should be treated at peak egg hatch to ensure

⁹Mole Cricket nymphs: Grass areas that received intense adult mole

cricket pressure in the spring should be treated immediately prior to

peak egg hatch. Optimal control is achieved at this time because vound 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

application rates and more frequent applications to maintain acceptable

control. Applications should be made as late in the day as possible and

should be watered in with up to 0.5 inch 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

¹⁰Ticks: Do not make spot applications. Treat the entire area where

exposure to ticks may occur. Use higher application rates when

treating areas with dense ground cover or heavy leaf litter. Ticks may

be reintroduced from surrounding areas on host animals. Retreat as

necessary to maintain adequate control. Do not allow public use of

Deer Ticks (Ixodes sp.) have a complicated life cycle that ranges

over a two year period and involves four life stages. Applications should be made in mid to late spring to control larvae and nymphs

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

fall to control American dog tick larvae, nymphs and adults.

Applications should be made as necessary from mid-spring to early

Apply to ground area 5 to 10 feet wide around and adjacent to the structure.

Boundary Applications: Apply to soil areas, ornamental gardens, pave-

ment crevices, fencelines, planter areas, vegetation areas and mulch areas.

Pounds of WISDOM LAWN GRANULAR INSECTICIDE

for Perimeter Applications Linear Distance (Feet) Around Structure

6.0 8.4 10.6 13.0 15.2 19.8 24.4 47.4

contact with the insecticide will be maximized.

treated areas during application.

that reside in the soil and leaf litter.

PERIMETER APPLICATION

Application

1.000 sa. 1

optimum control of subsequent nymph populations (see below).

newly mated fly-in queens. *Not applicable in California.

in cool weather (65 - 80° F) or in early morning or late evening hours.

control of over-wintered chinch bugs.

Rose of Sharon (Hibiscus syriacus).

adults during the summer.

from the granule) the insecticide

For use to control Ants (including Imported Fire Ants), Mole Crickets and other 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 Weigh	¹ Armyworms, Cutworms, and Sod Webworms: To ensure optimum control, irrigate the treated area with up to 0.1 inch of water immediately after application to activate (release from the granule) the insecticide.
Bifenthrin* 0.2%	² Annual Bluegrass Weevil (Hyperodes) adults: Applications should
OTHER INGREDIENTS:99.8%	be timed to control adult weevils as they leave their overwintering
TOTAL:	sites and move into grass areas. This movement generally begins when Forsythia is in full bloom and concludes when flowering
* Cis isomers 97% minimum, trans isomers 3% maximum.	dogwood is in full bloom. Consult your State Cooperative Extensio Service for more specific information regarding application timing.

* Cis isomers 97% minimum, trans isomers 3% maximum **KEEP OUT OF REACH OF CHILDREN**

CAUTION	
FIRST AID	

- 1				
		FIRST AID		
	If on skin or clothing:	Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes Call a poison control center or doctor for treatment advice.		
	EMERGENCY INFORMATION			
	Have the product container or label with you when calling a po			

control center or doctor, or going for treatment.
FOR THE FOLLOWING EMERGENCIES, PHONE 24 HOURS A DAY: For Medical Emergencies phone:.. For Transportation Emergencies, including spill, leak or fire, phone: CHEMTREC®... .1-800-424-9300

For Product Use Information, phone: AMVAC®. ...1-888-462-6822 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.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS CAUTION: Harmful if absorbed through skin. 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. Remove and wash contaminated clothing before reuse. **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. To protect the environment, do not allow pesticide to enter or run-off into storm drains, drainage ditches, gutters or surface waters. Applying this product in calm weather when rain is not predicted for the next 24 hours will help to ensure that wind or rain does not blow or wash pesticide off the treatment area. Sweeping any 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. **DIRECTIONS FOR USE**

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

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 climate modification and being grown in interior plantscapes, ornamental gardens or parks, or lawns or grounds.

Do not apply more than 0.2 lb. active ingredient (a.i.) 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 0.4 lb. a.i. per acre per application on non-residential use sites (i.e., around institutional, public, commercial or industrial buildings; parks; recreational areas or athletic fields). Do not broadcast apply more than 0.4 lb. a.i. (200 lbs. WISDOM LAWN GRANULAR INSECTICIDE) per acre per year.

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. Do not

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

LAWN AND PERIMETER APPLICATIONS

LAWN APPLICATION: Broadcast WISDOM LAWN GRANULAR INSECTI-CIDE with suitable application equipment to ensure uniform coverage

APPLICATION RATES

The application rates listed in the following table will provide excellent control of the respective pests under typical conditions. However, at the discretion of the applicator, WISDOM LAWN GRANULAR INSECTICIDE may be applied at up to 0.4 lb. a.i. per acre to control each of the pests listed in this Table. For residential lawn use, do not apply more than 0.2 lb. a.i. per acre per application.

PEST	ACTIVE INGREDIENT LB. PER ACRE		CATION RATE Granular insectididi		
Armyworms ¹ Cutworms ¹ Sod Webworm ¹	0.1 lb.	50 lbs.	1.15 lbs.		
	a.i./A	per acre	per 1000 sq. ft.		
Annual Bluegrass Weevil (Hyperodes) (Adult) ² Billbugs (Adult) ³ Black Turfgrass Ataenius (Adult) ⁴ Leafhoppers Mealybugs	0.1 – 0.2 lb. a.i./A	50 - 100 lbs. per acre	1.15 – 2.3 lbs. per 1000 sq. ft.		
European Crane Fly	0.15 – 0.3 lb.	75 - 150 lbs.	1.75 – 3.50 lbs.		
	a.i./A	per acre	per 1000 sq. ft.		
Ants Centipedes Chinch Bugs ⁵ Fleas (Larvae) ⁶ Fleas (Adults) Imported Fire Ants (Adult) ⁷ Imported Fire Ants (Mounds) ⁷ Millipedes Mole Cricket (Adult) ⁸ Mole Cricket (Nymph) ⁹ Ticks ¹⁰	0.2 – 0.4 lb.	100- 200 lbs.	2.3 – 4.6 lbs.		
	a.i./A	per acre	per 1000 sq. ft.		
Pillbugs	0.4 lb.	200 lbs.	4.6 lbs.		
Sowbugs	a.i./A	per acre	per 1000 sq. ft.		

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,

NET CONTENTS: 25 LB



corners of a rectangular structure).

best results, apply in cool weather (65° to 80° F) or in early morning or late evening hours. Treat new mounds as they appear. Food utensils such as teaspoons and measuring cups should not be used for food purposes

NOTE: The amounts of WISDOM LAWN GRANULAR INSECTICIDE listed in the above 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

FIRE ANT MOUND TREATMENT: Apply 1/2 cup of WISDOM LAWN

GRANULAR INSECTICIDE per mound and then drench the mound with 1

to 2 gallons of water. The mound should be drenched with sufficient force to break its apex and allow the insecticide to flow into the ant tunnels. For

after use with insecticide.

INDUSTRIAL NON-AGRICULTURAL APPLICATIONS (Including Industrial Sites, Parks, Ball Fields and Cemeteries)

BROADCAST SPOT APPLICATIONS: For the control of actively foraging ants (including Imported Fire Ants) broadcast uniformly 2.3 to 4.6 lbs. WISDOM LAWN GRANULAR INSECTICIDE per 1000 sq. ft. (0.2 to 0.4 lb. a.i./A). See comments section under Lawn & Perimeter Applications for additional rate directions.

PAD MOUNTED ELECTRICAL SITES: To reduce or prevent ant mound building activity on electrical pads, uniformly distribute 1.0 to 1.5 Tablespoons (0.06 to 0.09 lb.) of WISDOM LAWN GRANULAR INSECTI-CIDE per 4 sq. ft. of mounting pad. Where existing transformers are completely or partially filled with soil excavated by resident ants, emove any excess fill and level the remaining soil prior to application.

NOTE: Electrical transformers appear to be more attractive to ants during the cooler months. For best results, treat in the Fall or early Spring.

WISDOM LAWN GRANULAR INSECTICIDE - Spreader Settings for

broadcast Applications.						
	GROUND SPEED (MPH)	SPREADER SETTING				
EQUIPMENT		100 Pounds per Acre		200 Pounds per Acre		
		Once Over	Twice Over	Once Over	Twice Over	
Hand-Pushed						
LESCO Rotary	3	B + 1/4	A + 1/2	C + 1/2	B + 1/4	
Scotts R-8A-1 Rotary	3	G	E	Not Rec.	G	
Gandy Models (42, 36, 30, 24)	3	12	10.5	16	12	
Spyker (all Models)	3	2.6	2	3.1	2.6	
Equipment Drawn (PTO=540 RPM)						
Gandy Models (42, 36, 30, 24)	4.5	14	11.5	19	14	
Gandy 6500 Series	4.5	15	11	20	15	
Gandy 10T Series	5.0	16.5	12	24	16.5	
Herd GT-77	4.0	-	-	8-H	-	
Herd GT-77	8.0	8-H	-	-	8-H	
Lely 2.3202.000.1	4.5	2	1	3.5	2	
Lely Model L-400	4.5	Not Rec.	Not Rec.	2	Not Rec.	
Vicon PS402	4.5	10	7	16	10	
Vicon PS1002T	4.5	13	9	21	13	

NOTE: These settings should be used as starting points when calibrating a spreader to achieve the desired application rate of WISDOM LAWN GRANULAR INSECTICIDE.

After calibration, the technician should regularly observe the amount of WISDOM LAWN GRANULAR INSECTICIDE that is applied to a known area and make further setting adjustments, as necessary, to maintain the appropriate application rate. Spreaders should be calibrated periodically to ensure that equipment wear or other factors have not altered the flow rate of WISDOM LAWN GRANULAR INSECTICIDE. Calibration instructions are included in the Owner's Manual that was provided by the equipment manufacturer at the time of purchase.

RESISTANCE: Some insects are known to develop resistance to products used repeatedly for control. Because the development of esistance cannot be predicted, the use of this product should conform to resistance management strategies established for the use area. Consult your local or state pest management authorities for details.

If resistance to this product develops in your area, this product, or other products with a similar mode of action, may not provide adequate control. If poor performance cannot be attributed to improper application or extreme weather conditions, a resistant strain of insect may be present. If you experience difficulty with control and suspect that resistance is a reasonable cause, immediately consult your local company representative or pest management advisor for the best alternative method of control for your area. Dealers Must Sell in Original Packages Only.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal. PESTICIDE STORAGE: Keep out of reach of children and animals. Store in original containers only. Store in a cool, dry place and avoid excess heat. Carefully open containers. After partial use close tightly. In case of spill, avoid contact, isolate area and keep out animals and unprotected persons. Confine spills. Call Chemtrec 1-800-424-9300. To confine spill: Cover to prevent dispersal. Place damaged package in a holding container. Identify contents.

PESTICIDE DISPOSAL: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility. CONTAINER DISPOSAL: Nonrefillable container. Do not reuse or refill this container. Paper and plastic bags: Completely empty bag into application equipment. When completely empty, offer for recycling, if available or 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.

LIMITED WARRANTY AND DISCLAIMER

The manufacturer warrants (a) that this product conforms to the chemical description on the label; and (b) that the directions, warnings, and other statements on this label are based upon responsible experts' evaluations of reasonable tests of effectiveness, of toxicity to laboratory animals and to plants and residues on food crops, and upon reports of field experience. Tests have not been made on all varieties of food crops and plants, or in all states or under all conditions. THIS WARRANTY DOES NOT EXTEND TO THE USE OF THIS PRODUCT CONTRARY TO LABEL INSTRUCTIONS. OR UNDER CONDITIONS NOT REASONABLY FORESEEABLE. THERE ARE NO EXPRESS WARRANTIES OTHER THAN THOSE SET FORTH HEREIN TO THE EXTENT CONSISTENT WITH APPLICABLE LAW THE MANUFACTURER NEITHER MAKES NOR INTENDS, NOR DOES IT AUTHORIZE ANY AGENT OR REPRESENTATIVE, TO MAKE ANY OTHER WARRANTIES EXPRESS OR IMPLIED AND IT EXPRESSLY **EXCLUDES AND DISCLAIMS ALL IMPLIED WARRANTIES OF MERCHANTABILITY OF** FITNESS FOR A PARTICULAR PURPOSE OR ANY WARRANTY OF OUGLITY OR PERFORMANCE. THIS WARRANTY DOES NOT EXTEND TO, AND THE BUYER SHALL BE SOLELY RESPONSIBLE FOR, ANY AND ALL LOSS OR DAMAGE WHICH RESULTS FROM THE USE OF THIS PRODUCT IN ANY MANNER WHICH IS INCONSISTENT WITH

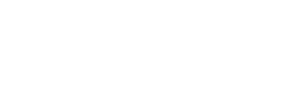
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ACCEPTED VIA NOTIFICATION LABEL NOT REVIEWED

August 19, 2019

New York State Department of Environmental Conservation Division of Materials Management Pesticide Product Registration

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