WISDOM® EZ

For sale to, use, and storage by commercial applicators 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 Weight
Bifenthrin* .......................................................... 0.2%
OTHER INGREDIENTS: .............................................. 99.8%
TOTAL: ..................................................................... 100.0%

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

KEEP OUT OF REACH OF CHILDREN

CAUTION
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 center or doctor for treatment advice.

EMERGENCY INFORMATION

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

FOR THE FOLLOWING EMERGENCIES, PHONE 24 HOURS A DAY:

CHEMTREC
For Medical Emergencies, phone:..........

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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.

SEE SIDEBACK PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS AND DIRECTIONS FOR USE.

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 on residential use sites (i.e., around private homes, apartment buildings, condominiums, non-agricultural outbuildings, non-commercial greenhouses, private schools or day care facilities). May be applied at up to 0.4 lb. a.i. per acre on non-residential sites (i.e., institutional, public, commercial or industrial buildings; parks; recreational areas or athletic fields).

Do not broadcast apply more than 0.4 lbs. A.I. (200 lbs. WISDOM EZ) 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 EZ with suitable application equipment to ensure uniform coverage over the treatment area.

APPLICATION RATES

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

PEST  ACTIVE INGREDIENT LBS.  APPLICATION RATE WISDOM EZ
Armyworms*  0.1 lbs. a.i./A  1.15 lbs. per 1000 sq. ft.
Cutworms*  0.1 lbs. a.i./A  1.15 lbs. per 1000 sq. ft.
Sod Webworm*  0.1 lbs. a.i./A  1.15 lbs. 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, or drainage ditch).

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

COMMENTS

1Armyworms, 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.

2Annual Bluegrass Weevil (Hyperodestes) adults: Applications should be timed 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.

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 control of over-wintered chinch bugs.

4Black Turfgrass Attenius adults: Applications should be made during May and July to control the first and second generation of black turgrass attenius adults, respectively. The May application should be timed to coincide with the blooming of Rose of Sharon (Hibiscus syriacus). The July applications should be timed to coincide with the blooming of Rose of Sharon (Hibiscus syriacus).

5Chinch Bugs: Chinch bug 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 bug can be one
of the most difficult pests to control in grasses and the higher applications rates may be required to control populations that contain both nymphs and adults during the summer.

1Fea larva: Fea larva 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.

2Imported 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 in cool weather (65 – 80°F) or in early morning or late evening hours. Note: A spray rig that is calibrated to apply 0.1 lb a.i./20 (20x) of WISDOM EZ will provide six months residual activity for control of foraging imported Fire Ants and newly mated fly-in queens. *Not applicable in California.

3Mole Cricket adults: Achieving acceptable control of adult mole cricket 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 inches of water immediately after treatment. If the soil is not moist, then it is important to irrigate before application to bring 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 optimum control of subsequent nymph populations (see below).

4Mole 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 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 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 inches of water immediately after treatment. If the soil is not moist, then it is important to irrigate before application to bring mole crickets closer to the soil surface where contact with the insecticide will be maximized.

5Ticks: 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 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. Applications should be made 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 they are likely to be encountered when walking. Applications should be made as necessary from mid-spring to early fall to control American dog tick larva, nymphs and adults.

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

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

### Applications Chart

<table>
<thead>
<tr>
<th>Pounds of WISDOM EZ</th>
<th>Perimeter Applications</th>
<th>Linear Distance (Feet) Around Structure</th>
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</thead>
<tbody>
<tr>
<td>100</td>
<td>150</td>
<td>200</td>
</tr>
<tr>
<td>250</td>
<td>300</td>
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<tr>
<td>500</td>
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<table>
<thead>
<tr>
<th>Band</th>
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<th>3.0</th>
<th>3.5</th>
<th>4.0</th>
<th>4.6</th>
<th>5.0</th>
<th>5.6</th>
<th>6.2</th>
<th>6.8</th>
<th>7.4</th>
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<tbody>
<tr>
<td>Width</td>
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<td>7</td>
<td>8</td>
<td>9</td>
<td>10</td>
<td>10</td>
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### Equipment Chart

<table>
<thead>
<tr>
<th>Equipment</th>
<th>GROUND SPEED (MPH)</th>
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</thead>
<tbody>
<tr>
<td>LEED 1</td>
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<tr>
<td>LEED 2</td>
<td>3</td>
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<table>
<thead>
<tr>
<th>Hand-Pushed</th>
<th>B + 1/4</th>
<th>A + 1/2</th>
<th>C + 1/2</th>
<th>B + 1/4</th>
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<tbody>
<tr>
<td>Scots B-8A</td>
<td>G</td>
<td>E</td>
<td>Not Rec.</td>
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### Equipment Drawn (PTO=540 RPM)

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<thead>
<tr>
<th>Equipment</th>
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<tbody>
<tr>
<td>Gandy Models (42, 36, 30, 24)</td>
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<tr>
<td>Model 1</td>
<td>11.5</td>
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<tr>
<td>Model 2</td>
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<td>Model 3</td>
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<table>
<thead>
<tr>
<th>Equipment</th>
<th>GROUND SPEED (MPH)</th>
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<tbody>
<tr>
<td>Gandy 6500 Series</td>
<td>4.5</td>
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<td>Model 1</td>
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<tr>
<td>Model 2</td>
<td>20</td>
</tr>
<tr>
<td>Model 3</td>
<td>15</td>
</tr>
</tbody>
</table>

### PESTICIDE 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.

### CONTAINER DISPOSAL: Nonrefillable container. Do not reuse or refill this container.

### DATA SHEET:

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; (b) that this product is reasonably fit for the purposes set forth in the directions for use, subject to the inherent risks referred to herein, when it is used in accordance with such directions; and (c) 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.

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AMVAC Chemical Corporation
4100 E. Washington Boulevard
Los Angeles, CA 90023 U.S.A.
1-888-462-6822

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