Benefit 60 WP

Greenhouse and Nursery Insecticide in Water Soluble Packaging
For Foliage and Systemic Insect Control on Ornamental and Vegetable Plants in Greenhouses, Nurseries and Interior Plantscapes

ACTIVE INGREDIENT:
Imidacloprid, 1-(N-Chloro-3-pyridyl) methyl-N-nitro-2-imidazolidinamine ........................ 60%
OTHER INGREDIENTS: ........................................................................................................ 40%
Total 100%

EPA Reg. No. 42750-153-58185  EPA Est. 65387-AR-002

KEEP OUT OF REACH OF CHILDREN

CAUTION

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION: Harmful if swallowed, inhaled, or absorbed through skin. Causes eye irritation. Avoid contact with skin, eyes, or clothing. Avoid breathing dust or vapor.

See booklet for additional Precautionary Statements, First Aid and Directions For Use.

First Aid

IF SWALLOWED: Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person.

IF INHALED: Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. Call a poison control center or doctor for further treatment advice.

IF ON SKIN OR CLOTHING: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15 to 20 minutes. Call a poison control center or doctor for treatment advice.

IF IN EYES: Hold eye open and rinse slowly and gently with water for 15 to 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.

In case of emergency call toll free at 1-888-241-6408. Have a product container or label with you when calling a poison control center or doctor, or going for treatment.

Note To Physician: No specific antidote is available. Treat the patient symptomatically.

Environmental Hazards

This product is highly toxic to aquatic invertebrates. Do not apply directly to 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 washwaters.

Precautionary Statements

Hazard to Humans and Domestic Animals

Caution: Harmful if swallowed, inhaled, or absorbed through skin. Causes eye irritation. Avoid contact with skin, eyes, or clothing. Avoid breathing dust or vapor.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Applicators and other handlers must wear:

• Long-sleeved shirt and long pants
• Chemical-resistant gloves made of any waterproof material such as barrier laminate, butyl rubber, nitrile rubber, neoprene rubber, natural rubber, polyethylene, polyvinylchloride (PVC) or viton
• Shees plus socks

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

Engineering Controls Statements

When handlers use closed systems, enclosed cabs, or aircraft in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240-240.86], the handler PPE requirements may be reduced or modified as specified in the WPS.

User Safety Recommendations

User should:

• Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
• Remove clothing immediately if pesticides gets inside. Then wash thoroughly and put on clean clothing.
• Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

Environmental Hazards

This product is highly toxic to aquatic invertebrates. Do not apply directly to 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 washwaters.

This product is highly toxic to bees exposed to direct treatment or residues on the foliage of 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.

Net Contents: 3.53 oz. (100 g)

[Distributed by: Eversis NA Inc. PO Box 3310 Dublin, OH 43016]

E956601

New 01-25-2012
This chemical demonstrates the properties and characteristics associated with chemicals detected in groundwater. The use of this chemical in areas where soils are permeable, particularly where the water table is shallow, may result in groundwater contamination.

DIRECTIONS FOR USE
IT IS A VIOLATION OF FEDERAL LAW TO USE THIS PRODUCT IN A MANNER INCONSISTENT WITH ITS LABELING.

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

AGRICULTURAL USE REQUIREMENTS
Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE), and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 12 hours.

Exceptions: If the product is soil-injected or soil-incorporated, the Worker Protection Standard, under certain circumstances, allows workers to enter the treated area if there will be no contact with anything that has been treated, such as plants, soil, or water, etc.

Do not apply this product to areas of standing water.

STORAGE AND DISPOSAL
Do not contaminate water, food, or feed by storage or disposal. Store in a cool, dry place and in such a manner as to prevent cross contamination with other pesticides, fertilizers, food, and feed. Store in original container and out of the reach of children, preferably in a locked storage area. Handle and open container in a manner as to prevent spillage. If the container is leaking, invert to prevent leakage. If container is leaking or material spilled for any reason or cause, carefully clean up spilled material to prevent runoff. Refer to Precautionary Statements on label for hazards associated with the handling of this material. Do not walk through spilled material. Absorb spilled material with absorbent type materials and dispose of as directed for pesticides below. In spill or leak incidents, keep unauthorized people away.

Pesticide disposal: Wastes resulting from the use of this product may be disposed of on site or in an approved waste disposal facility.

CONTAINER DISPOSAL: Completely empty bag into applica- tion equipment. Then dispose of in a sanitary landfill or by incineration on or by State and local authorities, by burning. It burned, stay out of smoke.

GENERAL INFORMATION
BENEFIT® 60 WP is for insect control on ornamental and vege- table plants in nurseries, greenhouses and interior plantscapes. BENEFIT 60 WP is a systemic product and will be translocated upward within the plant. To assure optimum effectiveness, the product must be placed where the roots of the plant can absorb the active ingredient.

Do not apply when wind speed favors drift beyond the area intended for treatment.

Irrigate moderately but thoroughly after application, allowing no contact with or runoff from container for at least 3 irrigations or 10 days whichever is longer.

Resistance: Some insects are known to develop resistance to insecticides after repeated use. As with any insecticide, the use of this product should conform to resistance management strategies established for the use area. Consult your Cooperative Extension Service for resistance management strategies and recommended pest management practices for your area.

For resistance management purposes, a full application of any chloronitro-phenyl insecticide following a BENEFIT 60 WP soil application should be made for 30 to 60 days.

Integration: Incorporation of BENEFIT 60 WP can be achieved by cultivation, irrigation, rainfall, mechanical placement, soil injection, drenching, and broadcast sprays.

Woody Perennials: Onset of protection is slower than in herba- ceous species. A delay of 2 or more weeks should be expected. Longer delays may be expected with larger plants. Application should therefore be made well in advance of expected insect activity.

Bank Medias: Media with 30 to 50% or more bark content may confer a shorter period of protection when treated with BENEFIT® 60 WP.

Tank Mixes: BENEFIT 60 WP has been found to be compatible with commonly used liquid fertilizers, fungicides and insecticides. Check physical compatibility using the correct proportion of products in a small jar test if local experience is unavailable.

PLEASE NOTE: Do not use BENEFIT 60 WP packets in a tank mix with products that contain boron or release free chlorine. This resultant reaction of FFA and boron or free chlorine is a plastic which is not soluble in water. However, normal chlorinated water is acceptable for mixing.

Mixing: Within each full pouch is a clear inner packet contain- ing BENEFIT 60 WP. The clear inner packet is water soluble. Do not allow packets to become wet prior to adding to the tank. Do not handle the clear inner packets with wet hands or wet gloves. Rough handling may cause breaks.

Renew outer carton to protect remaining packets. To prepare the mixture, remove the outer foil pouch and pour the required amount of powder into the sprayer tank. Do not mix with other pesticides or soaking agents.

On windy days, with the product present in the spraying solution, the entire plant may be covered with a fine white dust of spray residue. This is a normal condition and should not detract from the application. Material may be expected to adhere to plants by osmosis and increased humidity. It is not necessary to immediately replace the operator to make another application.

On application days, especially in windy conditions, the applicator should be alert for possible eye irritation. Full protective gear should be worn and equipment should be tested for proper functioning.

APPLICATION TO GRASSY AREAS IN NURSERIES
BENEFIT 60 WP can be used for the control of the following soil inhabiting pests of grassy areas of nurseries: Northern and Southern masked chafers, Cyclophora borealis, C. invernalis, and C. luridus; Asian garden beetles, Malaearia castanee; European chafer, Rhinocorus majalis; Green June beetle, Colotis indicus; May or June beetles, Phyllophaga spp.; Japanese beetle, Popillia japonica; Oriental beetles, Anotaia orientalis.

APPLICATION THROUGH IRRIGATION SYSTEMS
BENEFIT 60 WP may be applied at rates recommended on this label either alone or in tank mixture with other pesticides and chemicals registered for application through irrigation systems. The normal dilution ratio is 1:10 to 1:200, depending on the system. Always meter the product into the irrigation water during the first part of the irrigation cycle. The product may be mixed

BITUBX, Sphapherum spp.; Annual bluegrass weevils, Hypothenemus spp.; Black turfgrass attemmata, Abenesis ariatula and Aphidius spp.; Mole crickets, Gryllotalopsis spp.

BENEFIT 60 WP can also be used for suppression of curculions and hairy chinchbugs.

BENEFIT 60 WP can be used as directed on nursery grasses in sites such as under or around field or container grown plants, on roadways or other grassy areas in or around nurseries.

BENEFIT 60 WP cannot be used on commercial and farms.

The active ingredient in BENEFIT 60 WP has sufficient residual activity so that applications can be made preceding the egg laying activity of the target pests. High levels of control can be achieved when applications are made preceding or during the egg laying period. The need for an application can be based on historical monitoring of the site, previous records or experiences, current season adult trapping or other methods. optimum control will be achieved when applications are made prior to egg hatch of the target pests, followed by sufficient irrigation or rainfall to move the active ingredient through the thatch.

Applications should not be made when grassy areas are water-logged or the soil is saturated with water. Adequate distribution of the active ingredient cannot be achieved when these conditions exist. The treated grassy area must be in such a condition that the rainfall or irrigation will penetrate vertically in the soil profile. Application cannot exceed a total of 10.7 oz. (0.4 lb of active ingredient) per acre per year.

Application Equipment for Use on Grass Areas in Nurseries: Apply BENEFIT 60 WP in sufficient water to provide adequate distribution in the treated area. The use of accurately calibrated equipment normally used for soil application of insecticides is required. Use equipment which will produce a uniform, coarse droplet spray, using a low pressure setting to eliminate off-target drift. Check equipment periodically to ensure that equipment is working properly.

APPLICATION THROUGH IRRIGATION SYSTEMS
BENEFIT 60 WP may be applied at rates recommended on this label either alone or in tank mixture with other pesticides and chemicals registered for application through irrigation systems. The normal dilution ratio is 1:10 to 1:200, depending on the system. Always meter the product into the irrigation water during the first part of the irrigation cycle. The product may be mixed...
separately prior to injection. Agitation may be necessary if the mixture is allowed to stand more than 24 hours.

Remove scale, pesticide residue and other foreign matter from the tank and entire irrigation system.

Apply BENEFIT® 60 WP only through micro-irrigation (individual sprinkler) heads, drip irrigation, overhead irrigation,ebb and flood, or hand-held or motorized calibrated irrigation equipment. Do not apply this product through any other type of irrigation system. Crop injury or lack of effectiveness can result from non-uniform distribution of treated water.

If you have any questions about calibration, you should contact State Extension Service specialists, equipment manufacturers or other experts.

Do not connect an irrigation system (including greenhouse systems) used for pesticide application to a public water system unless the pesticide label-prescribed safety devices for public water systems are in place. A person knowledgeable of the irrigation system and responsible for its operation, or a person who is under the supervision of the responsible person, shall shut the system down and make necessary adjustments should the need arise.

SAFETY DEVICES FOR IRRIGATION SYSTEMS CONNECTED TO PUBLIC WATER SUPPLIES:

If the source of water for your irrigation system is a public water supply, follow the instructions below.

1. Public water system means a system for the provision to the public of drinking water. If such system has at least 15 service connections or regularly serves an average of at least 25 individuals daily at least 60 days out of the year.

2. Irrigation systems connected to public water systems must contain a functional, reduced-pressure zone, backflow preventer (RPZ) or the functional equivalent in the water supply line upstream from the point of pesticide introduction. As an option to the RPZ, water from the public water system should be discharged into a reservoir tank prior to pesticide introduction. There shall be a complete physical break in (air gap) between the cutoff end of the fill pipe and the top or overflow rim of the reservoir tank at least twice the inside diameter of the fill pipe.

3. The pesticide injection pipeline must contain a functional, automatic, quick-closing check valve to prevent the flow of fluid back toward the injection pump.

4. The pesticide injection pipeline must contain a functional, normally closed, solenoid-operated valve located on the intake side of the injection pump and connected to the system interlock to prevent fluid from being withdrawn from the supply tank when the irrigation system is either automatically or manually shut down.

5. The system must contain functional interlocking controls to automatically shut off the pesticide injection pump when the water pump motor stops.

6. Systems must use a metering pump, such as a positive displacement injection pump (e.g., diaphragm pump) effectively designed and constructed of materials that are compatible with pesticides and capable of being fitted with a system interlock.

7. Do not apply when wind speed favors drift beyond the area intended for treatment.

SAFETY DEVICES FOR IRRIGATION SYSTEMS NOT CONNECTED TO A PUBLIC WATER SUPPLY:

1. The system must contain a functional check valve, vacuum relief valve and low pressure drain appropriately located on the irrigation pipeline to prevent water source contamination from backflow.

2. The pesticide injection pipeline must contain a functional, automatic, quick-closing check valve to prevent the flow of fluid back toward the injection pump.

3. The pesticide injection pipeline must also contain a functional normally closed solenoid-operated valve located on the intake side of the injection pump and connected to the system interlock to prevent fluid from being withdrawn from the supply tank when the irrigation system is either automatically or manually shut down.

4. The system must contain functional interlocking controls to automatically shut off the pesticide injection pump when the water pump motor stops.

5. The irrigation line or water pump must include a functional pressure switch which will stop the water pump motor when the water pressure decreases to the point where the pesticide distribution is adversely affected.

6. Systems must use a metering pump such as a positive displacement injection pump (e.g., diaphragm pump) effectively designed and constructed of materials that are compatible with pesticides and capable of being fitted with a system interlock.

7. Do not apply when wind speed favors drift beyond the area intended for treatment.

RECOMMENDED APPLICATIONS

**GRASSY AREAS OF FIELD & FOREST NURSERY**

<table>
<thead>
<tr>
<th>PEST</th>
<th>DOSAGE</th>
</tr>
</thead>
</table>
| Larvae of:  
- Annual bluegrass weevil  
- Astroturf garden beetle  
- Billbugs  
- Black turfgrass aestivalis  
- Cutworms (suppression)  
- European Chafer  
- Green June beetle  
- Japanese beetle  
- Northern masked chafers  
- Oriental beetle  
- Phytophaga spp.  
- Southern masked chafers | One packet per 2,000-3,000 sq. ft. |

For control of chinch bugs, make application prior to the hatching of the first instar nymphs. For control of mole crickets, make application prior to or during the pink egg hatch period. When adults or large nymphs are present and actively tunneling, BENEFIT® 60 WP application should be accompanied by a curative insecticide. Follow label instructions for other insects when tank-mixing.

Consult your local turf, state Agricultural Experiment Station, or State Extension Service Specialist for more specific information regarding timing of application.

NOTE: For optimum control, irrigation or rainfall should occur within 24 hours after application to move the active ingredient through the thatch.

Do not apply more than 10.7 oz. (0.4 lb. of active ingredient) per acre per year. Avoid moving grass area until after sufficient irrigation or rainfall has occurred so that uniformity of application will not be affected.

**RECOMMENDED APPLICATIONS**

**FOR USE ON OR IN ORNAMENTALS**

For foliar and systemic insect control in and around field-grown nursery and container stock, indoor and outdoor ornamentals (including both greenhouse and interior plantscape) and ornamentals grown in flats, benches or beds.

<table>
<thead>
<tr>
<th>CRAP</th>
<th>PEST</th>
<th>DOSAGE</th>
</tr>
</thead>
</table>
| Trees  
- (excluding non-bearing fruit and nut)  
- Shrub  
- Evergreen  
- Flowers  
- foliage plants  
- ground covers  
- interior plantscape  
- vegetable plants* | One packet per 100 gal. water |

| One packet per 2,000-3,000 sq. ft. |

For resistance management purposes, a BENEFIT® 60 WP foliar application following a soil application in the same crop is not recommended.

White grub larvae (such as Japanese beetle larvae), chafers, Phyllophaga spp., Astroturf garden beetle, Oriental beetle.

- broadcast applications: mix required amount of product in sufficient water to uniformly and accurately cover the area being treated. Do not use less than 2 gallons of water per 1,000 sq. ft. For optimum control, irrigate thoroughly to incorporate BENEFIT® 60 WP into the upper soil profile. Apply as a broadcast treatment and incorporate into the soil before planting or apply after plants are established. If application is made to established plants, optimum control will be attained if area is irrigated thoroughly after application.

- Only for use on vegetable plants intended for resale

**For use on ornamental plants intended for resale**

### RECOMMENDED DRENCH AND IRRIGATION APPLICATIONS

For use only on ornamental and vegetable plants in greenhouses, nurseries and interior plantscapes using soil drenches, micro-irrigation, drip irrigation, overhead irrigation, edib flood irrigation, or hand-held or motorized calibrated irrigation equipment.

<table>
<thead>
<tr>
<th>Pest</th>
<th>Use Pattern Plants In Containers</th>
<th>Dosage - BENEFIT 60 WP</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td><strong>Herbaceous plants</strong></td>
<td>Container Size (inches)</td>
<td>No. pots treated with one (1) Packet</td>
</tr>
<tr>
<td>Adelgids</td>
<td>2</td>
<td>3000</td>
<td></td>
</tr>
<tr>
<td>Aphids</td>
<td>3</td>
<td>2000</td>
<td></td>
</tr>
<tr>
<td>armored scale (suppression)</td>
<td>4</td>
<td>1500</td>
<td></td>
</tr>
<tr>
<td>Fungus gnats (female only)</td>
<td>5</td>
<td>1200</td>
<td></td>
</tr>
<tr>
<td>Japanese Beetle (adults)</td>
<td>6</td>
<td>1000</td>
<td></td>
</tr>
<tr>
<td>Leafhoppers (including elate and viburnum leaf beetles)</td>
<td>10</td>
<td>600</td>
<td></td>
</tr>
<tr>
<td>Leaf miners</td>
<td>11</td>
<td>550</td>
<td></td>
</tr>
<tr>
<td>Mealybugs</td>
<td>12</td>
<td>500</td>
<td></td>
</tr>
<tr>
<td>Root mealybugs</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Root Weevil Complex (such as Black Vine Weevil, Aplolka Weevil, Citrus Root Weevil)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Soft Scale</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Thrips (suppression)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>White Grub larvae (such as Japanese Beetle, Masked Chafer, European Chafer, Oriental Beetle, Asilidae Garden Beetle)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Whiteflies</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Evenly distribute one (1) packet of BENEFIT 60 WP in the stated number of pots, using sufficient water volume to wet potting medium without loss of liquid through leaching. Apply according to label directions.

- Follow application with moderate irrigation.
- Irrigate carefully during the next 10 days in order to avoid loss of active ingredient due to leaching.

### RECOMMENDED DRENCH AND IRRIGATION APPLICATIONS CONTINUED

<table>
<thead>
<tr>
<th>Pest</th>
<th>Use Pattern</th>
<th>Dosage - BENEFIT 60 WP</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>See previous page</td>
<td>Ornamental and vegetable plants grown in flats, benches, or beds</td>
<td>One packet per 3,000 sq. ft.</td>
<td>Mix required amount in sufficient water to uniformly and accurately cover the area being treated. Do not use less than 2 gallons of mixture per 1,000 sq. ft.</td>
</tr>
<tr>
<td>Containerized Plants</td>
<td></td>
<td></td>
<td>Apply as a broadcast treatment and incorporate into the medium before planting or apply after plants are established. If application is made to established plants, optimum control will be obtained if areas are lightly irrigated after application. Allow no leaching or runoff for 10 days after application.</td>
</tr>
<tr>
<td>White Grub larvae (such as Japanese Beetle, Masked Chafer, European Chafer, Oriental Beetle, Asilidae Garden Beetle)</td>
<td>Field and Forest Nurseries.</td>
<td></td>
<td>Increasing the area to be treated should be moved to a height of 3 inches or less prior to application. Moving to the lowest possible height will insure greater consistency of control.</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Apply May through July. For optimum control, treatment should be followed by rainfall or irrigation. Do not use less than 2 gallons of spray volume per 1,000 square feet.</td>
</tr>
</tbody>
</table>

1 Fungus gnats larvae in the soil will be controlled by drench or incorporation. No adult Fungus Gnat control is achieved by the uptake of BENEFIT 60 WP from a healthy root system translocating the active ingredient up into the plant.
2 Root Mealybug control will require a thorough drenching of containerized media. Coverage is essential for control while minimizing the amount of leachate. Rate: one (1) packet in 150 gallons of water.
3 Citrus Root Weevil: For use on non-bearing citrus nursery stock.
RESTRICTIONS

- Do not apply to gardens which are waterlogged or saturated, which will not allow the penetration of the insecticide to the root zone of the plants.
- Do not allow leachate runoff for the first 3 days after application.
- Do not apply to soils which are waterlogged or saturated, which will not allow the penetration of the insecticide to the root zone of the plants.
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RECOMMENDED SOIL INJECTION AND DRENCH APPLICATIONS FOR NURSERY, GREENHOUSE AND INTERIORSCAPE PLANTS

- Adelgids
- Aphids
- Armored scales (suppression)
- Black vine weevil larvae
- Cactus fleas (taphomeron borer)
- Florida shrub borers (including brown needle and oleander borers)
- Japanese beetles (adults)
- Lacebugs
- Leaf beetles (including elm and viburnum leaf beetles)
- Leafhoppers (including glassy-winged sharpshooters)
- Leafminers
- Mealybugs
- Pine tip moth larvae
- Psyllids
- Royal palm bugs
- Sawfly larvae
- Soft scales

Thrips (suppression)
- White grub larvae
- Whiteflies

Trees: 1 packet (0.71 oz. or 20 g) per 8 to 16 inches of cumulative trunk diameter.

Soil Injection:
- GRID SYSTEM: Holes should be spaced on 2.5 foot centers, in a grid pattern, extending to the drip line of the tree.
- CIRCLE SYSTEM: Apply in holes evenly spaced in circles, (one more than one circle dependent upon the size of the tree) beneath the drip line of the tree extending in from that line.

Basal System: Space injection holes every 6 inches around the base of the tree. Trees no more than 6 to 12 inches out from the base.

Mix required dosage in sufficient water to inject an equal amount of solution in each hole. Maintain a low pressure and use sufficient solution for distribution of the liquid into the treatment zone. For optimum control, keep the treated area moist for 7 to 10 days. Do not use less than 4 holes per tree.

No Soil Injection Application Allowed in Nassau or Suffolk Counties of New York.

Soil Drench:
- Uniformly apply the dosage in no less than 10 gallons of water per 1,000 square feet as a drench around the base of the shrub, directed to the root zone. Remove plastic or any other barrier that will stop solution from reaching the root zone.

FLOWERS AND GROUND COVERS: 1 packet (0.71 oz. or 20 g) per 3,000 sq. ft.

Apply as a broadcast treatment and incorporate into the soil before planting or apply after plants are established. If application is made to established plants, optimum control will be attained if area is irrigated thoroughly after application.

EER & FLOOD APPLICATION

BENEFIT® 60 WP may be applied through Eer and Flood applications. To assure accurate uptake it is recommended that prior to treatment, a minimum of 10 plants be brought up to a known field capacity and allowed to dry out for one or two days. Re-wet these plants to determine how much water on average each plant will absorb to bring it back to field capacity. Use the volume absorbed per plant (keeping pot sizes uniform) multiplied by the number of pots being treated. Add to this volume a required minimum to flood your smallest treatment area. This should minimize the return to the storage tank. Re-use the returned volume with subsequent irrigation or nutrients on the same plants.

Adelgids
- Armored scales (suppression)
- Fungus Gnats (larvae only)
- Japanese beetles (adults)
- Lacebugs
- Leaf beetles (including elm and viburnum leaf beetles)
- Leafhoppers (including glassy-winged sharpshooters)
- Leafminers
- Mealybugs
- Psyllids
- Root mealybugs
- Root Weevil Complex (such as Aphodiella Weevil, Black Vine Weevil, Citrus Root Weevil)
- Soft Scales
- Thrips (suppression)
- Whiteflies

White grub larvae (such as Japanese Beetle, Masked Chafer, Oriental Beetle, Aedes Garden Beetle)

Pot sizes (inches)

<table>
<thead>
<tr>
<th>Pot sizes</th>
<th>Number of plants treated with one packet</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>3000</td>
</tr>
<tr>
<td>3</td>
<td>2000</td>
</tr>
<tr>
<td>4</td>
<td>600</td>
</tr>
<tr>
<td>5</td>
<td>1200</td>
</tr>
<tr>
<td>6</td>
<td>1000</td>
</tr>
<tr>
<td>7</td>
<td>850</td>
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1 Fungus gnats larvae in the soil will be controlled by drench or incorporation. No adult Fungus gnats control. Other foliar insect control is achieved by the uptake of BENEFIT® 60 WP from a healthy root system transplanting the active ingredient up into the plant.

2 Root Mealybug control will require a thorough drenching of containerized media. Coverage is essential for control while minimizing the amount of leachate. Rate: 1 packet (0.71 oz. or 20 g) in 150 gallons of water.

3 Citrus Root Weevil: For use on non-bearing citrus nursery stock.

4 Thrips suppression on foliage only. Thrips in buds and flowers will not be suppressed.

5 Note: For use on vegetable plants intended for resale only including: Broccoli, Chinese Broccoli, Broccoli Raab, Brussels Sprouts, Cabbage, Chinese Cabbage, Cauliflower, Collard, Eggplant, Ground Cherry, Kale, Kohlrabi, Lettuce, Mustard Greens, Peppers, Peas, Potatoes, Rape Greens, Sorghum, Sugarbeets, Tomatoes, and Tomatoes.
DISCLAIMER AND LIMITATION OF LIABILITY

IMPORTANT NOTICE FROM EVERRIS NA INC. (*Everris*), PLEASE READ BEFORE USE.

To the extent consistent with applicable law, user or buyer accepts the conditions, disclaimer of warranties and limitations of liability. Read the prime directions for use, conditions of warranties and limitations of liability before using this product. If terms are not acceptable, return the unopened product container at once for full refund.

CONDITIONS: The directions for use of this product are believed to be adequate and the user or buyer must always follow the label directions carefully and exercise judgment and caution when using this product under their growing conditions. However, it is impossible to eliminate all risks associated with the use of this product. Crop injury, ineffectiveness, unsatisfactory or substandard results or other unintended consequences may result because of such factors as weather conditions, presence or absence of other materials, or the manner of use or application, all of which are beyond the control of Everris. All such risks shall be assumed by the user or buyer.

WARRANTY: This product corresponds to all claims and descriptions set forth on the label and is reasonably fit for the purposes set forth in the directions for use on the label when used in accordance with those directions. This warranty is subject to the conditions and limitations stated herein. Everris recognize that the rights and remedies of the user or buyer are subject to the provisions of the applicable law, but makes no other warranties or representations, express or implied, of merchantability or of fitness for a particular purpose or otherwise, that extend beyond the statements made on this label. No agent of Everris is authorized to make any warranties beyond those contained herein or to modify the warranties contained therein. Subject to the user’s or buyer’s rights and remedies under the applicable law, Everris disclaims any liability whatsoever for special, incidental or consequential damages resulting from the use or handling of this product.