DuPont™ Acelepryn®
INSECTICIDE

GROUP 29 INSECTICIDE

INTENDED FOR USE BY
COMMERCIAL APPLICATORS ONLY.

For foliar and systemic control of white grubs and other harmful pests infesting landscape and recreational turfgrass (including golf courses) as well as landscape ornamentals, interior plantscapes and sod farms.

Net for Sale, Sale into, Distribution and/or Use in Nassau, Suffolk, Kings Counties of New York State.

Active Ingredient By Weight
Chlorantraniliprole* 3-Bromo-N-[4-chloro-2-methyl-6-
[[methylamino]carbonyl]phenyl] 1-
[3-chloro-2-pyridinyl]-1H-pyrazole-
6-carboxamide ........................................ 18.4%
Other Ingredients ..................................... 81.6%
TOTAL 100.0%

ACELEPRYN® insecticide is a suspension concentrate. This product contains 1.67 pounds of active ingredient per gallon.

*Chlorantraniliprole belongs to the anthranilic diamide chemical class.

KEEP OUT OF REACH OF CHILDREN

Si usted no entiende la etiqueta, hable con 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 panel for additional precautionary statements.

NO SIGNAL WORD is required for this product.

NET: 2 quarts (64 fl. oz.)
Nonrefillable Container
KEEP OUT OF REACH OF CHILDREN
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.)

FIRST AID
For questions regarding emergency medical treatment, you may contact 1-800-441-3837 for information.

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS
When used as directed this product does not present a hazard to humans or domestic animals

PERSONAL PROTECTIVE EQUIPMENT
Applicators and other handlers must wear:
- Long-sleeved shirt and long pants.
- Shoes plus socks.
Additional product has been diluted in accordance with label directions for use, shirt, pants, socks, and
- Should use sufficient Personal Protective Equipment (PPE). Follow manufacturer’s instructions for
- cleaning/maintaining PPE. If no such instructions for washables are available, use detergent and hot
- water. Keep and wash PPE separately from other laundry.

USER SAFETY RECOMMENDATIONS
Users should:
- Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.
- Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.

ENVIRONMENTAL HAZARDS
This pesticide is toxic to aquatic invertebrates, birds, fish and shrimp. Do not apply directly to water. Do not apply after rainfall. Do not apply to water or areas where runoff may enter surface water. Do not apply to areas where runoff may enter surface water. Do not apply to areas where runoff may enter surface water. This product is classified as having a high potential for reaching surface water via runoff for several months or more after application. A level, well-maintained vegetative buffer strip between areas to which this product is applied and surface water features such as ponds, streams, and swales will reduce the potential for runoff. Runoff of this product will be reduced by avoiding applications when rainfall is forecasted to occur within 48 hours.

Ground Water Advisory: This chemical has properties and characteristics associated with chemicals detected in ground water. This chemical may leach into ground water if used in areas where soils are permeable, particularly where the water table is shallow.
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.

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 (including nurseries), forests, orchards, or vineyards, 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 the label about personal protective equipment, restricted-entry interval, and notification to workers (as applicable).
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 State or Tribal agency responsible for pesticide regulation.
Do not enter or allow worker entry into treated areas during the restricted-entry interval (REI) of 4 hours.
For early entry into treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water, wear:
- Long-sleeved shirt and long pants
- Shoes plus socks

NON-AGRICULTURAL USE REQUIREMENTS
The requirements in this box apply to use of this product that are not within the scope of the Worker Protection Standard for agricultural pesticides, 40 CFR part 170. The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries, or greenhouses. Professional applications to golf courses, residential, industrial and commercial lawns and sports fields are not within the scope of the Worker Protection Standard. Do not enter or allow others to enter the treated area until sprays have dried.
DuPont™ ACELPRYN® insecticide must be used only in accordance with specifications on this label or in separate DuPont supplemental labeling that may be made temporarily available through local distributors, as a result of new EPA approvals. DuPont will not be responsible for losses or damages resulting from the use of this product in any manner not specifically stated on this label or other labeling or bulletins published by DuPont. User assumes all risks associated with such non-specified use.

PRODUCT INFORMATION
ACELPRYN® insecticide is a suspension concentrate that can be applied for the control of white grubs and other listed pests infesting landscape and recreational turfgrass (including golf courses) as well as caterpillars, carpet moth borers and other pests of landscape ornamentals, including bees,
ACHOLP™ insecticide may be used on plants or turfgrasses that are being grown for aesthetic or recreational purposes or for horticultural modification in or around home lawns, residential dwellings, business and office complexes, shopping complexes, multi-family residential complexes, institutional buildings, airports, cemeteries, interior landscapes, ornamental gardens, wildlife plantings, parks, playgrounds, school, day-care facilities, golf courses (see box areas, roughs, fairways, greens, collars etc.), athletic fields, other landscaped areas, and sod lawns.

ACHOLP™ insecticide is in GROUP 28 of the EPA's Insecticide and Acaricide Groups Based on Target Site of Action (EPA PR Notice 2001-5) and may be used in rotational resistance management programs.

ACHOLP™ insecticide must be diluted with water before application.

Consult your local DuPont Professional Products representative, Cooperative Extension Service specialist or pest control advisor for regionally specific information regarding application timing.

**APPLICATION TIMING**

**White Grubs:** Apply ACHOLP™ insecticide from early April to early September for preventative and early curative control of all the major white grub species invading turfgrass. The need for an application may be based on historical monitoring of the site, previous records or experiences, current season adult trapping or other methods. The higher rate listed for white grub control in Table 1 may be required in late August or early September when less sensitive mid-instar grubs are present at the time of application. Irrigate turf immediately after application or allow rainfall to move the product into the soil.

**Annual Bluegrass Weevil:** Apply ACHOLP™ insecticide when overwintered adult annual bluegrass weevils are observed in late April or early May to prevent damage from first generation larvae in late-May and June. An application of ACHOLP™ insecticide at this time will also provide excellent white grub control. The higher rates listed in Table 1 may be required for applications made after mid-May.

**Billbug:** Apply ACHOLP™ insecticide when overwintered adult billbugs are first observed. This will usually occur in late April or early May in regions with cool-season turfgrasses. An application of ACHOLP™ insecticide at this time will also provide excellent white grub control. The higher rates listed in Table 1 may be required for applications made after early May or when billbug species other than bluegrass billbug are present.

**Chinch Bugs:** For suppression of chinch bugs, apply ACHOLP™ insecticide before egg hatch.

**European Crane Fly:** Apply ACHOLP™ insecticide between September and November to control European crane fly larvae in turfgrass. The higher rate listed in Table 1 may be required to achieve control when applications are made in November.

**Turf Caterpillars:** ACHOLP™ insecticide will provide excellent curative caterpillar control in turfgrass. To ensure optimum control, delay watering (irrigation) or mowing for 24 hours after application. If the area being treated is maintained at a mowing height of greater than one inch, then the higher rate listed in Table 1 may be required during periods of high pest pressure.
APPLICATION RATES FOR LAWNS, GOLF COURSES AND OTHER RECREATIONAL TURFGRASS AREAS

For maximum residual effectiveness or for optimal control of large pest infestations, apply ACELEPRYN® insecticide at up to 24 fluid ounces per acre (= 0.55 fluid ounces per 1,000 square feet or 0.013 lb AEA) to control any of the pests listed below. Apply ACELEPRYN® insecticide in sufficient water to provide optimal distribution in the treated area. Use properly calibrated application equipment that will produce a uniform, coarse droplet spray, using a low pressure setting to eliminate oil target drift. Restriction: Do not apply more than 38.3 fluid ounces (equivalent to 0.7 lb of active ingredient) of product per year in broadcast applications to turfgrass.

TABLE 1: TURF APPLICATION RATES

<table>
<thead>
<tr>
<th>Target Pest</th>
<th>ACELEPRYN® Insecticide Turf Application Rates</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Product per Acre</td>
</tr>
<tr>
<td>Turf Caterpillars (including armyworms, cutworms and sod webworms)</td>
<td>2 to 4 fl.oz.</td>
</tr>
<tr>
<td>White Grubs (including Aphodius spp., Asiatic garden beetle, black turgrass alatinus, European chafer, green June beetles, Japanese beetle, Mylione beetles (Phyllotreta spp.), northern masked chafer, oriental beetle and southern masked chafer)</td>
<td>8 to 16 fl.oz.</td>
</tr>
<tr>
<td>European Crane Fly</td>
<td>8 to 16 fl.oz.</td>
</tr>
<tr>
<td>Billbugs</td>
<td>8 to 30 fl.oz.</td>
</tr>
<tr>
<td>Annual bluegrass weevil</td>
<td>12 to 50 fl.oz.</td>
</tr>
<tr>
<td>Chinch bugs (suppression only)</td>
<td>8 to 30 fl.oz.</td>
</tr>
</tbody>
</table>
### TABLE 2: TURF APPLICATION DILUTION CHART

<table>
<thead>
<tr>
<th>Application Volume (gallons per 1,000 Square Feet)</th>
<th>Turf Application Rates</th>
<th>Fluid ounces of DuPont™ ACELEPRYN® insecticide diluted to these volumes of finished spray</th>
</tr>
</thead>
<tbody>
<tr>
<td>Product per Acre</td>
<td>Product per 1,000 sq. ft.</td>
<td>1 gallon</td>
</tr>
<tr>
<td>2 fl.oz.</td>
<td>0.046 fl.oz.</td>
<td>0.028</td>
</tr>
<tr>
<td>4 fl.oz.</td>
<td>0.092 fl.oz.</td>
<td>0.052</td>
</tr>
<tr>
<td>8 fl.oz.</td>
<td>0.184 fl.oz.</td>
<td>0.104</td>
</tr>
<tr>
<td>16 fl.oz.</td>
<td>0.367 fl.oz.</td>
<td>0.208</td>
</tr>
<tr>
<td>20 fl.oz.</td>
<td>0.46 fl.oz.</td>
<td>0.26</td>
</tr>
<tr>
<td>24 fl.oz.</td>
<td>0.55 fl.oz.</td>
<td>0.310</td>
</tr>
<tr>
<td>3 fl.oz.</td>
<td>0.046 fl.oz.</td>
<td>0.029</td>
</tr>
<tr>
<td>4 fl.oz.</td>
<td>0.092 fl.oz.</td>
<td>0.052</td>
</tr>
<tr>
<td>8 fl.oz.</td>
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<td>20 fl.oz.</td>
<td>0.46 fl.oz.</td>
<td>0.26</td>
</tr>
<tr>
<td>24 fl.oz.</td>
<td>0.55 fl.oz.</td>
<td>0.310</td>
</tr>
</tbody>
</table>

* To convert from fluid ounces to milliliters, multiply by 29.57.
* 1 fluid ounce = 29.57 ml = 2 tablespoons = 6 teaspoons
* Do not use household utensils to measure ACELEPRYN® insecticides

(continued)
### TABLE 2: TURF APPLICATION DILUTION CHART (continued)

<table>
<thead>
<tr>
<th>Application Volume (Gallons per 1,000 Square Feet)</th>
<th>Turf Application Rates</th>
<th>Fluid ounces of DePost™ ACELEPRYN® Insecticide diluted to these volumes of finished spray</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Product per Acre</td>
<td>Product per 1,000 Sq. Ft</td>
</tr>
<tr>
<td>4</td>
<td>2 fl.oz.</td>
<td>0.046 fl.oz.</td>
</tr>
<tr>
<td></td>
<td>4 fl.oz.</td>
<td>0.092 fl.oz.</td>
</tr>
<tr>
<td></td>
<td>8 fl.oz.</td>
<td>0.184 fl.oz.</td>
</tr>
<tr>
<td></td>
<td>16 fl.oz.</td>
<td>0.367 fl.oz.</td>
</tr>
<tr>
<td></td>
<td>20 fl.oz.</td>
<td>0.46 fl.oz.</td>
</tr>
<tr>
<td></td>
<td>24 fl.oz.</td>
<td>0.55 fl.oz.</td>
</tr>
<tr>
<td>5</td>
<td>2 fl.oz.</td>
<td>0.046 fl.oz.</td>
</tr>
<tr>
<td></td>
<td>4 fl.oz.</td>
<td>0.092 fl.oz.</td>
</tr>
<tr>
<td></td>
<td>8 fl.oz.</td>
<td>0.184 fl.oz.</td>
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<tr>
<td></td>
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<td></td>
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<td>0.55 fl.oz.</td>
</tr>
<tr>
<td>10</td>
<td>2 fl.oz.</td>
<td>0.046 fl.oz.</td>
</tr>
<tr>
<td></td>
<td>4 fl.oz.</td>
<td>0.092 fl.oz.</td>
</tr>
<tr>
<td></td>
<td>8 fl.oz.</td>
<td>0.184 fl.oz.</td>
</tr>
<tr>
<td></td>
<td>16 fl.oz.</td>
<td>0.367 fl.oz.</td>
</tr>
<tr>
<td></td>
<td>20 fl.oz.</td>
<td>0.46 fl.oz.</td>
</tr>
<tr>
<td></td>
<td>24 fl.oz.</td>
<td>0.55 fl.oz.</td>
</tr>
</tbody>
</table>

* To convert from fluid ounces to milliters, multiply by 29.57.
* 1 fluid ounce = 29.57 ml = 2 tablespoons = 6 teaspoons
* Do not use household utensils to measure ACELEPRYN® Insecticide
**APPLICATION RATES FOR ORNAMENTAL PLANTS**  
(EXTerior LANDSCAPES AND INTERIOR PLANTScaPES)

Foliar Applications:
DuPont™ ACELEPRYN® Insecticide mixes readily with water and may be applied with many types of application equipment. Foliar treatment application rates are listed in Table 3. Mix the appropriate amount ACELEPRYN® Insecticide with the required amount of water and apply as a full coverage foliar spray to control the selected target pest. Foliar applications offer locally systemic activity against insect pests. Repeat treatment as necessary to maintain control using higher application rates as pest pressure and foliage area increases. Repeat applications must be limited to no more than once per seven days. Certain plant species or cultivars may be sensitive to the final spray solution. If local experience is not available, then a small number of plants should be treated and observed for phytotoxicity for at least one week before making an application to the entire planting. When making foliar applications to hard-to-wet foliage such as holly, pine, or ivy, the addition of a spreader/sticker is recommended. If concentrate or mist type spray equipment is used, an equivalent amount of product should be used on the area sprayed, as would be used in a dilute application. For outdoor landscape ornamentals, broadcast applications cannot exceed a total of 2.6 fluid ounces (equivalent to 0.5 lb of active ingredient) of product per acre per year.

### TABLE 3: FOLIAR ORNAMENTAL APPLICATION RATES

<table>
<thead>
<tr>
<th>ACELEPRYN® Insecticide</th>
<th>Ornamental Foliar Application Rates</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Target Pests</strong></td>
<td><strong>Product per 100 Gallons</strong></td>
</tr>
<tr>
<td>Leaf-feeding caterpillars (such as bagworms and tussock moth caterpillars) (including whitelined tussock moth)</td>
<td>1.0 fl.oz.</td>
</tr>
<tr>
<td></td>
<td>2.0 fl.oz.</td>
</tr>
<tr>
<td></td>
<td>4.0 fl.oz.</td>
</tr>
<tr>
<td></td>
<td>8.0 fl.oz.</td>
</tr>
<tr>
<td>For maximum residual control of the pests listed above</td>
<td>16.0 fl.oz.</td>
</tr>
</tbody>
</table>

Soil Applications:
ACELEPRYN® Insecticide is a systemic product and will be translocated upward into the plant from root uptake. Soil treatment application rates are listed in Table 4. To assure optimum effectiveness, the product must be placed where the growing portion of the target plant can absorb the active ingredient. For this reason, basal application within one to three feet of the root flare of trees and shrubs is recommended. Application can be made by soil injection, soil drenches and broadcast sprays. When making soil applications to plants with woody stems, systemic activity will be delayed until the active ingredient is translocated throughout the plant. In some cases, this delay could be 90 days or longer. For this reason, applications should be made prior to anticipated pest infestation to achieve optimum levels of control.
TABLE 4: ORNAMENTAL SOIL TREATMENT APPLICATION RATES

<table>
<thead>
<tr>
<th>Target Pests</th>
<th>Trees: Amount per inch of diameter (DBH)</th>
<th>Shrub: Amount per foot of height</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Product</td>
<td>AI</td>
</tr>
<tr>
<td>Lace bugs, including apple aphid</td>
<td>0.0625 fl.oz.</td>
<td>0.0008 lb</td>
</tr>
<tr>
<td>Birch leafminer</td>
<td>0.25 fl.oz.</td>
<td>0.0032 lb</td>
</tr>
</tbody>
</table>

The calculations for soil injection/drench applications of DuPont™ ACELEPRYN® insecticides involve five easy steps:

Step 1: Calibrate the application equipment to determine its flow rate in gallons per minute.

Step 2: Select an injection volume per inch of tree diameter at breast height (DBH) or foot of shrub height.

Step 3: Refer to the Table 5 below to determine the amount of time that is required to deliver the desired volume per injection site. The example highlighted in Table 5 shows that 10 seconds are required per inch of tree DBH or foot of shrub height when injecting 1 quart of solution per site using a flow rate of 1.5 gallons per minute.

Step 4: Determine how much solution to mix.

Step 5: Refer to the Table 6 below to determine the amount of ACELEPRYN® insecticide that must be mixed in the desired volume of water based on the injection volume identified above. The example highlighted in Table 6 shows that 25 fluid ounces of ACELEPRYN® insecticide must be mixed in 50 gallons of water when applying 0.125 fluid ounces of product per inch of DBH or foot of shrub height using one quart of solution per inch of tree DBH or foot of shrub height.

TABLE 5: ORNAMENTAL SOIL TREATMENT APPLICATION CALIBRATION CHART

<table>
<thead>
<tr>
<th>Volume per Site*</th>
<th>Flow Rate (Gallons per minute)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>0.5 gallons</td>
</tr>
<tr>
<td>1 pint</td>
<td>15.0 sec.</td>
</tr>
<tr>
<td>1 quart</td>
<td>30.0 sec.</td>
</tr>
<tr>
<td>2 quarts</td>
<td>1.0 min.</td>
</tr>
<tr>
<td>1 gallon</td>
<td>2.0 min.</td>
</tr>
</tbody>
</table>

* Site = Soil injection site – the selected volume is applied per inch of tree DBH or foot of shrub height.
### TABLE 6: ORNAMENTAL SOIL TREATMENT APPLICATION MIXING CHART

<table>
<thead>
<tr>
<th>Volume per Site</th>
<th>Application Rate Per Inch or Foot</th>
<th>Product per 10 Gallons</th>
<th>Product per 50 Gallons</th>
<th>Product per 25 Gallons</th>
<th>Product per 10 Gallons</th>
<th>Product per 1 Gallon</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 pint</td>
<td>0.0625 fl.oz.</td>
<td>50 fl.oz.</td>
<td>25 fl.oz.</td>
<td>12.5 fl.oz.</td>
<td>5 fl.oz.</td>
<td>0.5 fl.oz.</td>
</tr>
<tr>
<td></td>
<td>0.125 fl.oz.</td>
<td>100 fl.oz.</td>
<td>50 fl.oz.</td>
<td>25 fl.oz.</td>
<td>10 fl.oz.</td>
<td>1 fl.oz.</td>
</tr>
<tr>
<td></td>
<td>0.25 fl.oz.</td>
<td>200 fl.oz.</td>
<td>100 fl.oz.</td>
<td>50 fl.oz.</td>
<td>20 fl.oz.</td>
<td>2 fl.oz.</td>
</tr>
<tr>
<td>1 quart</td>
<td>0.0625 fl.oz.</td>
<td>25 fl.oz.</td>
<td>12.5 fl.oz.</td>
<td>6.25 fl.oz.</td>
<td>2.5 fl.oz.</td>
<td>0.25 fl.oz.</td>
</tr>
<tr>
<td></td>
<td>0.125 fl.oz.</td>
<td>50 fl.oz.</td>
<td>25 fl.oz.</td>
<td>12.5 fl.oz.</td>
<td>5 fl.oz.</td>
<td>0.5 fl.oz.</td>
</tr>
<tr>
<td></td>
<td>0.25 fl.oz.</td>
<td>100 fl.oz.</td>
<td>50 fl.oz.</td>
<td>25 fl.oz.</td>
<td>10 fl.oz.</td>
<td>1 fl.oz.</td>
</tr>
<tr>
<td>2 quarts</td>
<td>0.0625 fl.oz.</td>
<td>12.5 fl.oz.</td>
<td>6.25 fl.oz.</td>
<td>3.125 fl.oz.</td>
<td>1.25 fl.oz.</td>
<td>0.125 fl.oz.</td>
</tr>
<tr>
<td></td>
<td>0.125 fl.oz.</td>
<td>25 fl.oz.</td>
<td>12.5 fl.oz.</td>
<td>6.25 fl.oz.</td>
<td>2.5 fl.oz.</td>
<td>0.25 fl.oz.</td>
</tr>
<tr>
<td></td>
<td>0.25 fl.oz.</td>
<td>50 fl.oz.</td>
<td>25 fl.oz.</td>
<td>12.5 fl.oz.</td>
<td>5 fl.oz.</td>
<td>0.5 fl.oz.</td>
</tr>
<tr>
<td>1 gallon</td>
<td>0.0625 fl.oz.</td>
<td>6.25 fl.oz.</td>
<td>3.125 fl.oz.</td>
<td>1.56 fl.oz.</td>
<td>0.625 fl.oz.</td>
<td>0.0625 fl.oz.</td>
</tr>
<tr>
<td></td>
<td>0.125 fl.oz.</td>
<td>12.5 fl.oz.</td>
<td>6.25 fl.oz.</td>
<td>3.125 fl.oz.</td>
<td>1.25 fl.oz.</td>
<td>0.125 fl.oz.</td>
</tr>
<tr>
<td></td>
<td>0.25 fl.oz.</td>
<td>25 fl.oz.</td>
<td>12.5 fl.oz.</td>
<td>6.25 fl.oz.</td>
<td>2.5 fl.oz.</td>
<td>0.25 fl.oz.</td>
</tr>
</tbody>
</table>

* Site = Soil injection site – the selected volume is applied per inch of tree DBH or foot of shrub height.

Broadcast Applications to Flower Beds and Groundcovers: ACELEPRYTHM™ insecticide may be applied for white grub control in flower beds and groundcovers. Flower bed and groundcover application rates are listed in Table 7. Apply in sufficient water to uniformly cover the area being treated (a minimum of 2 gallons per 1,000 square feet is recommended for flower bed and groundcover applications). Irrigate immediately after application or allow rainfall to move the product into the soil. ACELEPRYTHM™ insecticide may be applied to flower beds and groundcovers either before planting or after plants have been established.

### TABLE 7: ORNAMENTAL FLOWERS AND GROUNDCOVERS SOIL TREATMENT APPLICATION RATES

<table>
<thead>
<tr>
<th>Target Pest</th>
<th>Product per Acre</th>
<th>Product per 1,000 Square Feet</th>
<th>lb AWA</th>
</tr>
</thead>
<tbody>
<tr>
<td>White Grubs (Asian garden beetle, European chafer, green June beetle, Japanese beetle, May/June beetles (Phyllophaga spp.), northern masked chafers, oriental beetle and southern masked chafers)</td>
<td>8.0 fl.oz.</td>
<td>0.184 fl.oz.</td>
<td>0.104</td>
</tr>
<tr>
<td></td>
<td>16.0 fl.oz.</td>
<td>0.367 fl.oz.</td>
<td>0.208</td>
</tr>
</tbody>
</table>
Bark Applications:
Apply DuPont™ ACELEPRYN® insecticide to the trunks and lower branches of trees and shrubs to control clearwing moth borer larvae. Bark treatment application rates are listed in Table 8. Make applications after the emergence of adult moths and before their egg hatch. Thorough coverage of the bark is required for satisfactory control. Adult emergence varies according to past species, host tree, environmental conditions and geographic location. Contact your local DuPont Professional Products representative, Cooperative Extension Service specialist or pest control advisor for regionally specific information regarding application timing.

<table>
<thead>
<tr>
<th>Target Pests</th>
<th>Product per 100 Gallons</th>
<th>lb AI per 100 Gallons</th>
<th>PPM</th>
<th>Percent AI (wt/vol)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Clearwing Borens, including peachtree borer</td>
<td>4.0 fl.oz.</td>
<td>0.052</td>
<td>62.5</td>
<td>0.0125</td>
</tr>
<tr>
<td></td>
<td>8.0 fl.oz.</td>
<td>0.104</td>
<td>125</td>
<td>0.025</td>
</tr>
<tr>
<td></td>
<td>16.0 fl.oz.</td>
<td>0.208</td>
<td>250</td>
<td>0.025</td>
</tr>
<tr>
<td>For maximum residual control of the pests listed above</td>
<td>32.0 fl.oz.</td>
<td>0.416</td>
<td>500</td>
<td>0.05</td>
</tr>
</tbody>
</table>

Formula for Determining the Active Ingredient Content of the Finished Spray Mixture:
The following formula may be used to determine the percent active ingredient (wt/wt) that is in the spray tank after mixing DuPont™ ACELEPRYN® Insecticide.

\[(\text{Gallons of finished spray mix}) \times (128) \times \text{(Percent Active Ingredient of spray mix)} = \text{(Fl. oz. of ACELEPRYN® Insecticide added to spray tank)}\]

APPLICATION EQUIPMENT PREPARATION
Application equipment must be clean and free of previous pesticide deposits before mixing DuPont™ ACELEPRYN® insecticide.
Mixing Directions:
1. Use clean, well maintained and properly calibrated application equipment.
2. Fill sprayer tank 1/4 to 1/2 full of water.
3. Shake the container of ACELEPRYN® insecticide well before pouring.
4. Then add ACELEPRYN® Insecticide directly to the sprayer tank.
5. Mix thoroughly to fully disperse the insecticide and continue agitation to keep the insecticide in suspension. Use mechanical or hydraulic agitation. Do not use air agitation.
6. It is recommended that the mixture not be stored in the spray or mix tank overnight.
Tank-mixtures:
ACELEPRYN® insecticide may be tank-mixed with other pesticides. When tank-mixing ACELEPRYN®
insecticide with other pesticides, observe all precautions and limitations on each separate product
label. Do not exceed label dosage rates. ACELEPRYN® Insecticide may not be mixed with any product
containing a label prohibition against such mixing. The physical compatibility of ACELEPRYN insectici-
d will vary with different sources of pesticide products and local cultural practices. For a tank-mix-
ture test, prepare on a small scale (pint or quart jar) using the proper proportions of pesticides and
water to ensure the physical compatibility of the mixture.

Tank-mixing Sequence:
Add different formulation types in the sequence indicated below. Allow time for complete mixing and
dispersion after the addition of each product.
1. Water soluble bags
2. Water dispersible granules
3. Wettable powders
4. ACELEPRYN insecticide and other water-based suspension concentrates
5. Water soluble concentrates
6. Oil-based suspension concentrates
7. Emulsifiable concentrates
8. Adjuvants, surfactants, oils
9. Soluble fertilizers
10. Drift retardants

APPLICATION EQUIPMENT CLEANING
Prior to application, start with clean, well-maintained application equipment. Immediately following
application, thoroughly clean all application equipment to reduce the risk of forming hardened deposits
that might become difficult to remove. Drain application equipment. Thoroughly rinse application equip-
ment and flush hoses, boom and nozzles with clean water. Clean all other associated application
equipment. Take all necessary safety precautions when cleaning equipment. Do not clean equipment
near wells, water sources or desirable vegetation. Dispose of waste rinse water in accordance with
local regulations.

INTEGRATED PEST MANAGEMENT (IPM) PROGRAMS
ACELEPRYN® insecticide is recommended for IPM programs on turf and landscape ornamentals
because it does not directly impact natural arthropod predator and parasitoid populations including
ladybird beetles, lacewings, minute pirate bugs and predatory mites. The feeding behavior of predato-
ry beneficial arthropods will aid in extending natural control of other insect and mite pests and will
reduce the possibility of secondary pest outbreaks. ACELEPRYN® insecticide will reduce the target
pest species that may serve as a food source for beneficial arthropods. If ACELEPRYN® insecticide is
tank-mixed with an insect control product that negatively impacts beneficial arthropods, then the full
benefit of ACELEPRYN® insecticide to the IPM program may not be realized.
RESISTANCE MANAGEMENT

Some insects are known to develop resistance to products used repeatedly for control. When this occurs, the labeled dosages fail to suppress the pest population below threshold levels. Because the development of resistance cannot be predicted, the use of this product should conform to resistance management strategies established for the use area. These strategies may include incorporation of cultural and biological control practices, alternation of active classes of insecticides on succeeding generations and targeting the most susceptible life stage. Consult your local DuPont Professional Products representative, Cooperative Extension Service specialist or pest control advisor for the latest information on resistance management in your area.

RESTRICTIONS:
- Do not formulate this product into other end-use products without written permission from DuPont Professional Products.
- Do not apply this product through any type of irrigation system.
- Do not apply this product with aerial application equipment.
- Do not apply this product in commercial nurseries and greenhouses.
- Do not apply more than 0.5 fluid ounces (equivalent to 0.5 lb of active ingredient) of product per acre per year in broadcast applications to turfgrass.
- Keep people and pets away from treated area until treatment has dried.
- Wait a minimum of 7 days to reseed.
- Always shake container well before use.
- The following restrictions are required to permit use of ACELEP®/YN® insecticide in the State of New York:
  - Golf courses:
    - Greens, tee boxes: Do not apply this product within 25 feet of a water body (lake, pond, river, stream, wetland, or drainage ditch).
    - Fairways: Do not apply this product within 50 feet of a water body (lake, pond, river, stream, wetland, or drainage ditch).
  - All other use sites:
    - Do not apply this product within 100 feet of a water body (lake, pond, river, stream, wetland, or drainage ditch).
STORAGE AND DISPOSAL

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

PESTICIDE STORAGE: Do not subject to temperatures below 32 degrees F. Store product in original container only in a location inaccessible to children and pets. Do not contaminate water, other pesticides, fertilizers, food or feed in storage. Not for use or storage in or around the home.

PESTICIDE DISPOSAL: Do not contaminate water, food or feed by storage or disposal. Wastes resulting from the use of this product must be disposed of on site or at an approved waste disposal facility.

CONTAINER HANDLING: Refer to the Net Contents section of this product's labeling for the applicable "Refillable Container" or "Nonrefillable Container" designation.

For Small (Capacity Equal to or Less Than 9 Gallons) Nonrefillable Plastic Containers:

Nonrefillable 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 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 a mix tank or store rinsate for later use or 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, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

For Large (Capacity Greater Than 9 Gallons) Nonrefillable Plastic Containers: Nonrefillable 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. Fill the container 1/4 full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. 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, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

For All Refillable Containers: Refillable container. Refill this container with DuPont's insecticides only. Do not reuse this container for any other purpose. Cleaning the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the refiller. To clean the container before final disposal, empty the remaining contents from this container into application equipment or mix tank. Fill the container about 10 percent full with water. Agitate vigorously or recirculate water with the pump for 2 minutes. Pour or pump rinsate into application equipment or rinse collection system. Repeat this rinsing procedure two more times. Prior to refilling, inspect carefully for damage such as cracks, punctures, abrasions, worn out threads and closure devices. Check for leaks after refilling and before transporting. Do not transport if this container is damaged or leaking. If the container is damaged, leaking or obsolete, or in the event of a major spill, fire or other emergency, contact DuPont at 1-800-441-3637, day or night.
NOTICE TO BUYER—Purchase of this material does not convey any rights under patents of countries outside of the United States. The DuPont Oval Logo, DuPont™ and AGELESPIFY™ are trademarks or registered trademarks of E.I. duPont de Nemours and Company.

LIMITATION OF WARRANTY AND LIABILITY

NOTICE: Read this 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.

It is impossible to eliminate all risks associated with the use of this product. Such risks arise from weather conditions, soil factors, off-target movement, unconventional farming techniques, presence of other materials, the manner of use or application, or other unknown factors, all of which are beyond the control of DuPont. These risks can cause: ineffectiveness of the product, crop injury, or injury to non-target crops or plants. WHEN YOU BUY OR USE THIS PRODUCT, YOU AGREE TO ACCEPT THESE RISKS.

DuPont warrants that this product conforms to the chemical description on the label thereof and is reasonably fit for the purpose stated in the Directions for Use, subject to the inherent risks described above, when used in accordance with the Directions for Use under normal conditions.

To the extent consistent with applicable law, DuPont makes no other express or implied warranty of fitness or of merchantability or any other express or implied warranty. To the extent consistent with applicable law, in no event shall DuPont or Seller be liable for any incidental, consequential or special damages resulting from the use or handling of this product, buyers or users bargained-for expectation is crop protection. To the extent consistent with applicable law, the exclusive remedy of the user or buyer and the exclusive liability of DuPont or Seller, for any and all claims, losses, injuries or damages (including claims based on breach of warranty or contract, negligence, tort or strict liability), whether from failure to perform or injury to crops or other plants, and 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 DuPont or Seller, the replacement of the product.

To the extent consistent with applicable law that allows such requirement, DuPont or its Distributor must have prompt notice of any claim so that an immediate inspection of buyer's or users growing crops can be made. Buyer and all users shall promptly notify DuPont or a DuPont Distributor of any claims, whether based on contract, negligence, strict liability, other tort or otherwise, or be barred from any remedy.

This Limitation of Warranty and Liability may not be amended by any oral or written agreement.

For product information call: 1-888-6-DUPONT (1-888-638-7668)
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KEEP OUT OF REACH OF CHILDREN

If used as directed this product does not present a hazard to humans or domestic animals.

FIRST AID
For questions regarding emergency medical treatment, you may contact 1-800-441-3367 for information.

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS
AND DOMESTIC ANIMALS
When used as directed this product does not present a hazard to humans or domestic animals.

PERSONAL PROTECTIVE EQUIPMENT
Applicators and other handlers must wear:
- Long-sleeved shirts and long pants.
- Gloves that have been cleaned in accordance with label directions for use, shifts, pants, socks, and shoes are the most effective.
- Protective Equipment (PPE). Follow manufacturer's instructions for selecting and maintaining PPE. If no such instructions are available, use standard work gloves and long-sleeved shirts and pants and wear PPE according to your local industry.

USER SAFETY RECOMMENDATIONS
- Wash hands before eating, drinking, smoking, using tobacco or using the toilet. Remove clothing immediately. Store pesticides out of children's reach. Wash thoroughly and put on clean clothing.

ENVIRONMENTAL HAZARDS
The pesticide is toxic to aquatic invertebrates, fish, and birds. Do not apply directly to water. Do not spray drift onto non-target locations. Do not apply to ponds, creeks, rivers, or streams.

Agricultural Use Requirements
This product must be applied in accordance with the Mosquito Control Program Standards, 40 CFR part 173. Refer to the Agriculture and Natural Resources (Agriculture) for further information about this standard.

Notice to Buyer: Purchase of this material does not confer any rights under patents of countries outside the United States.

E. I. du Pont de Nemours and Company, 1007 Market Street, Wilmington, DE 19898 U.S.A.
Made In U.S.A.