22-0-7 Fertilizer with ACELEPRYN® Insecticide

For systemic control of white grubs and other listed pests infesting landscape and recreational turfgrass, golf courses, landscape ornamentals, interior plantscapes and sod farms.

Not for sale, sale into, distribution and/or sale in Nassau, Suffolk, Kings, Queens Counties of New York State.

**Active Ingredient**

<table>
<thead>
<tr>
<th>Chlorantraniliprole</th>
<th>By Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>3-Chloro-N,N-dichloro-2-methyl-6-[(methy lamino)carbon y]phenyl-1-[(3-chloro-2-pyridyl)-1 H-pyrazole-5-carboxamide</td>
<td>99.999%</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Inert Ingredients</th>
<th>Total</th>
<th>100.000%</th>
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<tbody>
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</tbody>
</table>

EPA Reg. No. 9198-247
EPA Est. No. 9198-OH-1M, 9198-OH-2B, 9198-AL-01A

Undertaken letter is first letter used in run out code on bag

Chlorantraniliprole belongs to the anthranilamide chemical class.

Guaranteed Analysis

- Total Nitrogen (N) 22.00%
- 22.00% Urea Nitrogen
- Soluble Potash (K2O) 7.00%
- Sulfur (S) 1.00%
- Fino Sulfur (S) 1.00%

Plant nutrients derived from urea, potassium chloride and polymer coated sulfur coated areas.

Chlorine (Cl) Max. 5.00%

*11.00 Slowly available urea nitrogen from polymer coated sulfur coated areas

F292

Information regarding the contents and levels of metals in this product is available on the Internet at http://www.regulatory-info.org

Florida Applications: We recommend that you follow the Florida Green Industries BMPs at: http://www.fiae.org/pdf/BMP_Book_final.pdf

We recommend that you follow the Florida Golf Course BMPs at: http://www.fiae.org/golf/gbmp07.pdf

KEEP OUT OF REACH OF CHILDREN

**CAUTION**

Si usted no entienda la etiqueta, busque a alguien para que le explique el uso en detalle.

(If you do not understand the label, find someone to explain it to you in detail.)

**FIRST AID**

If in eyes: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after first 5 minutes then continue rinsing eye. Call a poison control center or doctor for treatment advice.

If on skin: Wash skin with soap and water after handling and before eating, drinking, chewing gum or using tobacco.

If swallowed: Do not induce vomiting. Call a poison control center or doctor for treatment advice.

**PRECAUTIONARY STATEMENTS**

**HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

Caution: Causes moderate eye irritation. Avoid contact with eyes or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum or using tobacco.

**PERSONAL PROTECTIVE EQUIPMENT**

Applicants and other handlers must wear: Long-sleeved shirt and long pants. Shoes plus socks.

After the product has been loaded into properly calibrated application equipment, shirt, pants, socks, and these are sufficient Personal Protective Equipment. Follow manufacturer’s instructions for cleaning/maintaining personal protective equipment (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**

**USES SHOULD:** Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.

**USES SHOULD NOT:** Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.

**ENVIRONMENTAL HAZARDS**

This product is toxic to aquatic invertebrates, ostracods and shrimp. Do not apply directly to water. Drift and runoff may be hazardous to aquatic organisms in water adjacent to use sites.

**Surfaces Water Advisory**

This product may impact surface water quality due to runoff of rainwater. This is especially true for poorly draining soils and soils with shallow ground water. This product is classified as having a high potential for reaching surface water via runoff for several months or more after application. A local, well-maintained vegetative buffer strip between areas to which this product is applied and surface water features such as ponds, streams, and springs will reduce the potential of leaching chlorantraniliprole from runoff water and sediment. Runoff of this product will be reduced by avoiding situations 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**

If it is a violation of Federal law to use this product in a manner inconsistent with its labeling. Read and understand the entire label before using this product.

This product must be used only in accordance with specifications on this label. The applicator 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 labels or bulletins published by The Andersons. User assumes all risks associated with such non-specified use.

**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, documentation, use, application, 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 easy 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
- Shoe plus socks

**NON-AGRICULTURAL USE REQUIREMENTS**

This product is not applicable to uses 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 and commercial lawn and sports fields are not within the scope of the Worker Protection Standard.

Do not allow other workers to enter the treated area while application is in progress.

**PRODUCT INFORMATION**

This product may be applied for the control of white grubs and other listed pests infesting landscape and recreational turfgrass, golf courses, landscape ornamentals and interior plantscapes.

This product may be used on plants or turfgrasses that are being grown for aesthetic or ornamental purposes or for cultivation or for use around homes, gardens, commercial lands, industrial facilities, residential developments, public and private parks, cropland, nurseries, greenhouses, business and office complexes, shopping complexes, multi-family residential complexes, institutional buildings, sports, recreational facilities, community gardens, parks, wildlife plantings, playgrounds, schools, day-care facilities, golf courses (see box areas, roughs, fairways, greens, collars etc.), athletic fields, sod farms and other landscaped areas.

This product must not be applied when the soil is saturated with water because adequate distribution of the active ingredient vertically in the soil profile cannot be achieved under this condition.

This product is in Group 28 of the EPA's Insecticide and Acaricide Groups Based on Target Site of Action (EPA RR Notice 2001-5) and may be used in rotational resistance management programs.

Due to past activity differences, consult your local cooperative extension service for guidance. To find your local extension agent, visit www.cerere.edu.gov.

**APPLICATION EQUIPMENT**

Apply this product using drop-type, rotary-type or hand-held application equipment. The application equipment must be properly calibrated according to the manufacturer’s instructions to ensure uniform coverage over the treated area. During application, the equipment must be checked periodically to confirm that it is working properly and that the granules are being uniformly distributed.

**APPLICATION TIMING**

White Grubs: Apply this product from early April to early September for preventative and early curative control of all the major white grubs species infesting turfgrass. The need for an application may be based on historical monitoring of the site, previous records or observations, 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 insecticidal granules 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 this product in late April or early May when overwintered adult annual bluegrass weevils are observed, to prevent damage from first generation larvae in late May and June. An application of this product at this time will also provide white grub control. The higher rates listed in Table 1 may be required for applications made after mid May.

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

European Crane Fly: Apply this product 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.

Tuft Caterpillars: This product will provide curative caterpillar control in turfgrass. 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.

Chinch Bugs: For suppression of chinch bugs, apply this product before egg hatch.

**APPLICATION RATES FOR LAWN, GOLF COURSES AND OTHER RECREATIONAL TURFGRASS AREAS**

Table 1 provides the application rates that will control the listed turfgrass pests. For maximum residual effectiveness or for optimal control of large pest populations, apply this product at up to 500 pounds per acre (4.22 kg/ha) of product or apply any of the rates listed in Table 1 at a stated rate. Reversion: Do not apply more than 75 pounds (equivalent to 0.5 lb of active ingredient) of product per acre per year in broadcast applications to turfgrasses.
TABLE 1: TURFGRASS APPLICATION RATES

| Target Pest | Product per Acre | Product per 1,000 Square Feet | lb/A |%
<table>
<thead>
<tr>
<th></th>
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<th></th>
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</tr>
</thead>
<tbody>
<tr>
<td>White Grubs (including Agrodia spp., Aelian grub beetles, black turfgrass scarabaeus, European chafer, green June beetle, Japanese beetle, MgJunes, black turfs, Pythophaga spp., northern masked chafer, oriental beetle and southern masked chafer)</td>
<td>150 – 300 pounds</td>
<td>3.44 to 6.88 pounds</td>
<td>0.1 to 0.2</td>
<td>0.433</td>
</tr>
<tr>
<td>Billbugs</td>
<td>European Crane Fly</td>
<td>Turk's capillars (including armyworms, cutworms and sod webworms)</td>
<td>225 to 300 pounds</td>
<td>5.17 to 6.88 pounds</td>
</tr>
<tr>
<td>Animal grazers (weevil)</td>
<td>150 to 300 pounds</td>
<td>3.44 to 6.88 pounds</td>
<td>0.1 to 0.2</td>
<td>0.433</td>
</tr>
</tbody>
</table>

APPLICATION RATES FOR ORNAMENTAL PLANTS

Table 2 provides the application rates that will control the pests of landscape ornamentals and interior plantscapes. Black plastic or other weed barrier materials that are impermeable to water should be removed before application. For maximum residue effectiveness or for optimal control of large pest populations, this product may be applied at up to 150 pounds per acre (0.33 lb/A) to control any of the pests listed in Table 2.

TABLE 2: ORNAMENTAL TREE AND SHRUB (INCLUDING EVERGREENS), FLOWER, FOLIAGE PLANT, AND GROUND COVER APPLICATION RATES

| Target Pest | Product per Acre | Product per 1,000 Square Feet | lb/A |%
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>White Grubs (Aelian garden beetle, European chafer, green June beetle, Japanese beetle, MgJunes, black turfs, Pythophaga spp., northern masked chafer, oriental beetle and southern masked chafer)</td>
<td>150-300 pounds</td>
<td>3.44 to 6.88 pounds</td>
<td>0.1 to 0.2</td>
<td>0.433</td>
</tr>
</tbody>
</table>

RESISTANCE MANAGEMENT

Some insects are known to develop resistance to products used repeatedly for control. When this occurs, the recommended 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, attenuation of active site of insecticides on succeeding generations and targeting the most susceptible life stages. Consult your local Cooperative Extension Service specialist or pest control adviser for the latest information on resistance management in your area.

RESTRICTIONS

- Not for sale on plants being grown for sale or other commercial use, or for commercial seed production.
- Do not formulate this product into other end-use products without written permission from DuPont Professional Products.
- Do not apply this product in commercial nurseries and greenhouses.
- Do not apply more than 750 pounds (equivalent to 0.5 lb of active ingredient) of product per acre per year in broadcast applications to turfgrass.
- Do not apply more than 300 pounds (equivalent to 0.2 lb of active ingredient) of product per acre in a single application on sod forms.
- Wait a minimum of 7 days to retreat.
- Do not apply at or above 0.975 lb./acre.
- The following restrictions are required to permit use of this product in the State of New York.
- Golf Courses: Do not apply this product within 25 feet of a water body or channel, or drainage ditch.
- Fairways: Do not apply this product within 50 feet of a water body, stream, or drainage ditch.
- All other use sites: Do not apply this product within 100 feet of a water body, stream, or drainage ditch.

Suggested Spreader Settings

These suggested spreader settings are not intended to replace calibration.

<table>
<thead>
<tr>
<th>SPREADER SETTINGS</th>
<th>SPREADER</th>
<th>GROUND</th>
<th>WIDTH</th>
<th>LOW RATE</th>
<th>MEDIUM RATE</th>
<th>HIGH RATE</th>
<th>HEAVY RATE</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Antemone Metol 2000 (AcuPro 2000 cone 4)</td>
<td>3 mph</td>
<td>10 feet</td>
<td>L 1/6</td>
<td>N 1/2</td>
<td>P 1/4</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Scotts 0-8 (cone 4)</td>
<td>3 mph</td>
<td>10 feet</td>
<td>K 1/4</td>
<td>M 1/2</td>
<td>O 1/2</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Lecco 6000 (pattern 0.25)</td>
<td>3 mph</td>
<td>8 feet</td>
<td>E 1/2</td>
<td>F 1/2</td>
<td>H 1/2</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Lecco 70058 (pattern 0.25)</td>
<td>3 mph</td>
<td>8 feet</td>
<td>13</td>
<td>15</td>
<td>18</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Lely 6000WTR, WTR, HR, DCO (PFO at 450 rpm) Pattern 0-5</td>
<td>4.5 mph</td>
<td>38 feet</td>
<td>5 3/4</td>
<td>7</td>
<td>7 3/4</td>
<td>8 3/4</td>
</tr>
<tr>
<td></td>
<td>Vicon (03 Series)</td>
<td>4.5 mph</td>
<td>28 feet</td>
<td>27</td>
<td>35</td>
<td>40</td>
<td>54</td>
</tr>
</tbody>
</table>

These spreader settings were established using standard equipment available from the spreader manufacturer at normal widths and speeds typically used in the industry. Calibrate all spreader equipment at the time of application to achieve labeled application rate.

STORAGE AND DISPOSAL

- Do not contaminate water, food, or feed by storage or disposal.
- PESTICIDE STORAGE: Store product in original container only in a location inaccessible to children and pets. Do not contaminate water, other pesticides, fertilizers, or food or feed in storage.
- PESTICIDE DISPOSAL: Do not contaminate water, feed or food 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 DISPOSAL: Nonrefillable container. Do not reuse or refill this container. Offer for recycling, if available. Completely empty bag into application equipment. Then dispose of empty bag in a sanitary landfill or by incineration, if allowed by state and local authorities, by burning, incineration, or by any other means permitted by state and local authorities.

IMPORTANT: READ BEFORE USE

Read the entire Directions for Use and the Warranty Disclaimer and Limitation of Liability before using this product. If terms are not acceptable, return the unopened product container at once. By using this product, user or buyer accepts the following Warranty Disclaimer and Limitation of Liability.

WARRANTY DISCLAIMER AND LIMITATION OF LIABILITY:

Manufacturer warrants that this product conforms to the chemical description on the label thereof and is reasonably fit for the purpose stated on the label when used in strict accordance with the directions. To the extent consistent with applicable law, manufacturer makes no other express or implied warranty of merchantability or fitness for a particular purpose. To the extent consistent with applicable law, it is manufacturer's intent to LIMIT ANY LIABILITY FOR SPECIAL, CONSEQUENTIAL OR INCIDENTAL ECONOMIC DAMAGES to refund of purchase price or replacement of product, at buyer's choice. To the extent consistent with applicable law, manufacturer DISCLAIMS ANY LIABILITY FOR COMPENSATORY OR OTHER DAMAGES ARISING OUT OF ANY USE CONTRARY TO LABEL DIRECTIONS. Use contrary to label directions is not permitted.

LEGAL RIGHTS:

THIS LIMITED WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS; YOU MAY HAVE OTHER RIGHTS THAT VARY FROM STATE TO STATE/JURISDICTION TO STATE/JURISDICTION.

Product of USA

Manufactured by: The Andereas Law Forklift Division, Inc.
PO Box 119
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www.andereasinpro.com

Akinzyn is a registered trademark of Syngenta Group Company

SGN 215
Net Wt. 50 Lbs. (22.68 kg)

ASP221AC51
F14* (ASPBKPRBDEB)