GROUP **28** INSECTICIDE

13-0-3 Fertilizer with Dimension® & ACELEPRYN®

Intended for Use by Commercial Applicators Only

For systemic control of white grubs, listed weeds and other pests infesting landscape and recreational turfgrass, golf courses.

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

Active Ingredient

Chlorantraniliprole* 3-Bromo-N-[4-chloro-2-methyl-6-[(methylamino)carbonyl]phenyl]-1-(3-chloro-2-pyridinyl)-1H-pyrazole-5-carboxamide	0.067%
Dithiopyr, 3,5-pyridinedicarbothioic acid, 2-(difluoromethyl)-4-(2-methylpropyl)-6-(trifluoromethyl)-S,S-dimethyl ester	0.167%
Other Ingredients	99.766%
TOTAL	100.000%

*Chlorantraniliprole belongs to the anthranilic diamide chemical class.

EPA Reg. No. 9198-254
EPA Est. No. 9198-OH-1M, 9198-OH-2B, 9198-AL-001A
Underlined letter is first letter used in run code on bag

Guaranteed Analysis

Total Nitrogen (N)	13.00%
13.00% Urea Nitrogen*	
Soluble Potash (K_2O)	3.00%
Sulfur (S)	1.00%
1.00% Combined Sulfur (S)	

Derived from urea and potassium sulfate.

*13.00% urea nitrogen stabilized with N-[n-butyl] thiophosphoric triamide and dicyandiamide

F002091

Florida Applications:
We recommend that you follow the Florida Green Industries BMP's at:
http://www.flrules.org/Gateway/reference.asp?No=Ref-04706
We recommend that you follow the Florida Golf Course BMP's at:
http://www.flrules.org/Gateway/reference.asp?No=Ref-04702

KEEP OUT OF REACH OF CHILDREN
CAUTION

Si usted no entiende la etiquete, 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
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.

Have the container or label with you when calling a poison center or doctor, or going for treatment. You may also contact **1-800-757-8951** for emergency medical treatment information.

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
Applicators 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 shoes 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
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 product is toxic to fish and highly toxic to other aquatic organisms including oysters and shrimp. Use with care when applying to turf areas adjacent to any body of water. Do not apply directly to water. Do not apply where/when conditions favor runoff. Runoff from treated turf may adversely affect aquatic organisms in water adjacent to use sites. Do not contaminate water when disposing of equipment washwaters or rinsate.

Surface Water Advisory: This product may contaminate water through runoff. This product has a high potential for runoff for several months or more after application. Poorly draining soils and soils with shallow water table are more prone to produce runoff that contains this product. A level, 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 for contamination of water from 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 use of this chemical in areas where soils are permeable, particularly where the water table is shallow, may result in ground-water contamination.

DIRECTIONS FOR USE
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.

NON-AGRICULTURAL USE REQUIREMENTS
The requirements in this box apply 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, industrial and commercial lawns 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 is a combination of 0.067% Acelepryn Insecticide and 0.167% Dimension Herbicide which may be applied for the control of white grubs, listed weeds and other listed pests infesting landscape and recreational turfgrass, golf courses, landscape ornamentals.

This product may be used on established turfgrasses that are being grown for aesthetic or recreational purposes or climatic modification in or around home lawns, commercial lawns, industrial facilities, residential dwellings, business and office complexes, shopping complexes, multi-family residential complexes, institutional buildings, airports, cemeteries, parks, playgrounds, schools, day-care facilities, golf courses (tee box areas, roughs, fairways, collars etc.), athletic fields, and other landscaped areas.

This product 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.

Due to pest activity differences, consult your local cooperative extension service for guidance. To find your local extension agent, visit www.csrees.usda.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 directions 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 of the major white grub species infesting turfgrass. Early applications are preferred, especially April timing. 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 this product in late April or early May, when over wintered 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 will usually occur 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 or 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.

Turf 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 eggs hatch.

Spittlebugs: This product will provide control of 2-lined spittlebug when applications are made in Spring or Summer.

CONTROL OF CRABGRASS Preemergence and Early Postemergence Control
This product provides "preemergence" control of crabgrass (including the large, smooth, and southern species) when applied prior to the emergence of crabgrass from the ground in established lawns and ornamental turfs.
It can also provide "early postemergence" control of crabgrass during the early stages of crabgrass growth after the crabgrass has emerged from the ground. However, it is often difficult to see the very small, early stages of crabgrass in well-established lawns and ornamental turfs. Postemergence crabgrass control will be obtained only when this product is applied prior to the tillering of crabgrass, which generally corresponds to the time when you can first easily see the crabgrass plants in the lawn or turf. So the practical benefit of this product's additional, early postemergence activity is that (compared to strictly preemergence crabgrass products) it can give the user a 2-4 week longer period of time to make applications and still control crabgrass.

APPLICATION RATES FOR LAWNS, 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 infestations, apply this product at up to 300 pounds per acre (0.2 lb AI Acelepryn/A) to control any of the pests listed in Table 1. Restriction: Do not apply more than 299 pounds of product/acre per application. Do not apply more than 449 pounds (equivalent to 0.3 lb of active ingredient Acelepryn and 0.75 lb Dimension) of product per acre per year in broadcast applications to turfgrass.

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 must only be applied to lawns and ornamental turfs that are composed of the following turfgrass species that have been determined to be tolerant to applications of this product. When applied as directed under the conditions described, the following established turfgrasses are tolerant to this product:

Cool-Season Grasses
Bentgrass, creeping* *(Agrostis palustris)*
Bluegrass, Kentucky *(Poa pratensis)*
Fescue, fine** *(Festuca rubra)*
Fescue, tall *(Festuca arundinacea)*
Ryegrass, perennial *(Lolium perenne)*

Warm-Season Grasses
Bahiagrass *(Paspalum notatum)*
Bermudagrass *(Cynodon dactylon)*
Buffalograss*** *(Buchloe dactyloides)*
Carpetgrass *(Axonopus affinis)*
Centipedegrass *(Eremochloa ophiuroides)*
Kikuyugrass *(Pennisetum clandestinum)*
St. Augustinegrass *(Stenotaphrum secundatum)*
Zoysiagrass *(Zoysia japonica)*

*Use of this product on certain varieties of creeping bentgrass, such as 'Cohansey', 'Carmen', 'Seaside', and 'Washington' may result in undesirable turfgrass injury. Not all varieties of creeping bentgrass have been tested. DO NOT apply this product to Colonial Bentgrass (Agrostis tenuis) varieties.

**Use of this product on certain varieties of fine fescue may result in undesirable turf injury. The following fine fescue varieties have been found to be sensitive to this product: 'Atlanta', 'Banner', 'Beauty', 'Bilgart', 'CF-2', 'Enjoy', 'HF-93', 'Highlight', 'Ivalo', 'Jamestown', 'Koket', 'Majenta', 'Mary', 'Pennlawn', 'Tamara', 'Tatjana', 'Waldorf' and 'Waldina'. Not all varieties of fine fescue have been tested.

***DO NOT use this product on seedling buffalograss in the spring of the first year of establishment until the turfgrass is fully green and has established new roots.

NOTE: It is recommended that use of this product be made on a trial basis initially to determine its safety under local use conditions and turf management practices before making widespread use.

RESEEDING, OVERSEEDING, OR SPRIGGING
Reseeding, overseeding, or sprigging of treated areas within 4 months after application of this product may inhibit the establishment of desirable turfgrasses. When reseeding or overseeding, proper cultural practices such as soil cultivation, irrigation and fertilization must be followed. For best results, use mechanical or power seeding equipment (slit seeders) designed to give good seed to soil contact.

TABLE 1: TURFGRASS APPLICATION RATES

Target Pest	Product per Acre	Product per 1,000 Sq Ft	lb AI/A
White Grubs (including *Aphodius* spp., Asiatic garden beetle, black turfgrass ataenius, European chafer, green June beetle, Japanese beetle, May/June beetles, (*Phyllophaga* spp.), northern masked chafer, oriental beetle and southern masked chafer) Billbugs European Crane Fly Turf caterpillars (including armyworms, cutworms and sod webworms)	150 to 300 pounds	3.44 to 6.88 pounds	0.1 to 0.2 Acelepryn
Annual bluegrass weevil, Spittlebug	225 to 300 pounds	5.17 to 6.88 pounds	0.15 to 0.2 Acelepryn
Chinch bugs (suppression only)	150 to 225 pounds	3.44 to 5.2	0.1 to 0.15 Acelepryn
Barnyardgrass, bluegrass (annual, roughstalk), crowfootgrass, foxtail (yellow & green)*, kikuyugrass, ryegrass (annual & perennial), smutgrass, lespedeza (common), oxalis (buttercup, creeping & yellow woodsorrel), purslane (common), speedwell (corn), spurge (prostrate & spotted), goosegrass	150 – 300 pounds	3.44 to 6.88	0.25 to 0.50 Dimension

Note: For 3-4 months weed control use 150 pounds/acre of this product.
For early postemergence control of crabgrass, use 150 to 299 pounds of this product/acre. Use the higher rate in areas of high weed pressure.
In the State of New York: Do not exceed 0.5 pounds of Dimension active ingredient/A (299 pounds product/A) per year.

INTEGRATED PEST MANAGEMENT (IPM) PROGRAMS
This product is recommended for IPM programs on turf 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 beneficial arthropods will aid in extending natural control of other insect and mite pests and will reduce the possibility of secondary pest outbreaks. This product will reduce the target pest species that may serve as a food source for beneficial arthropods.

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, alternation of active classes of insecticides on succeeding generations and targeting the most susceptible life stage. Consult your local Cooperative Extension Service specialist or pest control advisor for the latest information on resistance management in your area.

USE PRECAUTIONS & RESTRICTIONS
- Not for use on plants being grown for sale or other commercial use, or for commercial seed production.
- Do not apply this product in commercial nurseries or greenhouses.
- Do not apply to golf course putting greens.
- Do not apply more than 499 pounds (equivalent to 0.3 lb of Acelepryn active ingredient and 0.75 lbs of Dimension active ingredient) of product per acre per year in broadcast applications to turfgrass.
- Wait a minimum of 30 days to retreat.
- Do not apply by air.
- Keep people and pets off treated areas until dust has settled.
- Do not use turf clipping for mulching around trees and/or fruit trees.
- Do not formulate this product into other end-use products.
- The following restrictions are required to permit use of this product 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)

- All use sites: Do not exceed 299 lb product/A per year (0.5 lb Dimension/A per year)

Spreader Settings
These spreader settings are not intended to replace calibration.
Please calibrate your spreader before applying product.
50 lbs. treats 14,500 sq. ft. (0.33 acre) at the 150 lbs. product/acre - LOW RATE (3.44 lbs/1,000 sq. ft. rate)
50 lbs. treats 9,600 sq. ft. (0.22 acre) at the 225 lbs. product/acre - MEDIUM RATE (5.17 lbs/1,000 sq. ft. rate)
50 lbs. treats 7,200 sq. ft. (0.17 acre) at the 300 lbs. product/acre - HIGH RATE (6.88 lbs/1,000 sq. ft. rate)

SPREADER	GROUND SPEED	WIDTH OF COVERAGE	SPREADER SETTINGS: LOW RATE 0.10 lbs ai/A Acelepryn 0.25 lbs ai/A Dimension	MEDIUM RATE 0.15 lbs ai/A Acelepryn 0.375 lbs ai/A Dimension	HIGH RATE 0.20 lbs ai/A Acelepryn 0.50 lbs ai/A Dimension
Andersons 2000 series (cone 4); Andersons LCO 1000	3 mph	10 feet	M	O 1/2	Q
Scotts R-8A (cone 4)	3 mph	10 feet	K 1/2	N	O 1/2
Lesco 020093 (pattern 0.25)	3 mph	7 feet	E 1/2	F 1/2	G 1/2
Lesco 705698 (pattern 0.25)	3 mph	7 feet	12 1/2	15	16 1/2
Lely Models WTR, WFR, HR, 1250 (PTO at 450 rpm) Pattern III-C	4.5 mph	32 feet	5 3/4	6 3/4	8
Vicon (03 Series)	4.5 mph	24 feet	29	36	42

These spreader settings were established using standard equipment available from the spreader manufacturer at swath widths and speeds typically used within 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, fertilizer, food or feed in storage.
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 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, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

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/JURISDICTION TO STATE/JURISDICTION.

Product of USA

Manufactured by:
The Andersons, Inc.
PO Box 119
Maumee, OH 43537
AndersonsPro.com

Dimension is a registered trademark of Corteva Agriscience; Acelepryn is a registered trademark of a Syngenta Group Company.

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

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