



- | | |
|--|--------|
| ACTIVE INGREDIENT: | |
| Imidacloprid, 1-[(6-Chloro-3-pyridinyl)methyl]-N-nitro-2-imidazolidinimine | 0.2% |
| OTHER INGREDIENTS: | |
| | 99.8% |
| | 100.0% |

PRECAUCION AL USUARIO: Si usted no puede leer o entender inglés, no use este producto hasta que la etiqueta le haya sido explicada ampliamente.
TO THE USER: If you cannot read or understand English, do not use this product until the label has been fully explained to you.)

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



**with 0.2% MERIT® Insecticide
and Fortify®-N**



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 requirement 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 from pesticides who handle agricultural pesticides, and includes training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements regarding restricted entry. This label includes a summary of the Worker Protection Standard (WPS) requirements for agricultural pesticides. 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.

PPE required for worker 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, is:

- Coveralls
- Shoes plus socks
- Chemical-resistant gloves made of any waterproof material
- Shoes plus socks

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. Keep children and pets off treated area until dry.

APPLICATION TO TURFGRASS
 The use of this product will provide plant nutrients as well as providing control of selected insect pests. This product can be used for the control of soil inhabiting pests of turfgrass; for example northern and southern masked chiggers, *Cybele*, *Cybele* borealis, *C. immaculata*, and *C. lurida*; Asiatic garden beetle, *Meloidae* castaneae; European chafers, *Rhinotritus* majus; Green June beetle, *Cotinus nitida*; or June beetles, *Phyllophaga* spp.; Japanese beetle, *Papilio japonica*; Oriental beetle, *Aromia* orientalis; Euwehthia humilis rugosus; sugarcane beetle, *Euwehthia humilis rugosus*; billbugs, *Procequa* spp.; and *Procequa* spp.; *Litorina* maculosa; Black Turfgrass stem borer, *Agrotis* spp.; *Agrotis* spp.; *Agrotis* spp.; *Agrotis* spp.; *Agrotis* spp.; and mole crickets, *Scaphiophaga* spp. Use this product as directed on turfgrass including home lawns, school grounds, nursing homes and hospitals, city, county, state, municipal and federal grounds, business and office complexes, shopping complexes, multi-family residential complexes, golf courses, airports, churches, cemeteries, parks, playgrounds, athletic fields and sod farms.

The active ingredient in this product 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 pest, followed by sufficient irrigation or rainfall to move the active ingredient through the thatch.

Adequate distribution of the active ingredient cannot be achieved when these conditions exist. The treated turf must be in such a condition that the rain or irrigation will penetrate vertically into the soil profile.

APPLICATION TO ORNAMENTALS

This product can be used as a broadcast application on ornamentals in commercial and residential landscapes, as well as on landscaped areas of golf courses and other recreational areas. This is a systemic product, with the active ingredient being absorbed by the roots and translocated upward within the plant. Optimum control will be achieved when applications are followed by sufficient mechanical incorporation, irrigation or rainfall to place the active ingredient into the soil. Make application prior to anticipated pest infestation to achieve optimum levels of control.

Applications of this product cannot exceed a total of 200 lbs. (0.4 lb. of active ingredient) per acre per year.

RESTRICTIONS: Not for use in commercial greenhouses, or nurseries

APPLICATION EQUIPMENT

Apply this product uniformly over the area being treated with typical granular application equipment. Both drop-type and rotary-type spreaders may be used to apply this product. Avoid the use of spreaders which would apply the material in narrow, concentrated bands. Calibrate application equipment prior to use according to the manufacturer's directions. Check frequently to be sure equipment is working properly and distributing granules uniformly and accurately.

APPLICATION RATES			
CROP		PEST	21-4-0 FERTILIZER WITH 0.2% MERIT INSECTICIDE AND FORTIFY-N
Turf Grasses	Annual bluegrass weevil	Green June beetle	150 to 200 lbs. per acre
	Billbugs	Japanese beetle	or
	Cane cranes	Northern masked chaffer	3.5 to 4.5 lbs. per 1,000 sq. ft.
	Larvae of white grubs, for example:	Phlyophaga spp.	
	Anthodius sp.	Southern masked chaffer	
	Asiatic garden beetle	Sugarcane Beetle	
	Black turfgrass stanatus		
	European chaffer		
For optimum control, make application prior to egg hatch of the target pest. Be sure to read "APPLICATION EQUIPMENT" Section of this label.			
	Mole crickets		200 lbs. per acre
	Chinch bugs (suppression)		or 4.5 lbs. per 1,000 sq. ft.
For suppression of chinch bugs, make application prior to the hatching of the first instar nymphs. For control of mole crickets make application within one week of the peak egg hatch period. If application is not made prior to egg hatch, and adults or large nymphs are present and actively tunnelling, apply this product in combination with a remedial insecticide to minimize damage to turf.			

Consult your local State Agricultural Experiment Station or State Extension Turf Specialists for more specific information regarding timing of application.

USE RESTRICTIONS:

- Do not make more than 200 to (0.4 lb of active ingredient) per acre per year.
- Do not apply to soils which are waterlogged or saturated, which will not allow penetration into the root zone of the plant.
- For optimum control, irrigate if rainfall does not occur within 24 hours after application to move the active ingredient through the thatch.
- On golf courses, irrigate treated areas following applications.
- For optimum control, mow turf or lawn area only after irrigation or rainfall has occurred so that uniformity of application will not be affected.
- Avoid runoff or puddling of irrigation water following application.

The following chart can be used as a guide in establishing an accurate rate of this product. The suggested settings provide an application rate of 3.5 lb per 1,000 sq.ft. or 150 lb per acre. Application rates will vary dependent upon speed, equipment wear and condition of spreader. Carefully calibrate all equipment used prior to use of this product.

50 lbs. treats 14,200 sq. ft. (0.33 acre) at the 150 lbs. product/acre - LOW RATE (3.5 lbs/1,000 sq. ft.)
50 lbs. treats 11,100 sq. ft. (0.25 acre) at the 200 lbs. product/acre - HIGH RATE (4.5 lbs/1,000 sq. ft.)

SPREADER	GROUND SPEED	WIDTH OF COVERAGE	SPREADER SETTINGS	
			LOW RATE 0.3 lb. ai/A	HIGH RATE 0.4 lb. ai/A
Andersons Model 2000 / AccuPro 2000 (cone 4) Andersons 2000 SR / SR-2000 (cone 4)	3 mph	10 feet	L 1/4	M 1/4
The Andersons LCO-1000	3 mph	10 feet	L 1/4	M 1/4
Scotts R-8A (cone 4)	3 mph	10 feet	K 1/4	L 1/4
Lesco 020093 (pattern 0.25)	3 mph	7 feet	E	E 1/2
Lesco 705698 (pattern 0.25)	3 mph	7 feet	12	13
Lely Models - WTR, WFR, HR, 1250 (PTO at 450 rpm) Pattern III-C	4.5 mph	34 feet	5 1/2	6 1/4
Vicon (03 Series)	4.5 mph	29 feet	27	32

APPLICATION RATES FOR USE ON ORNAMENTALS		
SITE	PEST	DOSAGE 21-0-4 FERTILIZER WITH 0.2% MERIT INSECTICIDE AND FORTIFY-N
Landscape Plantings Including: Trees, Shrubs, Evergreens, Flowers, Foliage, Plants, Ground Covers	White grub larvae For example: Japanese beetle larvae, chafers, <i>Phyllophaga</i> spp., Asiatic garden beetle, Oriental beetle	3.5 to 4.5 lbs. per 1,000 sq. ft.

Apply as a broadcast treatment. Prior to application, remove black plastic or other weed barrier material that will not permit water permeability.

USE RESTRICTIONS:

- Do not apply this product by any application method, to Linden, basswood, or other Tilia species.
- Do not apply more than 200 lb (24 lb of active ingredient) per acre per year.
- For optimum control, irrigate if rainfall does not occur, or incorporate mechanically, within 24 hours after application to move the active ingredient into the soil.
- Avoid runoff or puddling of irrigation water following application.
- Avoid application of this product to areas which are water-logged or saturated, which will not allow penetration into the root zone of the plant.
- Do not apply to vegetable gardens.

Refer to label sections on application equipment and spreader setting.

STORAGE AND DISPOSAL
Do not contaminate water, food, or feed by storage or disposal. **Pesticide Disposal:** Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility. **Container Handling:** Non-refillable container. Do not reuse or refill this container. Offer for recycling if available. Completely empty bag into application equipment. Dispose of empty bag in a sanitary landfill or by incineration or if allowed by the state.

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 material is spilled for any reason or cause, carefully contain any spilled material to prevent non-target contamination. Do not walk through spilled material and dispose of as directed for pesticides above. Refer to Precautionary Statements on label for hazards associated with the handling of this material. In spill or leak incidents, keep unauthorized people away.

IMPORTANT: READ BEFORE USE:

Read the entire Directions for Use, Conditions, Disclaimer of Warranties and Limitations 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 Conditions, Disclaimer of Warranties and Limitations of Liability.

CONDITIONS: The directions for use of this product are believed to be adequate and must be followed carefully. However, it is impossible to eliminate all risks associated with the use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application, all of which are beyond the control of Manufacturer. All such risks shall be assumed by the user or buyer.

DISCLAIMER OF WARRANTIES: TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, MANUFACTURER MAKES NO OTHER WARRANTIES EXPRESS OR IMPLIED, OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE OR OTHERWISE, THAT EXTEND BEYOND THIS STATEMENTS MADE ON THIS LABEL. No agent of Manufacturer is authorized to make any warranties beyond those contained herein or to modify the warranties contained herein. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, MANUFACTURER DISCLAIMS ANY liability whatsoever for special, incidental or consequential damages, resulting from the use or handling of this product.

LIMITATIONS OF LIABILITY: TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, THE EXCLUSIVE REMEDY OF THE USER OR BUYER FOR ANY AND ALL LOSSES, INJURIES OR DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, WHETHER IN CONTRACT, WARRANTY, TORT, NEGLIGENCE, STRICT LIABILITY OR OTHERWISE, SHALL NOT EXCEED THE PURCHASE PRICE PAID, OR, MANUFACTURER'S ELECTION, THE REPLACEMENT OF PRODUCT.

Manufactured by:
The Andersons, Inc.
P.O. Box 119
Maumee, OH 4353

MERIT is a registered trademark of Bayer

The Andersons and Fortify logos are registered trademarks of The Andersons, Inc.



ASP21UMR5.40

ASP21UMR5.40B



21-0-4 Fertilizer

