

Fertilizer with 0.2% MERIT[®] Insecticide 21-0-4 and NutriSphere-N[®]



FEATURES & USE TIPS:

- 50% of the total nitrogen is derived from NutriSphere-N[®]
- NutriSphere-N is a proprietary nitrogen management tool that has been shown to prolong desirable turf color up to eight weeks.
- Contains MERIT[®] insecticide, an insecticide that controls many root-feeding insects as listed.
- SGN 215 for use on fairways, roughs and other turf areas.

PRODUCT SPECIFICATIONS:

N (21%):	Urea Nitrogen
K - as (K₂O) (4%):	Potassium Chloride
Cl (3.4%):	Chlorine Max
Active Ingredient:	Imidacloprid (0.2%)

Following is a specimen label that may at some point be revised or otherwise become out of date. It is intended as a guide in providing general information regarding the use of this product. Always read and follow the label on the product container.

PRODUCT CODE:

APT21NMR5

Date: 021810
Supersedes: 071609
Label: F9

PRODUCT CHARACTERISTICS:

Product Type:

Combination fertilizer & MERIT Insecticide

Nitrogen Type:

NutriSphere-N

Particle Size:

SGN: 215

Net Weight:

50 lbs.

Coverage:

11,100 sq. ft. @ High Rate

Bags / Pallet:

45

The Andersons logo is a registered trademark of The Andersons, Inc.; MERIT is a registered trademark of Bayer; NutriSphere is a registered trademark of Specialty Fertilizer Products, LLC.

To order, contact your local Andersons Lawn Products distributor.

*For more information, contact Andersons at our website:
www.andersonslawnproducts.com
or call 1-800-225-2639.*

The Andersons Fertilizer with 0.2% MERIT[®] Insecticide 21-0-4 and NutriSphere-N[®]

For fertilization and insect control in turfgrass and landscape ornamentals and sod farms.
Fertilizer with MERIT[®] Insecticide.

Guaranteed Analysis	
Total Nitrogen	21.00%
Soluble Potash (K ₂ O)	4.00%
Plant nutrients derived from urea and potassium chloride	3.40%
Chlorine (Cl) Max.

F282
FLORIDA APPLICATIONS: For use on golf courses or other athletic turf in FL, we recommend you follow SL 191, "Recommendations for N, P, K & Mg for Golf Course and Athletic Field Fertilization Based on Melich 1 Extract", available on the internet at <http://web.feds.us/edu/US-04> or "Best Management Practices for the Enhancement of Environmental Quality on Florida Golf Courses" at <http://www.flaes.org/pdf/golfm07.pdf>
FLORIDA APPLICATIONS: For commercial application to urban turf or lawns in FL, we recommend you follow the Best Management Practices for Protection of Water Resources in Florida, June 2002, Florida Green Industries, available on the internet at http://www.flaes.org/pdf/BMP_Book_Final.pdf.

ACTIVE INGREDIENT:
 Insecticide: 1-[6-Chloro-3-pyridyl)methyl]-N-methyl-N-nitro-2-midazolidinone 0.2%
OTHER INGREDIENTS: 99.8%
 Total 100.0%

U.S. Patent No. 5,783,203
 EPA Reg. No. 432; 1949-9198
 EPA Est. No. 9198-OH-TM; 9198-OH-28; 9198-AI-001A
 Unlabeled letter is first letter used from code on bag

STOP - READ THE LABEL BEFORE USE. KEEP OUT OF REACH OF CHILDREN

CAUTION

PRECAUCION AL USUARIO: Si usted no puede leer o entender ningún, 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.)

For MEDICAL and TRANSPORTATION Emergencies ONLY Call 24 Hours A Day 1-800-334-7577
 For PRODUCT USE Information Call 1-800-331-2887

FIRST AID	
If swallowed:	<ul style="list-style-type: none"> 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 on skin or clothing:	<ul style="list-style-type: none"> Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.
If in eyes:	<ul style="list-style-type: none"> Hold eye open and rinse slowly and gently with water for 15-20 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.
Place the product container or label with you when calling a poison control center or doctor, or going for treatment.	

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION: Harmful if swallowed or absorbed through skin. Cause eye irritation. Avoid contact with skin, eyes or clothing. Wash thoroughly with soap and water after handling.

Personal Protective Equipment (PPE): Hazards to humans who handle this product for any use covered by the Worker Protection Standard (40 CFR part 170) - in general, agricultural plant uses, e.g., use in sod farms, must wear:
 • Long-sleeved shirt and long pants
 • Chemical resistant gloves made of any waterproof material such as barrier laminated, butyl rubber, nitrile rubber, neoprene rubber, nitril butadiene rubber, polyethylene, polyvinylchloride (PVC) or vinyl. If you want more options, follow the instructions for category A on an EPA-chemical-assessment category safety sheet.
 • Shoes 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.

Non-WPS USES: Applicators and other handlers who handle this product for any use NOT covered by the Worker Protection Standard (40 CFR part 170) - in general, only agricultural plant uses are covered by the WPS, must wear:
 • Shirt and pants
 • Shoes plus socks

USER SAFETY RECOMMENDATION

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.
 • Remove PPE before leaving the handling site. 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 before the spray dries. Do not contaminate water when disposing of equipment cleaning sprayers. Do not apply directly to water, or to areas where surface water is present or to intertidal 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 preceded 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 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.

- PPE required for each 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
 - Chemical-resistant gloves made of any waterproof material
 - Shoes plus socks

Do not formulate this product into other end-use products

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 of 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 turfgrasses, for example northern and southern masked chafers, Cyclocephalid beetles, C. immipolator, and/or C. lurid. Asiatic garden beetle, European chafers, Phytodietus sp., Green June beetle, Common mite, May or June beetle, Phyllophaga spp., and other insects. For more information on turfgrass pests, visit www.turfgrass.com. For more information on turfgrass pests, visit www.turfgrass.com.
 Annual bluegrass weevil, Leptostomus xelodonta, Black turgrass aphid, Acanthos sp., Anthonus sp., crane flies, Tullia sp., and mole crickets, Sciaritaceae spp. This product can be used as directed on turfgrass; for example, in home lawns, business and office complexes, shopping complexes, multi-unit residential complexes, golf courses, airports, cemeteries, parks, dog parks, 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 infestations, previous reports or experiences, current seasonal rainfall 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.

Do not make applications when turfgrass areas are waterlogged or the soil is saturated with water. Adequate distribution of the active ingredient can-not be achieved when these conditions exist. The treated turf must be in such a condition that the rainfall or irrigation will penetrate vertically into the soil profile. Applications cannot exceed a total of 200 lbs. (0.4 lb. of active ingredient) per acre per year.

APPLICATION TO ORNAMENTALS

This product can be used as a broadleaf 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.

NOTE: Not for use in commercial greenhouses, or nurseries.

APPLICATION RATES		
CROP	PEST	DOSE/acre WITH 0.2% MERIT INSECTICIDE
Turf Grasses	Annual bluegrass weevil Blugs Crane flies Larvae of white grubs, for example: Anthonus sp. Asiatic garden beetle Black turgrass aphid European chafers	Green June beetle Japanese beetle Common mite Southern masked chafers Phytodietus sp. Southern masked chafers Sugarcane beetle
		150 to 200 lbs. per acre or 3.3 to 4.5 lbs. per 1,000 sq. ft.
		200 lbs. per acre or 4.5 lbs. per 1,000 sq. ft.
	For optimum control, make application prior to egg hatch of the target pest. Be sure to read 'APPLICATION EQUIPMENT' Section of this label.	
	Chinch bugs (suppression)	
	Mole crickets	
	White grub larvae For example: Japanese beetle larvae, chafers, Phyllophaga spp., Asiatic garden beetle, Oriental beetle	
	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 feeding, apply The Andersons Turf Products Fertilizer with 0.2% MERIT Insecticide in combination with a residual insecticide to minimize damage to turf.	

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

NOTE: 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 application. Do not apply more than 200 lb. (0.4 lb. of active ingredient) per acre per year. Avoid mowing turf or lawn area until after irrigation or rainfall has occurred so that uniformity of application will not be affected.

APPLICATION RATES FOR USE ON ORNAMENTALS

CROP	PEST	DOSE/acre WITH 0.2% MERIT INSECTICIDE
Landscape Plantings Including: Trees, Shrubs, Evergreens, Flowers, Foliage Plants, Ground Covers	White grub larvae For example: Japanese beetle larvae, chafers, Phyllophaga 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. NOTE: For optimum control, mechanical incorporation, irrigation or rainfall must occur within 24 hours after application to move the active ingredient into soil. Refer to label sections on application equipment and spreader settings.	

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 that would apply the material in narrow concentrated bands. Calibrate application equipment according to the manufacturer's directions. Check frequently to be sure equipment is working properly and distributing granules uniformly and accurately.

SPREADER SETTINGS FOR THIS PRODUCT

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 commercial use of this product.

Suggested Spreader Settings

These suggested spreader settings are not intended to replace calibration. Please calibrate your spreader before applying product.

SPREADER	GROUND SPEED	WIDTH OF COVERAGE	SPREADER SETTINGS	
			LOW RATE 0.3 lb. a/a	HIGH RATE 0.4 lb. a/a
Andersons AccuPro 2000, SR-2000 (cone 4)	3 mph	11 feet	L 12	M 34
Sessa R-84 (cone 4)	3 mph	11 feet	K 12	L 34
Lesco 020308 (patern 0.25)	3 mph	10 feet	E 12	G 12
Lesco 706688 (patern 0.25)	3 mph	10 feet	13	17
Lely Models' WTR, WFR, HR, LR, L250 (PTO at 450 rpm)	4.5 mph	36 feet	5 34	6 12
Vicon (D3 Series)	4.5 mph	34 feet	29	34

RESTRICTIONS:
 A restricted application of irrigation water following application. Avoid application of this product to areas which are waterlogged or saturated, which will not allow penetration into the root zone of the plant. Do not apply more than 200 lbs. (0.4 lb. of active ingredient) per acre per year. Do not apply to vegetable gardens.

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal. Pesticide residues from the use of this product may be disposed of on site or at an approved waste disposal facility. **Container Disposal:** 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 and local authorities, by burning. If burned, stay out of smoke.

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 runoff contamination. Do not walk through spilled material and dispose of as directed for pesticides above. Refer to Pesticution Statements on label for hazards associated with the handling of this material. In sign 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, malfeasance 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 PARTICULAR PURPOSE OR OTHERWISE, THAT EXTEND BEYOND THE 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.

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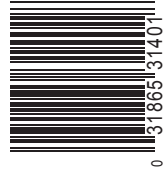
Manufactured by:
 The Andersons Lawn Fertilizer Division, Inc.
 P.O. Box 19
 Maumee, OH 43537

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SGN 215

Net Wt. 50 Lbs. (22.68 kg)



APT21NMR5
 F9 (APTBLKPREDB)