



REV 07/17 80 GHS  
FFN 04003



FOR USE ON  
GRANULAR  
NITROGEN  
FERTILIZERS

FOR  
AGRICULTURAL,  
TURF AND  
HORTICULTURAL  
USES

NOT A  
PLANT FOOD  
PRODUCT.

## NUTRISPHERE-N® (N-N®) FOR GRANULAR NITROGEN FERTILIZERS

N-N FOR GRANULAR NITROGEN FERTILIZERS manages and protects granular nitrogen fertilizers.

Active Ingredient -  
40% wt./wt.....partial calcium salt of maleic-itaconic copolymer

Inert Ingredients -  
60% ..... water

This chemical does not meet the hazardous criteria set forth by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200).

N-N FOR GRANULAR NITROGEN FERTILIZERS IS A **NON-PLANT FOOD INGREDIENT**, AND NOT RECOMMENDED FOR USE AS A FERTILIZER SUBSTITUTE.

### GENERAL INFORMATION

N-N for GRANULAR NITROGEN FERTILIZERS works best when evenly sprayed onto granular nitrogen fertilizer that is to be applied to the soil.

### APPLICATION RATES

Nitrogen fertilizer evenly sprayed with N-N should be applied to the soil in the same manner as nitrogen fertilizers without N-N. **NOTE:** When using N-N, if different farming methods from those normally used are tried, test strips are recommended until such new methods have been proven to be effective.

### SOIL TYPES AND CROPS

N-N may be used with any crop and in any soil type where best management practices recommend the use of nitrogen fertilizers.

### MIXING INSTRUCTIONS

N-N should be evenly sprayed not poured onto granular nitrogen fertilizers. Standard spraying equipment works well for evenly spraying granular nitrogen fertilizers. In cold conditions, check viscosity of N-N for

GRANULAR NITROGEN FERTILIZERS prior to spraying. Do Not Apply N-N to granular nitrogen fertilizer that is wet prior to treatment. If after treating with N-N, the granular nitrogen fertilizer is wet, allow to dry before use. To prevent streaking a field, do not apply wet fertilizer. Increasing air flow and ventilation will reduce drying time.

N-N for GRANULAR NITROGEN FERTILIZERS can be used with multiple types of granular nitrogen fertilizers. However; the quality and composition of nitrogen fertilizers varies greatly. Before evenly spraying N-N for GRANULAR NITROGEN FERTILIZERS on nitrogen fertilizers, those fertilizers should be "batch tested" to determine compatibility with N-N. If wetness occurs, pre-treat to allow time for drying. Do not blend urea or other granular nitrogen fertilizers that are wet. Do not attempt to spread wet fertilizer as streaking may occur. For optimum results pretreat all granular nitrogen fertilizer and allow drying before blending with other products. This product is not intended for use with Ammonium Sulfate. Verdesian recommends N-N QDO for use with Ammonium Sulfate.

Dye may be added to N-N before application to the fertilizer when treating granular nitrogen fertilizers. Outcomes associated with use of third party dyes are not guaranteed. Use of a third party dye may cause a reduction in the amount of Active Ingredient. Dyes containing metallic properties should not be used as they will interfere with the effectiveness of the N-N. Always jar test new dyes to determine compatibility before using.

"316" stainless steel pumps and attachments are recommended. When seals are used, seals made of "Gore-tex", "Teflon" or "Viton" are required.

### TREATMENT RATE

N-N FOR GRANULAR NITROGEN FERTILIZERS is recommended to be evenly sprayed at a rate of 0.25% or 1/2 gallon

of N-N per ton of granular nitrogen fertilizer. (2.1 liters per metric ton)

### ANTI CAKING PROPERTIES

N-N FOR GRANULAR NITROGEN FERTILIZERS has shown to inhibit caking of the fertilizer that sometimes occurs with granular nitrogen while stored in bins.

### USE PRECAUTIONS KEEP OUT OF THE REACH OF CHILDREN DO NOT INHALE OR SWALLOW

Do not use with liquid nitrogen fertilizers or use on seed. N-N FOR GRANULAR NITROGEN FERTILIZERS IS NOT COMPATIBLE WITH OTHER FORMS OF N-N AND SHOULD NOT BE MIXED TOGETHER. Read the SDS and label before use, including but not limited to "USE PRECAUTIONS" and "Warranty/Limitations of Remedies". Always wear proper personal protection and follow instructions for treatment and application. Use according to label directions.

When using N-N always wear safety gear such as masks and safety glasses. Wear long sleeves, and long pants and use natural or butyl rubber gloves. Apply N-N in well ventilated areas. Due to the possibility of eye and skin irritation, avoid contact. In case of accidental contact with eyes or skin, flush with ample water. If irritation persists, contact a physician. Could be harmful if inhaled or swallowed. Empty containers may contain residue. All label warnings apply to empty container.

Do not contaminate waterways and sewers during cleaning of equipment or disposal of wastes, always adhering to applicable provisions of federal, state, and local laws and regulations. Completely empty contents into application equipment. Dispose of empty container by depositing in sanitary landfills, or as required by law. Do not reuse containers. Observe all warnings on label. Read the Safety Data Sheet prior to use.

### WARRANTY

VERDESIAN LIFE SCIENCES, U.S., LLC warrants that this Product conforms to the specifications set forth on the label. This Product is reasonably fit for the purpose stated on the label when used in accordance with the label directions and instructions under normal conditions of use.

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This product is manufactured by:

Verdesian Life Sciences, U.S., LLC 1001 Winstead Drive, Suite 480, Cary, NC 27513  
Customer Service: 800-868-6446

