

GUARANTEED ANALYSIS

Total Nitrogen (N)	16.00%
6.00% Urea Nitrogen	
10.00% Water Soluble Nitrogen	
Soluble Potash (K ₂ O)	2.00%
Manganese (Mn)	3.00%
3.00% Chelated Manganese	

DERIVED FROM: Methylene Ureas, Triazone, Urea, Potassium Hydroxide, and Manganese EDTA.

KEEP OUT OF REACH OF CHILDREN



WARNING

Causes skin irritation. Causes serious eye irritation.

PRECAUTIONARY STATEMENTS

Wash thoroughly after handling. Wear rubber or chemical-resistant gloves. Wear eye protection.

FIRST AID

In all cases, call a poison control center or doctor for further treatment advice. **IF ON SKIN:** Wash with plenty of water. If skin irritation occurs: Get medical attention. Take off contaminated clothing and wash before reuse. **IF IN EYES:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention.

For chemical spills, leaks, fire or exposure, call CHEMTREC: (800) 424-9300.

STORAGE AND DISPOSAL

Store in a safe manner. Store in original container only and keep tightly sealed when not in use. Store product and dispose of unused product and empty containers in accordance with federal, state and local regulations.

GENERAL INFORMATION

NDEMAND[®] MANGANESE is designed primarily for foliar applications to prevent or correct manganese deficiencies in a wide range of agronomic and ornamental plants. Its use is suggested as a supplement to a regular, balanced fertilizer program to enhance yields and improve quality.

Application of **NDEMAND MANGANESE** is a means of obtaining a quick response to needed elements. Foliar applications of **NDEMAND MANGANESE** may be particularly beneficial during periods of peak nutrient demand, for crops grown on soils having poor nutrient availability or to crops suffering from a weakened root system.

NDEMAND MANGANESE should be used as part of a comprehensive Total Nutrition System[®] for optimizing plant growth, development, yield and quality.

DIRECTIONS FOR USE

NDEMAND MANGANESE may be applied as a foliar spray by air, ground concentrate or dilute. Maintain agitation to provide uniform distribution within spray tank. Use of a high quality CPDA approved spreader, such as R-11[®], at recommended rates to improve spray cover is usually advised.

Do not apply when plants are under excessive heat or moisture stress. Applications of foliar nutrients to leafy vegetables or soft-skinned fruit during periods of excessive temperatures may cause cosmetic injury.

Maintain agitation to provide uniform distribution within spray tank. Do not apply when plants are under excessive heat or moisture stress. It is advised that **NDEMAND MANGANESE** be diluted with water at no less than 2 parts water to 1 part **NDEMAND MANGANESE**.

NDEMAND MANGANESE can be soil applied as a band, side-dress or injected through the irrigation system, sprinkler, drip or center pivot. Timing of treatments should be based

Information regarding the contents and levels of metals in this product is available on the Internet at <http://www.aapco.org/metals.htm>

on crop nutrient demand, prevailing environmental conditions, plant tissue analysis data or other information that indicates a need for fast-acting, supplemental nitrogen.

USE RATES: Apply 2-4 quarts per acre.

ROW CROPS: When applied with post-emergent herbicides, use 32 ounces per acre.

COMPATIBILITY

NDEMAND MANGANESE is compatible with many co-applied nutrient sources as well as crop protection chemicals. Always jar test new combinations for compatibility prior to field mixing. Care should be taken not to blend **NDEMAND MANGANESE** with highly acidic materials.

SPECIAL CONSIDERATIONS: **NDEMAND MANGANESE** has an alkaline pH and may raise spray solution pH. When tank mixed with materials sensitive to alkaline hydrolysis the use of a buffer or acidifier at recommended rates is advised. Add buffer or acidifier prior to adding **NDEMAND MANGANESE**. Reducing spray solution pH below 5.0-5.5 may result in precipitation.

Conditions of Sale and Limitation of Warranty and Liability:

NOTICE: Read the entire Directions for Use and Conditions of Sale and Limitation of Warranty and Liability before buying or using the product. If the terms are not acceptable, return the product at once, unopened, and the purchase price will be refunded.

The Directions for Use of the product should be followed carefully. It is impossible to eliminate all risks inherently associated with the use of this product. Crop injury, ineffectiveness, or other unintended consequences may result because of many different factors including, without limitation, manner of use or application, weather, combination with other products, or crop conditions. All such risks shall be assumed by Buyer and User, and Buyer and User agree to hold Manufacturer and Seller harmless from any claims relating to such factors.

Seller warrants that this product conforms to the chemical description on the label. **EXCEPT FOR THIS WARRANTY, THE PRODUCT IS FURNISHED "AS-IS," AND NEITHER SELLER NOR MANUFACTURER MAKES ANY OTHER WARRANTIES, EXPRESS OR IMPLIED, WITH RESPECT TO THE SELECTION, PURCHASE OR USE OF THIS PRODUCT; SELLER AND MANUFACTURER SPECIFICALLY DISCLAIM ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. Buyer and User accept all risks arising from any use of this product, including without limitation uses contrary to label instructions, under abnormal conditions, or under conditions not reasonably foreseeable to (or beyond the control of) Seller or Manufacturer.**

To the extent permitted by law, neither Manufacturer nor Seller shall be liable for any incidental, consequential or special damages resulting from the use or handling of this product. **THE EXCLUSIVE REMEDY OF THE BUYER OR USER, AND THE EXCLUSIVE LIABILITY OF MANUFACTURER AND SELLER, FOR ANY AND ALL CLAIMS, LOSSES, INJURIES OR DAMAGES (INCLUDING CLAIMS BASED ON BREACH OF WARRANTY, CONTRACT, NEGLIGENCE, TORT, STRICT LIABILITY OR OTHERWISE) RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, SHALL BE THE RETURN OF THE PURCHASE PRICE OF THIS PRODUCT, OR, AT THE ELECTION OF MANUFACTURER OR SELLER, THE REPLACEMENT OF THE PRODUCT.**

These Conditions of Sale and Limitation of Warranty and Liability shall be interpreted in accordance with the laws of the State of California, excluding its conflicts of laws rules, and may not be amended by any oral or written agreement.

WILBUR-ELLIS logo, Ideas to Grow With, NDEMAND, R-11, and Total Nutrition System are registered trademarks, and NDEMAND logo is a trademark of Wilbur-Ellis Company LLC.

K-063016

Manufactured by: **WILBUR-ELLIS COMPANY LLC**
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NET CONTENTS: 2.5 GALLONS (9.46 Liters)
WEIGHT PER GALLON: 10.53 POUNDS at 68°F