



WILBUR-ELLIS®

Ideas to Grow With™

GUARANTEED ANALYSIS

Total Nitrogen (N) 30.00%
12.00% Urea Nitrogen
18.00% Other Water Soluble Nitrogen*

DERIVED FROM: Triazone, Methylene Urea and Urea.

*18.00% Slowly available nitrogen from triazone and methylene urea.
NDemand® 30L contains 3.15 pounds of nitrogen per gallon.

KEEP OUT OF REACH OF CHILDREN PRECAUTION

Do not ingest. Avoid contact with skin, eyes or clothing.
Avoid breathing dust, vapor or mist.

FIRST AID

In all cases, call a poison control center or doctor for further treatment advice.

IF SWALLOWED, call a poison control center or doctor immediately. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to by a poison control center or doctor. Do not give anything to an unconscious person. IF ON SKIN, take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. IF INHALED, move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration. IF IN EYES, 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.

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

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage, disposal or cleaning of equipment.

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

GENERAL INFORMATION

NDemand 30L is designed primarily for foliar applications to prevent or correct nitrogen 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 30L is a means of obtaining a quick response to needed elements. Foliar applications of NDemand 30L 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 30L should be used as part of a comprehensive Total Nutrition System® for optimizing plant growth, development, yield and quality.

DIRECTIONS FOR USE

NDemand 30L 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. Applications of certain nutrients to fleshy fruit within 30 days of harvest may result in staining of rind or skin.

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 30L be diluted with water at no less than 2 parts water to 1 part NDemand 30L.

NDemand 30L 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 on crop nutrient demand, prevailing environmental conditions, plant tissue analysis data or other information that indicates a need for fast-acting, supplemental nitrogen.

FIELD AND ROW CROPS: Apply 1-3 gallons per acre before crops attain full canopy and then 1-5 gallons per acre as needed.

SORGHUM/MILO: Apply prior to heading. Applications of 2 quarts per acre are generally recommended, but rates up to 8 quarts of NDemand 30L with a minimum of 5 gallons of water per acre to ensure complete coverage may be used in ground applications. When aerially applied, 2-6 quarts with a minimum of 3 gallons of water may be used. Rates in excess of 2 quarts per acre may cause cosmetic leaf burn under conditions of high temperatures and relative humidity.

Information regarding the contents and levels of metals in this product is available on the Internet at http://www.aapfco.org/metals.html

VEGETABLE CROPS: Apply 1-3 gallons per acre for most vegetable crops. Rates as high as 5 gallons per acre may be used on crucifers.

CITRUS: Apply 1-10 gallons per acre as needed.

DECIDUOUS FRUIT AND NUT CROPS (Excluding Apples and Pears): Apply 1-1.5 gallons per acre from bud swell to early bloom, 1-5 gallons post-bloom to pre-harvest, and 5-10 gallons post-harvest to leaf drop.

APPLES AND PEARS: Not for use in-season on bearing orchards. For post-harvest use in bearing orchards up to 10 gallons per acre may be used. May cause some leaf desiccation. May be used in-season on non-bearing orchards at 1-5 gallons per acre.

HOPS: Apply 2-6 quarts per acre up to pre-cone development as needed.

GRAPES: Apply 1-2 gallons per acre as needed. Rates as high as 10 gallons per acre may be used post-harvest.

SPORTS AND RECREATIONAL TURF: Use 8-32 ounces per 1,000 square feet every 4-6 weeks as needed. The lower rate is advised when used during high temperature conditions. Addition of VERSATILE® IRON or other quality iron source may aid in green-up.

GREENS: Use 4 ounces per 1,000 square feet for every 0.1 pound of nitrogen desired. Use no more than 8 ounces per 1,000 square feet.

COMPATIBILITY

NDemand 30L 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 30L with highly acidic materials.

SPECIAL CONSIDERATIONS: NDemand 30L 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 30L. 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, Total Nutrition System, and Versatile are registered trademarks, and NDemand logo is a trademark of Wilbur-Ellis Company LLC.

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Manufactured by: WILBUR-ELLIS COMPANY LLC
7 E. Washington Ave., Yakima, WA 98903

NET CONTENTS: 2.5 GALLONS (9.46 Liters)
WEIGHT PER GALLON: 10.5 POUNDS at 68°F