



**LINK<sup>®</sup>**  
**DEEP ROOT**  
 WITH LINK QUALITY<sup>®</sup>  
 10-5-10



**WILBUR-ELLIS<sup>®</sup>**  
 Ideas to Grow With<sup>™</sup>

**GUARANTEED ANALYSIS**

Total Nitrogen (N).....	10.00%
1.00% Ammoniacal Nitrogen	
0.50% Nitrate Nitrogen	
8.50% Urea Nitrogen	
Available Phosphate (P <sub>2</sub> O <sub>5</sub> ).....	5.00%
Soluble Potash (K <sub>2</sub> O).....	10.00%
Iron (Fe).....	0.50%
0.50% Chelated Iron	
Manganese (Mn).....	0.50%
0.50% Chelated Manganese	

DERIVED FROM: Ammonium Nitrate, Monopotassium Phosphate, Potassium Phosphite, Urea, Manganese EDTA, Manganese IDS, Iron EDTA, and Iron IDS.

**ALSO CONTAINS NON-PLANT FOOD INGREDIENTS:**  
 0.50% Humic Acids derived from Leonardite.

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

**KEEP OUT OF REACH OF CHILDREN**



**WARNING**

Causes skin irritation. Causes serious eye irritation. Do not ingest. Avoid breathing vapor or mist.

**PRECAUTIONARY STATEMENTS**

Wash hands and affected areas thoroughly with soap and water after handling. Wear rubber or chemical-resistant gloves. Wear eye protection.

**FIRST AID**

**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. **IF SWALLOWED:** Rinse mouth. Call a doctor or poison control center if symptoms occur or you feel unwell. **IF INHALED:** Move person to fresh air and keep comfortable for breathing. Call a doctor or poison control center if symptoms occur or you feel unwell.

For chemical spills, leaks, fire or exposure, call CHEMTREC: (800) 424-9300 or Poison Control Center: (800) 222-1222.

**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**

- With Potassium Phosphite
- Fully Chelated Minors
- Contains Humic Acid

LINK<sup>®</sup> DEEP ROOT WITH LINK QUALITY<sup>®</sup> was designed initially for deep root injection application systems to fertilize trees and shrubs but can be utilized in turf and nursery as well. Applications can be used to prevent or correct nutrient deficiencies in a wide range of plants. LINK DEEP ROOT WITH LINK QUALITY is a blend designed to encourage deep rooting and contains potassium phosphite. It includes chelated minors in addition to humic acid. LINK DEEP ROOT WITH LINK QUALITY should be used as part of a comprehensive Total Nutrition System<sup>®</sup> for optimizing plant growth, development and quality. LINK products are formulated specifically

for the professional market including greenhouse, field and container-grown nursery, sports turf, golf, lawn care, and landscape managers.

**DIRECTIONS FOR USE**

Optimum rate of application will vary based on a variety of factors including plant species, degree of need or deficiency, growth stage, environmental and/or soil conditions and existing soil fertility levels.

**TURFGRASS**

**Greens and Tees:** Apply 6-24 ounces per 1,000 sq. ft. in 2 gallons of water. Corresponding rates are 2-8 gallons per acre in 80 gallons of water.

**Fairways and Lawns:** Apply 12-36 ounces per 1,000 sq. ft. in 2-4 gallons of water. Corresponding rates are 4-12 gallons per acre in 80-160 gallons of water.

**Newly Seeded or to Repair Damaged Turfgrass:** Apply 6-36 ounces per 1,000 sq. ft. in 2-4 gallons of water. Corresponding rates are 2-12 gallons per acre in 80-160 gallons of water.

**NITROGEN CONVERSION RATE:**

Pounds of Nitrogen per 1,000 sq. ft.	Amount of 10-5-10 to apply per 1,000 sq. ft.
0.10 pound	12 ounces
1.00 pound	120 ounces

**LANDSCAPE ORNAMENTALS**

**FOLIAR SPRAY APPLICATIONS:**

**Herbaceous Plants:** Apply 1-2 quarts per 100 gallons of water. Spray to runoff. Repeat as needed.

**Trees and Shrubs:** Apply 2-4 quarts per 100 gallons of water. Spray to runoff. Repeat as needed.

**Deep Root Injection Feed of Trees and Shrubs:** Dilute 2-8 gallons of LINK DEEP ROOT WITH LINK QUALITY in 100 gallons of water. Calibrate the deep root feeding system to deliver 8-10 ounces of dilute mix per injection. In established shrub bed applications, deliver 10 gallons of dilute mix per 1,000 square feet of bed. In newly planted shrub beds, deliver 5-7 gallons per 1,000 square feet. On larger trees, inject every 2 feet around the drip line, and then again at the same interval 3 feet out from the drip line and 3 feet in from the drip line. The end result will be 3 concentric rings of injections around the tree.

If slow release nitrogen is desired, this product can be tank mixed with LINK 30L with NDemand<sup>®</sup> to extend the release of nitrogen to the plant. Add 2 parts LINK DEEP ROOT WITH LINK QUALITY to 1 part LINK 30L to obtain a 16-3-6 with slow release nitrogen mixture. Dilute 1-5 gallons of this premix in 100 gallons of water and apply as instructed above. Do not store this premix longer than 4 weeks as precipitation may occur.

**Established Palms:** Mix 1 gallon of LINK DEEP ROOT WITH LINK QUALITY in 100 gallons of water and inject at least 2 feet away from the trunk of the plant. Apply 2-4 times per year when the plant is actively growing.

**NURSERIES AND GREENHOUSES**

**FOLIAR SPRAY APPLICATIONS:** Apply 1-8 quarts per 100 gallons of water. Spray to runoff. Repeat as needed.

**SOIL DRENCH APPLICATIONS:** Mix 1-2.5 ounces of LINK DEEP ROOT WITH QUALITY in 1 gallon of water and thoroughly drench soil. Repeat as needed.

**INJECTION APPLICATIONS:** Apply at a rate of 30-100 ppm of nitrogen. For 100 ppm of nitrogen, prepare a stock solution of 10 ounces of LINK DEEP ROOT WITH LINK QUALITY per gallon of water. Inject stock solution at a ratio of 1:100.

**COMPATIBILITY**

LINK DEEP ROOT WITH LINK QUALITY is compatible with many co-applied nutrient sources as well as plant protection products. Always jar test new combinations for compatibility prior to field mixing.

**PRECAUTIONS:** Do not use in excessively dry soils or on extremely stressed plants. Late fall or early spring applications, before or after dormancy are recommended. If the spray tank will be used for subsequent applications of dormant oil, the tank must be triple rinsed before adding oil solution.

The application rates listed are guidelines only to be used in the development of your nutrient management plan. The rates may not apply to your local growing conditions. Test this product before use under your local growing conditions, application methods and desired rates. Adjust irrigation volume and frequency to maintain appropriate soluble salt levels.

**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.

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Manufactured by: WILBUR-ELLIS COMPANY LLC  
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**NET CONTENTS: 2.5 GALLONS (9.46 Liters)**

WEIGHT PER GALLON: 10.7 POUNDS at 68°F