



**GUARANTEED ANALYSIS**

Total Nitrogen (N) ..... 3.00%  
0.90% Ammoniacal Nitrogen  
0.90% Nitrate Nitrogen  
1.20% Urea Nitrogen

Derived From: Urea Ammonium Nitrate

**ALSO CONTAINS NON-PLANT FOOD INGREDIENTS:**

*Bacillus amyloliquefaciens* ..... 1x10<sup>3</sup> cfu/ml\*  
*Bacillus licheniformis* ..... 1x10<sup>3</sup> cfu/ml  
*Bacillus oleronius* ..... 1x10<sup>3</sup> cfu/ml  
*Bacillus megaterium* ..... 1x10<sup>3</sup> cfu/ml  
*Bacillus mojavensis* ..... 1x10<sup>3</sup> cfu/ml  
*Bacillus pumilus* ..... 1x10<sup>3</sup> cfu/ml  
*Bacillus subtilis* ..... 1x10<sup>3</sup> cfu/ml

\*colony forming units/milliliter

Improves fertilizer efficiency.

**KEEP OUT OF REACH OF CHILDREN**



**WARNING**

Harmful if swallowed. Avoid contact with skin, eyes or clothing.

F1548

Product is guaranteed effective up to 2 years after date stamped on label.



Density: 8.60 lbs/Gallon @ 68° F  
**Net Contents: 275 gallons (1,040 liters)**  
**Net Weight: 2,365 lbs (1,073 kg)**

Product Code: 1000177304



Density: 8.60 lbs/Gallon @ 68° F  
**Net Contents:**       gallons (       liters)  
**Net Weight:**       lbs (       kg)

Product Code: 1000177312

**IMPREGNATION RATES: DRY FERTILIZERS:** Recommended rate range is 1 to 4 quarts of TITAN® per ton of dry fertilizer depending on makeup of dry fertilizer blend. Blends that contain both potassium and phosphate inputs will absorb more TITAN than those made from a higher percentage of urea. Higher rates of impregnation are possible when fertilizer handling systems are capable of adding drying clay. Contact your Loveland Products representative for specific information.

**PRE-BLENDING OR TANK MIXING RATES: LIQUID FERTILIZERS:** If mixing with liquid fertilizer or herbicides, perform a Jar Test to assure compatibility with different mixtures of chemicals. It is typically recommended to mix in the following order: fertilizers, chemicals, water, and TITAN. Do not mix with fungicides EXCEPT Azoxystrobin products. Liquid fertilizers in the pH range of 5 to 9 are compatible with TITAN.

**TITAN APPLICATION RATE PER ACRE:**

**Starter:** 1 to 4 pints per acre.  
**Side dress:** 1 to 2 quarts per acre.  
**Broadcast:** 2 to 4 quarts per acre for Agricultural use.  
3 to 6 oz. per 1,000 sq. ft. on Turf grass  
2 to 4 quarts per acre for ornamentals  
**Dry Impregnation:** 1 to 4 quarts per ton

**RATES FOR MANURE APPLICATION:** TITAN can be injected into tank during fill process or injected directly into line in systems where an umbilical cord is in use. Broadcast: 2 to 4 quarts per 3,000 gallons of manure (target rate is 2 to 4 quarts/acre)

**IRRIGATION INJECTION:** Set injection system to distribute 2 to 4 quarts of concentrate per acre. Mix with water (1:1) prior to combining with concentrated liquid fertilizers.

**TRANSPLANTING:** Mix 1 to 2 ounces to 1 gallon water. Saturate plugs in planting trays, dip roots, or spray onto bare rootstock prior to transplanting. Discard diseased planting materials.

**FIRST AID**

**If in eyes:** Hold eye open and rinse slowly and gently with water for 15 to 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.

**If swallowed:** 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 the poison control center or doctor. Do not give anything by mouth to an unconscious person.

**If on skin or clothing:** Take off contaminated clothing. Rinse skin immediately with plenty of water for 15 to 20 minutes. Call a poison control center or doctor for treatment advice.

**If inhaled:** Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. Call a poison control center or doctor for further treatment advice.

FOR A MEDICAL EMERGENCY INVOLVING THIS PRODUCT, CALL 1-866-944-8565.

**STORAGE and DISPOSAL**

**STORAGE:** Store product in dark fiberglass or plastic containers out of direct sunlight or UV light. Keep containers tightly closed when not in use. Store in a cool, dry well-ventilated area, preferably in a locked storage area away from children, feed and food products, and seed. PROTECT FROM FREEZING. Do not contaminate water, food, or feed by storage or disposal.

**DISPOSAL:** Do not reuse container. Triple rinse (or equivalent) and add rinsate to spray tank, then offer for recycling at an ACRC site (go to <http://www.acrcycle.org/> for locations) or by reconditioning, or puncture and dispose of in a sanitary landfill or incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke. Do not contaminate water sources by runoff from cleaning of equipment, disposal of equipment wash waters or spray waste.

**HANDLING:** Avoid breathing fertilizer mists. Avoid prolonged or repeated skin contact. Avoid eye contact. Wash hands thoroughly after handling this product.

For help with any spill, leak, fire or exposure involving this material, call day or night CHEMTREC 1-800-424-9300.

**CONDITIONS OF SALE AND LIMITATION OF WARRANTY AND LIABILITY**

BEFORE BUYING OR USING THIS PRODUCT, read the Directions for Use and the following Conditions of Sale and Limitation of Warranty and Liability. By buying or using this product, the buyer or user accepts the following Conditions of Sale and Limitation of Warranty and Liability, which no employee or agent of LOVELAND PRODUCTS, INC. or the seller is authorized to vary. LOVELAND PRODUCTS, INC. warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated in the Directions for Use, when the product is used in accordance with such Directions for Use under normal conditions of use. LOVELAND PRODUCTS, INC. MAKES NO OTHER WARRANTY, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. THE BUYER'S OR USER'S EXCLUSIVE REMEDY FOR ANY INJURY, LOSS, OR DAMAGE RESULTING FROM THE HANDLING OR USE OF THIS PRODUCT SHALL BE LIMITED TO ONE OF THE FOLLOWING, AT THE ELECTION OF LOVELAND PRODUCTS, INC. OR THE SELLER: DIRECT DAMAGES NOT EXCEEDING THE PURCHASE PRICE OF THE PRODUCT OR REPLACEMENT OF THE PRODUCT. LOVELAND PRODUCTS, INC. AND THE SELLER SHALL NOT BE LIABLE TO THE BUYER OR USER OF THIS PRODUCT FOR ANY CONSEQUENTIAL, SPECIAL, OR INDIRECT DAMAGES, OR DAMAGES IN THE NATURE OF A PENALTY.

California Proposition 65: WARNING: This product contains chemicals known to the State of California to cause cancer or birth defects or other reproductive harm.

Information regarding the contents and levels of metals in this product is available on the Internet at <http://www.regulatory-info-lpi.com>

Tests have not been carried out under all possible use conditions and Seller cannot and does not represent or warrant that the goods are compatible with all other chemicals or under all use conditions.

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