



# GOLD'n GRO®

Multi-Nutrient Liquid Fertilizers

## 15-1-8 + 4% S

### GUARANTEED ANALYSIS

Total Nitrogen (N) .....	15.00%
1.80% Ammoniacal Nitrogen	
1.80% Nitrate Nitrogen	
11.40% Urea Nitrogen	
Available Phosphate (P <sub>2</sub> O <sub>5</sub> ) .....	1.00%
Soluble Potash (K <sub>2</sub> O) .....	8.00%
Sulfur (S) .....	4.00%
Iron (Fe) .....	0.25%
0.25% Chelated Iron (Fe)	
Manganese (Mn) .....	0.10%
0.10% Chelated Manganese (Mn)	
Zinc (Zn) .....	0.10%
0.10% Chelated Zinc (Zn)	

Derived From: Lo-biuret Urea, Ammonium Polyphosphate, Ammonium Thiosulfate, Aqueous Ammonia, Potassium Nitrate, Potassium Phosphate, Potassium Thiosulfate, Ferrous Sulfate, Iron EDTA, Manganese Sulfate, and Zinc Oxide. Chelated with Citric Acid and EDTA (Ethylenediaminetetraacetic acid)

**KEEP OUT OF REACH OF CHILDREN**



**WARNING**

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

**F1548**  
**FOR AGRICULTURAL OR COMMERCIAL USE ONLY**

### GENERAL INFORMATION

This concentrated product is corrosive for iron, copper, zinc, brass, bronze, and aluminum. Tanks for storage of concentrated product can be polypropylene, 304 or 316 stainless steel, or cross-linked polyethylene. Fiberglass, iron and aluminum tanks should be avoided. It is okay to use fiberglass and 304 stainless spray tanks for ground spray rigs and aluminum for aerial applications. Do not store fertilizer mix in spray tanks. Flush lines after using.

### DIRECTIONS FOR USE:

This product is a lo-biuret fertilizer. **GOLD'n GRO® 15-1-8 + 4% S** can be used on turf, ornamentals, wine, table, and raisin grapes, field crops including cereal grains, fruit and nut trees, citrus, and avocados. The total amount required per acre per year per crop may be determined by standard grower practice. Maximum quantity applied per acre per year should not exceed 60 gallons (639 pounds) in the State of Washington.

Spray applications for turf, ornamentals, all varieties of grapes, vegetables, other field crops including cereal grains, fruit and nut trees, citrus and avocados should be done using a mix no more concentrated than 2 quarts in 10 gallons of water. Do not foliar apply when temperature exceeds 90° F.

Add the **GOLD'n GRO** products to water. Use a bottle test for mixtures with other products before proceeding with a full-scale mix.

**GOLD'n GRO 15-1-8 + 4% S** may be applied through drip, sprinkler, and micro sprinkler irrigation or injected into the soil as in sidedress or listing operations. When **GOLD'n GRO 15-1-8 + 4% S** is injected in drip, drip tape or micro sprinklers, a jar test for compatibility with the irrigation water is recommended.

**GOLD'n GRO 15-1-8 + 4% S** is compatible with most fungicides, herbicides, and insecticides. When in doubt, do a jar test or contact your supplier. When combining with fungicides, herbicides, or insecticides, follow the manufacturer's instructions as to placement, dilution rates, and all other precautions. When plants are exhibiting chlorosis or other symptoms of micronutrient deficiency, a combination of foliar and soil applications may be desirable.

### GENERAL APPLICATION RATES AND TIMINGS:

**Commercial and residential lawns, Golf course tees and greens, Golf course fairways:** 10 to 30 fluid oz./1000 sq. ft., 3 to 10 gal./acre. Rate is based on monthly applications of 10 gal./acre/month during periods of rapid growth. Rates will vary with season and frequency of application. When fertigation is the method of application a more even distribution of nutrient is achieved by injecting 1/3 of the recommended amount for 3 consecutive days.

**Citrus (Foliar):** 4 to 20 qt./acre. Apply first application in mid-February; re-apply as necessary. Application schedule will be dependent upon variety and cultural practices of the region.

**Avocados (Foliar):** 4 to 20 qt./acre. Apply after new foliage is partially grown between mid-March and mid-May. Apply at rate of 1 gal. **GOLD'n GRO 15-1-8 + 4% S** in 20 gal. of water.

**Citrus, Avocados (Micro-sprinkler/Drip irrigation):** 10 to 20 gal./acre. Apply first application in mid-February; re-apply as necessary. Application schedule will be dependent upon variety and cultural practices of the region.

**Cereal grains (Foliar):** 1 to 16 qt./acre. Application schedule will be dependent on crop, variety, and cultural practices of the region.

**Field crop & vegetables general use (Fertigation/Soil application):** 8 to 12 gal./acre. Application schedule will be dependent on crop, variety, and cultural practices of the region.

**Field crop & vegetables general use (Foliar):** 1 to 8 qt./acre. Application schedule will be dependent on crop, variety, and cultural practices of the region.

**Fruit & nut trees (Foliar):** 1 to 8 qt./acre. Apply first application late winter and re-apply as necessary to fruit softening or husk split. Application schedule will be dependent on crop, variety and cultural practices of the region.

**Grapes (Foliar):** 1 to 8 qt./acre. Apply first application after leaves are out; re-apply as necessary. Use lower rates early. Increase rates as foliage increases.

**Grapes (Micro-sprinkler/Drip irrigation):** 5 to 10 gal./acre. Apply first application at or just before bud break, re-apply as necessary until veraison. A final application is recommended after harvest.

**Ornamentals (Fertigation/Soil application):** 2 to 5 gal./acre. 1 to 3 applications per season.

**Ornamentals (Foliar):** 1 to 4 qt./acre. Apply periodically as needed.

### 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 BETWEEN 41°F AND 104°F. Shake well before using. Store in original containers only. 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. Store at ambient temperatures. Do not contaminate water, food, or feed by storage or disposal. **DISPOSAL:** Do not reuse container. Plastic: Triple rinse (or equivalent), adding rinse water to spray tank, then offer for recycling at an ACRS site (go to <http://www.acrcycle.org/> for locations) or by reconditioning, or puncture and dispose of in a sanitary landfill or by other procedures approved by state and local authorities. Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility. Do not contaminate water, food, or feed by storage or disposal.

**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.

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.

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>

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GUARANTEED BY: LOVELAND PRODUCTS, INC.® • PO BOX 1286 • GREELEY CO 80632-1286



**Bulk Density: 10.65 lbs/gallon @ 68°F**  
**Net Contents: 5 gallons (18.92 liters)**  
**Net Weight: 53.25 lbs (24.15 kg)**  
product code: 1000056373



**Bulk Density: 10.65 lbs/gallon @ 68°F**  
**Net Contents: 55 gallons (208 liters)**  
**Net Weight: 585.75 lbs (265 kg)**  
product code: 1000056372



**Bulk Density: 10.65 lbs/gallon @ 68°F**  
**Net Contents:           gallons (           liters)**  
**Net Weight:               lbs (           kg)**  
product code: 1000056374