



# HI-NITROGEN, 14-4-9

## All-Purpose Lawn and Landscape Fertilizer

Gro-Power® products are based on naturally oxidized leonardite from our own mine in New Mexico. Leonardite adds organic matter to soils that provides a concentrated source of humic and fulvic acids—which stimulates soil microbial life and soil fertility, enhances plant nutrient availability and uptake, improves root development and root mass and growth, and increases plant growth and quality.

### Guaranteed Analysis

**Active Ingredients:**

Total Nitrogen (N) .....	14.0%
1.57% Ammoniacal Nitrogen	
12.43% Urea Nitrogen	
Available Phosphoric Acid (P <sub>2</sub> O <sub>5</sub> ) .....	4.0%
Soluble Potash (K <sub>2</sub> O) .....	9.0%
Sulfur (S).....	3.0%

**Derived From: ammonium phosphate and potassium sulphate**

**Also Contains Non-Plant Food Ingredients:**  
6.00% Humic Acids (derived from leonardite)

**Physical Properties:**

Form: solid granules  
Appearance: Dark reddish-brown-to-black particles/dust having no odor.

**Caution:**

Keep out of reach of children.  
Harmful if swallowed.

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

**Conditions of Sale:**

The information contained in this bulletin is believed to be accurate and reliable. Buyer and user acknowledge and assume all liability resulting from the use of this material. Follow directions carefully. Timing, method of application, weather, and other factors are beyond the control of the seller.

**Available Product Bag Sizes:**

Retail: 20 lb., 40 lb.

Gro-Power® **Hi-Nitrogen 14-4-9** is a high-analysis fertilizer that feeds all lawns. It contains combines both quick release and slow release nitrogen with micronutrients. Phosphoric acid will help develop deep vigorous roots. Potash will increase plant resistance to diseases. Sulfur has been added to help control the pH and to help promote deep green foliage. It also contains humic acids, which may increase micronutrient uptake. This product is appropriate for feeding general landscape and a variety of turf: Bermuda, hybrid Bermuda, blue grasses, fescue, St. Augustine, zoysia and most other grasses and blends (except dichondra lawns). Gro-Power® **Hi-Nitrogen 14-4-9** contains no sewage or sludge, animal or poultry manure.

### BENEFITS OF USE

- Quick release and slow release nitrogen with micronutrients
- Boosts plant and soil health
- Improves soil quality and overall structure
- Great for feeding trees, shrubs, and ground cover

### APPLICATIONS

**Spreaders:** Check with your nursery or spreader manufacturer for recommended spreader settings. The setting on spreader may vary die to the age and use; check the settings carefully. Broadcast spreader rates are also dependent on the speed the spreader is pushed. Carefully calculate the area to be fertilized and make certain the proper number of pounds is being applied to area. CAUTION: Close spreader opening when turning, stopping, and filling spreader.

**Important Note:** This product is NOT recommended for Dichondra lawns or for use in soil preparation.

Since soil conditions, usage, and level of maintenance desired may vary, Gro-Power® **Hi-Nitrogen 14-4-9** can be used effectively in conjunction with other Gro-Power® products (**Gro-Power® 5-3-1** and **Gro-Power® 5-3-1 Plus**). Check with your nursery.

NORMAL APPLICATION	LIGHT APPLICATION
7 to 8 lbs. per 1,000 sq. ft. Feed every 8-10 weeks Bag coverage: 5,400 sq. ft. (approx.)	5 to 6 lbs. per 1,000 sq. ft. Feed every 4-6 weeks Bag coverage: 7,200 sq. ft. (approx.)



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