

NEW

GRO-PRO 12-4-12

FOR ALL TURF GRASS, TREES & LANDSCAPE PLANTS *With* 60% SRN +Mg, Mn, Fe, Cu, Zn, B, PLUS HUMIC ACID AND SUGARS

- **FOR USE ON ALL TURF GRASSES**
- **Mg, Mn & ORGANICS SUPPLEMENTS**
- **FEEDS SMART N FOR TWO TO THREE MONTHS** ^{F106}

GUARANTEED ANALYSIS:

Total Nitrogen (N)	12%
2.8% Urea Nitrogen	
2% Ammoniacal Nitrogen	
7.2% Slowly Available Water Soluble Nitrogen*	
Available Phosphate (P ₂ O ₅)	4%
Soluble Potash (K ₂ O)	12%
Magnesium (Mg)	3%
3% Chelated Magnesium (Mg)	
Boron (B)	0.005%
Copper (Cu)	0.03%
0.03% Chelated Copper (Cu)	
Iron (Fe)	1%
1% Chelated Iron (Fe)	
Manganese (Mn)	2%
2% Chelated Manganese (Mn)	
Zinc (Zn)	0.05%
0.05% Chelated Zinc (Zn)	

ALSO CONTAINS NON-PLANT FOOD INGREDIENTS:

2%	Humic Acid (derived from Leonardite)
2%	Monosaccharides/Polysaccharides
0.1%	Yucca schidigera Extract

Derived From: Urea, Methylene Urea, Potassium Carbonate, Ammonium Polyphosphate, Potassium Humate, Simple/complex Sugars, Iron EDTA, Manganese EDTA, Magnesium EDTA, Zinc EDTA, Copper EDTA, Boric Acid. Chelating Agent: EDTA

*7.2% slowly available Nitrogen from Methylene Urea

PRODUCT SPECIFICATIONS:

Weight per gallon (Liter)	11 lbs.(1.31 Kg)
pH	8
1 gallon contains	1.3 lbs nitrogen

PRODUCT DESCRIPTION:

Gro-Pro 12-4-12 can be used on all varieties of cool, transitional and warm season grasses. This N-P-K solution is enriched with a blend of organic supplements not contained in conventional fertilizers. It contains 60% Growth Products' exclusive slow release nitrogen and 6 essential micronutrients. Our exclusive slow release nitrogen acts as a sticker-spreader ensuring coverage of nutrients and beneficial ingredients. It is ideal for embankments and bunker surrounds where water run-off is a concern. Gro-Pro has been formulated and tested for low salts so that it will not injure young turf or plant materials. It can be used for a low water volume spray programs, as recommended for urban plantings, where paved areas make it difficult to apply large volumes of water. This program utilizes five times less water than a standard program. Be sure to follow all mixing instruction carefully.

- **100% CHELATED MICROS FOR FAST RESULTS**
- **PACKED WITH 12 ESSENTIAL INGREDIENTS!**
- **VISIBLE PLANT RESPONSE AND GREENING**

APPLICATION RECOMMENDATIONS:

Tees & Greens: Apply to tees at a rate of 1/10 to 1/8 lb. N per 1,000 sq. ft. every 7 to 14 days with a spray unit, applying no less than 1-2 gallons of tank mix, per 1,000 sq.ft. This is the recommended rate for all turfgrass species, including the varieties of bentgrass, such as A-1, A-4 and Seaside II. Applying slow release nitrogen will limit excess growth and reduce the buildup of unwanted thatch.

Fairways: Apply on fairways at a rate of 1/4 to 1/3 lb. N per 1,000 sq. ft., every month with a spray unit, applying no less than 2 gallons of tank mix, per 1,000 sq. ft. Gro-Pro can be applied through a fertigation system. The use of a product that contains a high amount of slow release nitrogen has been shown to eliminate surge growth that produces unwanted thatch. It can be tank mixed with most pesticides.

Soil Injection for Trees and Shrubs: Begin root injection approximately 2-4 ft. away from trunk. Fertilize under entire canopy in grid pattern. Inject to a depth of 6" – 8" for trees. Inject at a rate of 1 qt. of tank mix per injection site.

Soil Drench: 4 oz in 2 - 5 gal water for smaller trees.

Transplant Fertilization: Use as a drench of root ball and soil when planting trees and shrubs. Gro-Pro contains humic acid and yucca (a natural wetting agent) which will help loosen compacted clay soils and allow more drainage.

Turf Applications 12-4-12 in 100 Gal (400 L) of Tank Mix Nitrogen Rate per 1,000 FT² (100 m²)

If You Apply	1/10 lb N	1/8 lb N	1/4 lb. N	1/3 lb. N
	(0.05 Kg N)	(0.06 Kg N)	(0.12 Kg N)	(0.16 Kg N)
3 gal per 1,000 FT ²	2 gal	2.5 gal	5 gal	6.6 gal
10 L per 100 m ²	10 L	12 L	24 L	32 L
2 gal per 1,000 FT ²	3 gal	3.7 gal	7.5 gal	10 gal
7.5 L per 100 m ²	13.3 L	14.2 L	28.4 L	37.4 L
1 gal per 1,000 FT ²	6 gal	7.5 gal	15 gal	19.8 gal
4 L per 100 m ²	25 L	30 L	60 L	80 L

FIRST AID	
IF SWALLOWED:	Call a poison center or doctor if you feel unwell: Rinse mouth.
IF IN EYES:	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a poison center/doctor.
IF ON SKIN:	Remove contaminated clothing and wash skin with plenty of soap and water. If skin irritation occurs, get medical advice/attention.
IF INHALED:	Call a poison center or doctor if you feel unwell.
You may also contact 1-800-992-5994 day or night for emergency treatment information. If medical advice is needed, have product container or label at hand (P101), Keep out of reach of children (P102), Read label before use (P103).	
STORAGE: Keep container tightly closed. May be stored in unheated area, but keep from freezing. Store in areas inaccessible to children and pets.	
DISPOSAL: Dispose of contents/container in accordance with local/regional/national/international regulations. Do not reuse container.	

The following precautionary statements and pictograms are based on The Globally Harmonized System of Classifications and Labeling of Chemicals (GHS) and are mandated by the Occupational Safety and Health Administration (OSHA)



WARNING

H316 Causes Mild Skin Irritation
H320 Causes Eye Irritation
H335 May Cause Respiratory Irritation

Condition of Sale and Warranty: Growth Products, Ltd. warrants that the product conforms to its chemical description and is reasonably fit for the purpose stated on the label only when used in accordance with label directions under normal conditions of use. Handling, storage and use of the product by Buyer or User are beyond the control of Growth Products, Ltd. and Seller. Risks such as crop injury or other unintended consequences resulting from, but not limited to, weather or soil conditions, presence of other materials, disease, pests, drift to other crops or property, or failure to follow label directions will be assumed by Buyer or User. **IN NO CASE WILL GROWTH PRODUCTS, LTD. OR SELLER BE HELD LIABLE FOR CONSEQUENTIAL, SPECIAL, OR INDIRECT DAMAGES RESULTING FROM THE HANDLING, STORAGE OR USE OF THIS PRODUCT.**

Manufactured in the USA By: 

