



# KelPlant® 1-0-1

## SeaWeed Extract (SWE) with Humic & Fulvic Acids



### Guaranteed Analysis

Total Nitrogen (N) ..... 1.00%  
 1.0% Ammoniacal Nitrogen  
 Soluble Potash (K<sub>2</sub>O) ..... 1.00%  
 Sulfur (S)..... 1.00%

Derived from  
 Ammonium Sulfate and Potassium Humate

### Non-Plant Food Ingredients

North Atlantic Ascophyllum Nodosum SeaWeed Extract (SWE), Humic and Fulvic Acids from Leonardite and Natural Plant Extracts

**KelPlant® 1-0-1** contains an extract of 75% North Atlantic Ascophyllum Nodosum SeaWeed Extract (SWE) plus 20% Humic and Fulvic Acids. **KelPlant® 1-0-1** provides added stress tolerance and root enhancement while increasing microbial activity. **KelPlant® 1-0-1** relieves stress in the plant, resulting in superior quality in turf density and hardiness. The Humic and Fulvic Acids release tied-up nutrients and make them available to the plant. In addition, research has shown that SWE and Humic Acid are excellent forms of Cytokinin that promote root mass and shoot growth.

#### Benefits of KelPlant® 1-0-1:

- Improves Plant Health
- Increases in Root Mass
- Improves Chlorophyll Content
- Increases in Plant Antioxidant Levels
- Improves Drought Tolerance
- Promotes "Roots & Shoots"
- Thicker, Stronger Cell Walls
- Source of Auxin, Cytokinin and Gibberellin Hormones

■ Weight per gallon: 8.80 lbs. (3.99 kg)

■ Each gallon contains:  
 .088 lb Nitrogen  
 .088 lb Potassium  
 .088 lb Sulfur

■ pH: 5.0



#### Directions for Use:

**Greens, Tees, and Fine Turf:** Apply 0.75 - 6.0 oz of **KelPlant® 1-0-1** with 1.5 - 2 gallons of water per 1,000 sq. ft. (0.25 - 1.0 gallon of **KelPlant® 1-0-1** with 66 - 88 gallons of water per acre ) every 14 days throughout the growing season. This application shall provide 0.0005 - 0.0021 of actual Nitrogen per 1,000 sq. ft.

**Fairways, Roughs, Sports Turf & Lawns:** Apply 0.25 - 1.0 gallons of **KelPlant® 1-0-1** with 44 - 66 gallons of water per acre (0.75 - 3.0 oz of **KelPlant® 1-0-1** with 1 - 2 gallons of water per 1,000 sq. ft.) every 14 days throughout the growing season. This application shall provide 0.0005 - 0.0021 of actual Nitrogen per 1,000 sq. ft.

**Root & Rhizome Enhancement:** To tighten the turf canopy, apply a tank mix of 6 oz. of **KelPlant® 1-0-1**, 6 oz. **Green-T impulse™**, 3 oz. **Hydration A Plus®** and .36 oz. of **Omega™** per 1,000 sq. ft. Irrigate for 5 - 10 minutes to move nutrient spray to the roots and crown.

#### Trees:

**Foliar Spray:** Apply 1 oz. of **KelPlant® 1-0-1** per gallon of water per inch diameter of trunk in spring and fall.

**Drench:** Apply 2 oz. of **KelPlant® 1-0-1** in 2 gallons of water per inch diameter of trunk to drip line in spring and fall. For Example, for a 3-inch diameter tree, apply 6 oz of **KelPlant® 1-0-1** in 6 gallons of water from trunk to drip line.

#### Flowers & Ornamentals:

Apply 1 oz. of **KelPlant® 1-0-1** per gallon of water twice a month throughout the growing season.

Application Rates for KelPlant® 1-0-1						
Fluid Oz/ 1,000 sq. ft.	Gallons/ One Acre	ML/ 100 M <sup>2</sup>	L/HA Litre/ Hectare	Nitrogen/ 1,000 sq. ft.	Potassium/ 1,000 sq. ft.	Sulfur/ 1,000 sq. ft.
0.75	0.25	24	2.5	0.0005	0.0005	0.0005
1.00	0.30	32	3.0	0.0007	0.0007	0.0007
2.00	0.70	64	6.0	0.0014	0.0014	0.0014
3.00	1.00	95	10.0	0.0021	0.0021	0.0021
6.00	2.00	190	20.0	0.0042	0.0042	0.0042

#### Available Container Sizes:

- 2 x 2.5 gal (2 x 9.46 L) Case
- 30 gal (113.56 L) Drum
- 55 gal (208.20 L) Drum
- 275 gal (1040.99 L) Tote

Store between 50° - 90° F. (10°-35°C)

Do not allow to freeze.

KELPC