

# PS-Foundation 1-0-1

Advanced Engineered Soil Nutrition

Minerals - Fertilizer - Surfactant

User Tech Sheet

Product Number: F101

## GENERAL INFORMATION

Pro-Soil's PS-Foundation 1-0-1 is a plant and soil nutrient concentrate consisting of quality fertilizers, chelated trace minerals and a powerful non-ionic surfactant.

## GUARANTEED ANALYSIS

Total Nitrogen (N).....	1.00000%
1.00% Urea Nitrogen	
Soluble Potash (K2O).....	1.00000%
Sulphur (S) .....	1.00000%
1.0% Free Sulfur (S)	
Copper (Cu).....	0.07000%
0.07% Chelated Copper (Cu)	
Iron (Fe).....	0.30000%
0.30% Chelated Iron (Fe)	
Zinc (Zn).....	0.70000%
0.70% Chelated Zinc (Zn)	

## NON-PLANT FOOD INGREDIENTS

Humic Acid (Leonardite Shale).....	3.00000%
Nonylphenol Polyethylene Glycol Ether.....	15.00000%
Total Other Ingredients .....	77.93000%

## PACKAGING, STORAGE-CONTAINER DISPOSAL

2.5 gallon containers (5 gallons per case)

Shelf life.....	Indefinite
PH.....	5.0 - 6.0

Do not store in direct sunlight for prolonged periods. Protect from heat above 120°F. Protect from freezing. Dispose of container according to procedures approved by state and local authorities.

This product is intended as a supplement or addition to regular fertility NOT a replacement of fertility.

## USE SAFETY CAUTION

This product is non-toxic and essentially non-irritating to humans and animals. May cause moderate eye irritation. If eye contact occurs flush eye with plenty of water. Consult a physician if irritation persists. In case of skin contact, wash with plenty of water. If swallowed, no specific intervention is indicated as the compound is not likely to be hazardous by ingestion. However consult a physician if necessary.

## **KEEP OUT OF REACH OF CHILDREN**

## LIMITATION OF WARRANTY AND LIMITATION OF LIABILITY

It is impossible to eliminate all risks inherently associated with the use of this product. Crop injury, ineffectiveness, or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application, all of which are beyond the control of Pro-Soil Ag Solutions or seller. All such risks shall be assumed by buyer or user. Pro-Soil Ag Solutions warrants that this product conforms to the description on the label and is reasonably fit for the purposes stated in the Directions for Use, under normal use conditions, subject to the risks described above. Pro-Soil Ag Solutions makes no other express or implied warranty of fitness or of merchantability or any other express or implied warranty. In no event shall Pro-Soil Ag Solutions or seller be liable for any incidental, consequential or special damages resulting from the use or handling of this product. The exclusive remedy of the user or buyer, and the exclusive liability of Pro-Soil Ag Solutions or seller for any and all claims, shall be the return of the purchase price of the product or, at the election of Pro-Soil Ag Solutions or seller, the replacement of the product.

## DIRECTIONS FOR USE

Mix with sufficient water to distribute evenly (minimum 10 gallons of liquid per acre). Can be tank mixed with most liquid fertilizers, herbicides, insecticides and fungicides. Use in conjunction with a good soil test and soil fertility program. Always conduct a compatibility test prior to mixing any chemicals. DO NOT mix PS-Foundation 1-0-1 with any high phosphorous fertilizers.

**SHAKE WELL BEFORE USE**

## RECOMMENDED APPLICATION RATES

### AGRICULTURE:

**Corn & Soybeans:** 12.8 – 16 ounces broadcast (pre-plant) or 12.8 – 16 oz. directly in row with optional 12.8 – 16 oz. broadcast in the fall.

**Cotton:** Can be applied pre-plant with Treflan at 12.8-16 ounces, in-row at 12.8 ounces or broadcast in conjunction with first application of round-up at 12.8 -16 ounces. Optional 12.8-16 ounces broadcast in late fall.

**Wheat:** 12.8 - 16 ounces broadcast just before planting, 8.5 - 12.8 ounces directly in-row, 8 ounces per 100 lbs. of seed as seed treatment. 12.8 - 16 ounces as top-dress in conjunction with fertility.

**Alfalfa:** 12.8 – 16 ounces 30-45 days prior to 1<sup>st</sup> cutting. Optional 12.8 ounces after every cutting. This also applies to grasses and most other forages.

### GOLF COURSES:

**Greens and Tees:** 2 fluid ounces per 1,000 square feet every 4 weeks.

**Fairways:** 1 fluid ounce per 1,000 square feet spring and fall.

### SPORTS FIELDS:

2 fluid ounces per 1,000 square feet every 4 weeks throughout growing season.

### TURF:

**Established Turf:** 2 fluid ounces per 1,000 square feet every 4 weeks.

### GREENHOUSE:

**New bedding plants:** 10 fluid ounces per 5 gallons of water using an injector system. Ratio: 75:1 or 100:1. Siphon Mixer: 2 fluid ounces per 5 gallons of water.

**HYDROSEEDING:** 32 fluid ounces per acre.

### LANDSCAPE FLOWER BEDS:

1 fluid ounce per 1,000 square feet at each seasonal color change.

### TREES:

1 fluid ounce per caliper inch of trunk in adequate water to drench base or may be applied through root injector.

**NOTE:** Application rates may vary due to different soil conditions and uses. Consult your Pro-Soil Representative for best results in using this product.



Pro-Soil Ag Solutions, Inc.

P. O. Box 1537

Hawkins, Texas 75765

Ph: 800-714-4903 ~ Fax 903-769-5683

www.Pro-Soil.com