PRO-MAG 15-5-15

SUPERIOR WATER SOLUBLE PROFESSIONAL TURF & ORNAMENTAL FERTILIZER

GUARANTEED ANALYSIS

Total Nitrogen (N) 15.00%
- 1.20% Ammoniacal Nitrogen
- 11.75% Nitrate Nitrogen
- 2.05% Urea Nitrogen

Available Phosphate (P_2O_5) 5.00%
Soluble Potash (K_2O) 15.00%
Calcium (Ca) 5.00%
Magnesium (Mg) 2.00%
- 2.00% Water Soluble Magnesium

Boron (B) 0.015%
- 0.015% Soluble Boron

Copper (Cu) 0.05%
- 0.05% Water Soluble Copper

Iron (Fe) 0.10%
- 0.10% Chelated Iron

Manganese (Mn) 0.05%
- 0.05% Water Soluble Manganese

Molybdenum (Mo) 0.007%
- 0.007% Soluble Molybdenum

Zinc (Zn) 0.05%
- 0.05% Water Soluble Zinc

DERIVED FROM: Ammonium Nitrate, Ammonium Phosphate, Potassium Nitrate, Urea, Calcium Nitrate, Magnesium Nitrate, Boric Acid, Sodium Molybdate, Copper Sulfate, Iron EDTA, Manganese Sulfate, and Zinc Sulfate.

Chlorine (Cl) not more than 1%.

WARNING: This fertilizer contains Boron. Its use on any other plants or under any other conditions other than those specified on the label may result in plant injury.

CAUTION: This fertilizer is to be used only on crops which respond to molybdenum. Crops high in molybdenum are toxic to grazing animals (ruminants).

KEEP OUT OF REACH OF CHILDREN

PRECAUTION

Do not ingest. Avoid contact with skin, eyes or clothing.
Avoid breathing dust, vapor or mist.

FIRST AID

In all cases, call a poison control center or doctor for further treatment advice.

IF SWALLOWED, call a poison control center or doctor immediately. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to by a poison control center or doctor. Do not give anything to an unconscious person. **IF ON SKIN**, take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. **IF INHALED**, move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration. **IF IN EYES**, hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing.

Potential Basicity: 45 pounds calcium carbonate equivalent per ton.

NET WEIGHT:
25 POUNDS (11.34 kg)

GENERAL INFORMATION

A water soluble plant food concentrate for Continuous Liquid Feed programs.

PRO-MAG is designed primarily for foliar applications to prevent or correct micronutrient deficiencies in a wide range of turf and ornamental plants. Its use is suggested as a supplement to a regular, balanced fertilizer program to enhance yields and improve quality.

Application of PRO-MAG is a means of obtaining a quick response to needed elements. Foliar applications of PRO-MAG may be particularly beneficial during periods of peak nutrient demand, for crops grown on soils having poor nutrient availability or to crops suffering from a weakened root system.

PRO-MAG should be used as part of a comprehensive Total Nutrition System® for optimizing plant growth, development, yield and quality.

DIRECTIONS FOR USE

PRO-MAG may be applied as a foliar spray by air, ground concentrate or dilute. Maintain agitation to provide uniform distribution within spray tank. Use of a high quality CPDA approved spreader, such as R-11®, at recommended rates to improve spray cover is usually advised. Do not apply when plants are under excessive heat or moisture stress. Applications of foliar nutrients to leafy vegetables or soft-skinned fruits during periods of excessive temperatures may cause cosmetic injury. Applications of certain micronutrients to fleshy fruits within 30 days of harvest may result in staining of rind or skin.

PRO-MAG with green dye is designed for application with any sprayer, injector or proportioner. Ideal for potted and bedding plants (including plugs) as well as cut flowers. Contains calcium and magnesium. Combines nitrogen, phosphorus, potassium, calcium, magnesium and minor elements in one product for soil-less mixes.

Add PRO-MAG to tank when half full; agitate thoroughly while adding remaining water. Water temperature plays an important role in determining fertilizer solubility. The higher the water temperature, the greater the solubility and quicker the dissolving time. As fertilizers are added to the solution, there is an immediate decrease in water temperature. It is important when preparing concentrated solutions to allow for this temperature drop to ensure that all of the fertilizer is properly dissolved.

Spray Tank: Mix 1/2 pound in 25 gallons water and apply 1 quart per square foot as a normal watering on a 1 to 2-week basis.

Transplants (Vegetables, Flowers, Trees, Shrubs, etc.): Mix 1 pound in 50 gallons of water and apply on a 2 to 3-week basis. Water in thoroughly.

Foliar Feed: Mix 1 pound in 50 gallons (350 ppm N) and use every 2 to 3 weeks. Do not spray flowers in bloom.

Established Lawns, Golf Courses and Turf Areas: Use 5 pounds in 100 gallons of water per 5,000 sq. ft., or 1 pound in 10 gallons of water per 1,000 sq. ft., or 15 level tablespoons in 4 gallons of water per 400 sq. ft.

Shade Trees and Shrubs: Use at the rate of 5 to 10 pounds per 100 gallons of water.

NOTE: It is recommended that the final spray solution be a pH of 6.5-7.0. If buffering is required, Wilbur-Ellis recommends a buffering agent such as TRI-FOL®. No surfactant should be used with this product unless advised by your Wilbur-Ellis consultant.

COMPATIBILITY

Always jar test new combinations for compatibility prior to field mixing.

100 ppm N Solution Contains the Following Elemental ppm	
Ammonium-N (NH_4-N)	8
Nitrate-N (NO_3-N)	78
Urea-N (Urea-N)	14
Phosphorus (P)	15
Potassium (K)	83
Calcium (Ca)	33
Magnesium (Mg)	13
Boron (B)	0.1
Copper (Cu)	0.067
Iron (Fe)	0.53
Manganese (Mn)	0.267
Molybdenum (Mo)	0.047
Zinc (Zn)	0.267

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage, disposal or cleaning of equipment.

Store in a safe manner. Store in original container only and keep tightly sealed when not in use. Dispose of unused product and empty containers in accordance with Federal, State and local regulations.

For chemical spills, leaks, fire or exposure, call CHEMTREC: (800) 424-9300.

Information regarding the contents and levels of metals in this product is available on the internet at http://www.aapfco.org/metals.htm.

K-091410

Ounces of WIL-SOL PRO-MAG 15-5-15 per Gallon of Concentrate

Nitrogen ppm N	Injector Ratios					E.C. mmhos/cm
	1:15	1:100	1:128	1:200	1:300	
25	0.33	2.22	2.84	4.44	6.67	0.17
50	0.67	4.44	5.69	8.89	13.33	0.34
75	1.00	6.67	8.53	13.33	20.00	0.51
100	1.33	8.89	11.37	17.77	26.66	0.68
150	2.00	13.33	17.06	26.66	39.99	1.02
200	2.67	17.77	22.75	35.55	53.32	1.36
300	4.00	26.66	34.12	53.32	Insoluble	2.04
400	5.33	35.55	45.50	Insoluble	Insoluble	2.72

Conditions of Sale and Limitation of Warranty and Liability:

NOTICE: Read the entire Directions for Use and Conditions of Sale and Limitation of Warranty and Liability before buying or using the product. If the terms are not acceptable, return the product at once, unopened, and the purchase price will be refunded.

The Directions for Use of the product should be followed carefully. 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 many different factors including, without limitation, manner of use or application, weather, combination with other products, or crop conditions. All such risks shall be assumed by Buyer and User, and Buyer and User agree to hold Manufacturer and Seller harmless from any claims relating to such factors.

Seller warrants that this product conforms to the chemical description on the label. EXCEPT FOR THIS WARRANTY, THE PRODUCT IS FURNISHED "AS-IS," AND NEITHER SELLER NOR MANUFACTURER MAKES ANY OTHER WARRANTIES, EXPRESS OR IMPLIED, WITH RESPECT TO THE SELECTION, PURCHASE OR USE OF THIS PRODUCT; SELLER AND MANUFACTURER SPECIFICALLY DISCLAIM ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. Buyer and User accept all risks arising from any use of this product, including without limitation uses contrary to label instructions, under abnormal conditions, or under conditions not reasonably foreseeable to (or beyond the control of) Seller or Manufacturer.

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