



**PLANT
FOOD
COMPANY, INC.**

Perfectionists Like You

pH: 2.0

Net Contents:

9.46 litre (2.5 gallon) Jug
2 x 9.46L (2x 2.5 gallon) Case
Wt/Litre: 1.23 kg
Wt/gal: 4.68 kg (10.32 lb)
Net Wt: 11.7 kg (25.80 lb) Jug
Net Wt: 23.4 kg (51.60 lb) Case

Available Container Sizes:

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



Solution distribution to help the world grow.

MADE IN U.S.A



pHusion Manganese 7% 1-0-0



Guaranteed Minimum Analysis

Total Nitrogen (N) 1.00%
Sulphur (S) 4.00%
Manganese (Mn) (Actual) 7.00%

pHusion Manganese 7% 1-0-0, is a low nitrogen solution, acid-based manganese liquid that is ideal for correcting manganese deficiencies in the soil. The acid-based liquid formulation contains Urea-Sulfuric Acid that aids in acidifying soil. Manganese availability increases when soil pH is maintained below 7.0. Manganese influences photosynthesis and is involved in several plant enzymes that promote chlorophyll production in the plant. The result is a darker, natural green tissue.

Directions for use

Greens, Tees & Fine Turf:

Apply 64- 95 ml per 100 m² (2.0- 3.0 oz./ 1,000 sq. ft.) of pHusion Manganese 7% 1-0-0 with 5.67- 7.57 litre of water per 100 m² (1.5- 2 gal of water/ 1,000 sq.ft.)

Apply 6- 10 litre per Ha (0.7- 1.0 gal/ Acre) of pHusion Manganese 7% 1-0-0 with 250- 333 litre of water per Ha (66- 88 gal of water/ Acre).

Fairways, Roughs, Sports Turf & Lawns:

Apply 6- 10 litre per Ha (0.7- 1.0 gal/ Acre) of pHusion Manganese 7% 1-0-0 with 167- 333 litre of water per Ha (44- 88 gal of water/ Acre).

Apply 64- 95 ml per 100 m² (2.0- 3.0 oz./ 1,000 sq. ft.) of pHusion Manganese 7% 1-0-0 with 3.78- 7.57 litre per 100 m² (1- 2 gal of water/ 1,000 sq. ft.) to ensure thorough coverage. Apply every 3-4 weeks or as needed throughout the growing season.

Application Information: Irrigate immediately to move into the soil profile. Do Not let liquid spray dry on the leaf. Applications should be made in Spring or Fall. For improved performance, tank mix with Ammonium Thiosulfate 12-0-0 and FloThru+Plus Penetrant. (Avoid spraying in periods of low humidity or when turf is under severe stress)

Note: During summer months when foliar applied Manganese is required, use Green-T® 1-0-0 Manganese 5% Glucoheptonate Chelate or Green-T® 12 Iron Glucoheptonate Chelate.

Application Rates for pHusion Manganese 7% 1-0-0

Fl. Oz/ 1,000 sq. ft.	Gallon/ One Acre	ML/ 100 m ²	Litre/ Hectare	Sulphur /1,000 sq. ft.	Mn/ 1,000 sq. ft.
2.0	0.7	64	6	0.006	0.0113
3.0	1.0	95	10	0.011	0.0169
4.0	1.4	127	13	0.013	0.0226
6.0	2.0	191	20	0.019	0.0339
12.0	4.1	382	40	0.039	0.0677
15.0	5.1	477	48	0.048	0.0847
18.0	6.1	573	60	0.058	0.1016

Nutrient use statement: Only minor amounts of nutrients applied to foliage or seed are absorbed by plants. Foliar and seed treatments, therefore, supply only a portion of the three major nutrients (nitrogen, phosphorus, potassium) required for successful plant production. Such a product is recommended only for use as a supplementary source of plant nutrients to a basic fertilizer program that relates to the fertility level of the soil.

Mixing Handling:

Clean mixing & application equipment. Fill tank 3/4 full with water; begin adding one product at a time. Use a proper mixing order (W.A.L.E.S.). Check mixture compatibility using a jar test prior to application. **Caution:** Keep away from children & domestic animals. Do not apply near water, storm drains, drainage ditches. Do not apply if heavy rains are expected. Apply this product only to your lawn/ garden.



WARNING: Harmful if swallowed; Causes serious eye irritation. May cause skin irritation.

Precautionary Statement: Prevention: Wear eye/face protection. Avoid contact with skin. Do not eat, drink or smoke when handling this product. Wash hands thoroughly after handling. **First Aid:** *if in eyes:* Rinse carefully with water for several minutes. If eye irritation persists, get medical attention. *if swallowed:* Rinse mouth; induce vomiting. Get medical attention if you feel unwell. **Storage & Disposal:** Store in a well-ventilated, cool, dry place; keep container closed; do not add water or other material to the container. Store above 32° F (0°C). Do not allow to freeze. Do not contaminate water, food or feed by storage or disposal. Do not store near acids or other acidic materials. Dispose of contents/container in accordance with local authority requirements.

Warranty: The manufacturer and seller warrants that the material conforms to the product description on the label and is reasonably fit for the purpose stated, when used in accordance with the directions. Further, because of critical unforeseeable factors beyond the manufacturer's and seller's control which prevent them from eliminating all risks in connection with the use of fertilizers, the buyer and user acknowledge and assume all risks and liabilities resulting from handling, storage and use of this material. The terms of this notice may not be varied by any verbal or written statement.

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