

roots® Fe 8%®

Concentrated Soluble Iron

Roots® Fe 8%® is a unique, citrate based chelate fertilizer which provides an 8% concentration of fully chelated iron. Excess citric acid is added for additional chelating capacity.

0-5-8

Guaranteed Analysis

Available Phosphate (P ₂ O ₅)	5.0%
Soluble Potash (K ₂ O)	8.0%
Iron (Fe)	8.0%
8.0% Chelated Iron (Fe)	

Derived From: Dipotassium Phosphate, Iron Citrate and Potassium Hydroxide.

CHELATING CAPACITY

Roots® Fe 8%® carries additional chelating capacity, and can be utilized as a building block to chelate more complex micronutrient mixtures containing elements such as manganese and zinc.

ALSO CONTAINS NON PLANT FOOD INGREDIENTS

Active Ingredients
Citric Acid..... 14%

Inert Ingredients..... 86%
53.13% Water
32.60% Fertilizer Ingredients
0.26% Preservatives (isothiazolinone, Diiodomethyl-p-tolylsulfone, Bronopol, chloroxylenol)
0.01% Propylene glycol



F699

37-56986

Information regarding the contents and levels of metals in this product is available on the Internet at:
<http://www.regulatory-info-lebsea.com>



Manufactured by:
Lebanon Seaboard Corporation
1600 E. Cumberland St. • Lebanon, PA 17042
800-233-0628 • (717) 273-1685
Made in the U.S.A.
www.LebanonTurf.com

NET CONTENTS 2.5 GAL (9.46 L) NET WT 27.5 LB (12.47 KG)

STORE AND TRANSPORT IN AN UPRIGHT POSITION AT TEMPERATURES ABOVE 50°F (10°C)

AGITATE BEFORE USE

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DIRECTIONS FOR USE: Apply only as directed.

Roots® Fe 8%® is formulated for soil or foliar application. It is designed to supplement all fertilizer programs, and can be applied through injection and drip irrigation, fertigation, or sprayer system. Low moisture conditions may limit nutrient uptake, so a minimum dilution of 1:30 in water is recommended. Maximum dilution should not exceed 1:600.

Compatibility: Roots® Fe 8%® is tank mix compatible with most soluble fertilizers, herbicides, pesticides, and fungicides. However, tank mixing with materials of pH greater than 10.0 or alkaline solutions containing orthophosphate (PO₄) is not recommended. As with all chemicals, read all labels for compatibility verification and, if practical, test a small area prior to extensive use with other chemicals. If in doubt, call 800-233-1067 with questions.

DO NOT APPLY WITH ALUMINUM BASED FUNGICIDES.

Buffering capacity: Roots® Fe 8%® is an effective agent for reducing the pH of highly alkaline water. Alkaline water (pH greater than 7.0) can degrade certain types of pesticides, especially organophosphates, and reduce their effectiveness. Roots® Fe 8%® can be used to buffer tank mix to a range between 6.0 and 7.0.

STORAGE

CAUTION: PROTECT FROM TEMPERATURE EXTREMES TO MAINTAIN PRODUCT STABILITY. Store and transport above 50°F (10°C) in poly-lined container. Keep container sealed to avoid moisture loss. Prevent contact between undiluted Roots® Fe 8%® and mild steel, aluminum or brass. Use only stainless steel or plastic fittings.

SAFETY

In case of contact flush with water.

KEEP OUT OF REACH OF CHILDREN

For Safety Data Sheets contact your local distributor or call us at 1-800-233-1067.

* Turf

Greens & Tees	1 fl. oz. / 1,000 sq. ft. - Every 2 weeks or 2 fl. oz. / 1,000 sq. ft. - Every 4 weeks
Fairways	1.5 qt. / acre - Every 2 weeks or 3 qt. / acre - Every 4 weeks
Sports Turf	1 fl. oz. / 1,000 sq. ft. - Every 2 weeks or 2 fl. oz. / 1,000 sq. ft. - Every 4 weeks
Sod Installation	3 fl. oz. / 1,000 sq. ft. - At installation
Sod (prior to lift)	2 fl. oz. / 1,000 sq. ft. - 3 weeks before harvest

Trees & Shrubs

Deep Root Feeding 1 gal. / 100 gal. mix - In spring or fall

Shrubs & Ornamentals

Foliar spray 1 qt. / 100 gal. mix - In spring, summer or fall

Soil application 1 gal. / 100 gal. mix - In spring, summer or fall

* Rates are for maintenance requirements. For corrective applications double these rates.

Foliar fertilization is intended as a supplement to a regular fertilization program and may not, by itself, provide all the nutrients normally required by crops or other intended plants.

WARNING

HAZARD STATEMENTS

Harmful if swallowed.

May irritate the digestive tract if ingested.

Keep out of reach of children.



PRECAUTIONARY STATEMENTS

Wash hands thoroughly after handling.

Do not eat, drink or smoke when using this product.

IF SWALLOWED: Rinse mouth. Immediately call a POISON CENTER or doctor/physician if you feel unwell.

Dispose in accordance with all federal, state and local regulations.

HAZARDS NOT OTHERWISE CLASSIFIED (HNOC):

NOTE: Preservatives used in this product are not appropriate for human consumption. Although present in low concentrations, they are potent as microbial growth inhibitors, and should not be ingested. When evaluating hazards, it is advisable to consider the combined total of all preservatives, as well as their individual levels and effects.

Unknown acute toxicity: <1% of the mixture consists of ingredients of unknown toxicity.

WARRANTY

NOTE To the extent consistent with applicable law, Buyer assumes all responsibility for safety and performance if this product is not used according to the directions.

AGITATE BEFORE USE