



# Healthy Turf™ 8-1-9

**ROOTS® Healthy Turf™** is a natural biofertilizer specially formulated for turfgrass. It contains NPK fertility derived from natural and conventional sources, and includes beneficial rhizosphere bacteria to boost biological soil fertility. Healthy Turf™ 8-1-9 is manufactured as homogeneous mini granules that penetrate easily through the turf canopy. It provides rich organic material and active rhizosphere bacteria to depleted soils.

**Natural Based Fertilizer with Beneficial Bacteria for Turfgrass and Lawns**

### DIRECTIONS FOR USE:

**Top dressing fertilizer:** Apply as a top dressing by hand or by using a spreader. Reapply every 6 to 8 weeks. Specific application rate is based on the amount of nutrient desired. Consult the chart below for three rate level options. Follow any fertilizer restrictions in your area.

APPLICATION RATES	
Rate	Coverage
Pounds of Roots® Healthy Start 8-1-9 per 1,000 sq. ft.	Pounds of Nitrogen and soluble Potash delivered per 1,000 sq. ft.
12 pounds	1 pound
6 pounds	1/2 pound
3 pounds	1/4 pound

**Seed/Sod installation:** Apply one 50 pound bag per 4,000 square feet before installing sod or after seeding.

**Maintenance:** Apply every 6 to 8 weeks.

### HEALTH AND SAFETY:

In case of allergic reaction(s), treat symptoms and contact physician. In case of ingestion, seek medical attention.

Wash hands after handling.

Persons with severely suppressed immune systems should contact their physician before handling ordinary microbial products.

### WARNING.

Keep away from heat/sparks/open flames/hot surfaces. No smoking

Keep/Store away from clothing and combustible materials.

Take any precaution to avoid mixing with combustibles.

Wash hands and exposed skin thoroughly after handling.

Wear protective gloves/protective clothing/eye protection/face protection.

If in eyes, rinse cautiously with water for several minutes. If eye irritation persists: seek medical attention.

Use water, foam, CO<sub>2</sub>, or dry powder for extinction.

IF SWALLOWED: Rinse mouth, immediately call a POISON CENTER or doctor/physician.



### KEEP OUT OF REACH OF CHILDREN.

**STORAGE:** This product is stable in cool, dry storage conditions.

**TECHNICAL ASSISTANCE:** For technical assistance, call 1-800-233-1067.

### 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.

Not labeled for use on food crop sites.

Not for use in organic crop and food production.

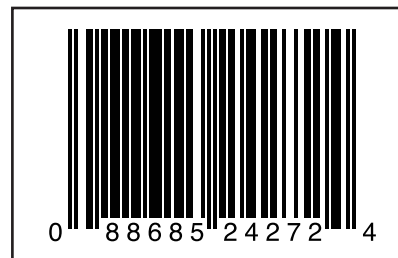
Expiration Date:



For technical assistance and information about our products visit [www.LebanonTurf.com](http://www.LebanonTurf.com)

GUARANTEED ANALYSIS	
<b>Total Nitrogen (N)</b> .....	<b>8%</b>
0.4% Ammoniacal Nitrogen	
1.4% Nitrate Nitrogen	
6.2% Water Insoluble Nitrogen*	
<b>Available Phosphate (P<sub>2</sub>O<sub>5</sub>)</b> .....	<b>1%</b>
<b>Soluble Potash (K<sub>2</sub>O)</b> .....	<b>9%</b>
Derived from: Meat and Bone Meal, Feather Meal, Kelp Meal, Potassium Nitrate, Sulfate of Potash. *6.2% Slowly available nitrogen from meat and bone meal, feather meal.	
<b>ALSO CONTAINS NON PLANT FOOD INGREDIENTS</b>	
<b>SOIL/PLANT AMENDING INGREDIENTS</b>	
<b>Active Ingredients</b>	
<b>Rhizosphere Bacteria</b> .....	400,000 cfu /g
95,000 cfu/g <i>Bacillus licheniformis</i>	
95,000 cfu/g <i>Bacillus megaterium</i>	
10,000 cfu/g <i>Bacillus polymyxa</i>	
95,000 cfu/g <i>Bacillus pumilus</i>	
95,000 cfu/g <i>Bacillus subtilis</i>	
10,000 cfu/g <i>Paenibacillus azotofixans</i>	
Humic acids (derived from Leonardite) .....	0.9%
Maltodextrin (Bacterial carrier) .....	0.1%
<b>INERT INGREDIENTS</b> .....	<b>99.2%</b>
98.4% Fertilizer Ingredients	
0.6% Leonardite (other than humic acids)	F699

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



**Net Wt: 50 Lb (22.7-kg)**

Manufactured by: Lebanon Seaboard Corporation • 1600 E. Cumberland St. Lebanon, PA 17042 • Made in the USA • [www.LebanonTurf.com](http://www.LebanonTurf.com) • 800-233-0628 • (717) 273-1685

Roots® is a registered trademark of Lebanon Seaboard Corporation.

27-24272 C/17