



Better...naturally®  
Rhizogen®

Medium Grade

# Ag-LIFE® 4-4-4

**Ag-LIFE 4-4-4** contains 100% organic ingredients to fuel microbial metabolic nutrient cycling. Consists of Rhizogen's base ingredient nutrient fertilizer with beneficial microbes for enhanced nutrient cycling and organic mineralization. Scientifically granulated into a patented high performance product.

This product is intended for use according to an approved organic system plan.



**GUARANTEED ANALYSIS**

Total Nitrogen (N) .....	4.0%
0.64% .....	Water Soluble Nitrogen
3.36% .....	Water Insoluble Nitrogen*
Available Phosphate (P <sub>2</sub> O <sub>5</sub> ) .....	4.0%
Soluble Potash (K <sub>2</sub> O) .....	4.0%
Calcium (Ca) .....	9.0%
Sulfur (S).....	1.5%
1.5% .....	Combined Sulfur (S)
Iron (Fe).....	0.2%
0.008% .....	Soluble Iron (Fe)

Derived from composted poultry manure, feather meal, sulfate of potash and leonardite.

\*3.36% slowly available water insoluble nitrogen from composted poultry manure and feather meal.

**ALSO CONTAINS NON-PLANT FOOD INGREDIENTS**

5% Humic acid (from leonardite)

**Contains 4,000,000,000 total colony forming units (CFU's) per Lb**

<i>Bacillus laterosporus</i>	1.26 x 10 <sup>6</sup> cfu/gm
<i>Bacillus firmus</i>	1.26 x 10 <sup>6</sup> cfu/gm
<i>Bacillus chitosporus</i>	1.26 x 10 <sup>6</sup> cfu/gm
<i>Bacillus coagulans</i>	1.26 x 10 <sup>6</sup> cfu/gm
<i>Bacillus megaterium</i>	1.26 x 10 <sup>6</sup> cfu/gm
<i>Paenibacillus azotofixans</i>	1.26 x 10 <sup>6</sup> cfu/gm
<i>Paenibacillus macerans</i>	1.26 x 10 <sup>6</sup> cfu/gm

**RECOMMENDED DIRECTIONS FOR USE**

**FOR BEST RESULTS INCORPORATE FERTILIZER INTO THE SOIL**

ORNAMENTALS	APPLICATION RATES		TOPDRESSING						
	Container Size		1 gallon	2 gallon	3 gallon	5 gallon	7 gallon	10 gallon	15 gallon
	<b>LOW RATE</b> (grams)		56 grams	112 grams	169 grams	225 grams	338 grams	413 grams	450 grams
<b>HIGH RATE</b> (grams)		112 grams	225 grams	356 grams	488 grams	731 grams	881 grams	938 grams	
VEGETABLES	APPLICATION RATES		INCORPORATION			LANDSCAPE			
	<b>LOW RATE:</b> (for heavy substrates with porosity < 60%)		30 lb. per cubic yard of media			49 lb. per 1000 sq. ft.			
	<b>MED RATE:</b> (for most nursery stock and foliage plants)		45 lb. per cubic yard of media			86 lb. per 1000 sq. ft.			
	<b>HIGH RATE:</b> (for light substrates with porosity > 80%)		56 lb. per cubic yard of media			124 lb. per 1000 sq. ft.			
TREES & PALMS	Rate based on 1" of trunk diameter (caliper). Example: for 10" trunk diameter (caliper) multiply label rate by 10.		<b>INCORPORATION</b> Mix product with soil in the bottom of holes before transplanting.			<b>BROADCAST</b>			
			Apply 6.0 lb. at Transplanting			Apply 12.0 lb. at Transplanting			
TURF	NATURAL AREAS	LAWNS	GOLF COURSE APPLICATION RATES						
	<b>MED:</b> 19 lb. / 1000 sq ft. (.75 lb. N)	<b>HIGH:</b> 25 lb. / 1000 sq ft. (1.0 lb. N)	<b>LOW:</b> 12.5 lb. / 1000 sq ft. (.50 lb. N)	<b>MED:</b> 19 lb. / 1000 sq ft. (.75 lb. N)		<b>HIGH:</b> 25 lb. / 1000 sq ft. (1.0 lb. N)			

Irrigate after application. Set spreader rates according to manufacturer's specifications. Fertilizer rates may vary according to geographic region. Consult university or extension personnel for rates that fit your geography and are within maximum allowable limits for nutrient or non-nutrient components. Store unused portion in cool, dry place. Avoid contamination of any surface water. **EXPIRATION DATE:** 24 months from manufacturing date (see top panel for manufacturing date). Available in 2000 lb. totes (907.18 kg), 50 lb. bags (22.68 kg) or bulk.

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

**FOR FLORIDA:**

- Rhizogen recommends that you follow the Golf Course BMP's:  
<http://www.dep.state.fl.us/water/nonpoint/docs/nonpoint/gffbmp07.pdf>
- Rhizogen recommends that you follow the Green Industries BMP's:  
[http://www.dep.state.fl.us/water/nonpoint/docs/nonpoint/BMP\\_Book\\_final.pdf](http://www.dep.state.fl.us/water/nonpoint/docs/nonpoint/BMP_Book_final.pdf)

**GUARANTEED BY RHIZOGEN:**  
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[www.rhizogen.com](http://www.rhizogen.com)  
U.S. Patents 6,878,179, 7,044,994 & 7,442,224

**Net Weight: 50 lb.**

