



## Soil

### GROWMATE® SOIL PRODUCT BULLETIN

#### GENERAL INFORMATION

GrowMate® Soil is recommended for most crops including vegetable crops, field crops, citrus, turf, flowers grown in green-houses, hydroponics and particularly soils with less than 4% organic matter. GrowMate® Soil is an all natural, highly-effective liquid soil conditioner, rich in humic acids designed for soil application. Humic Acids are a fraction of humic substances, they are soluble in water under alkaline pH conditions, and they precipitate in acid and are dark in color.

#### BENEFITS OF GROWMATE® SOIL

Enhances absorption of nutrients.  
Improves plant fertilizer use efficiency.  
Improves water infiltration & retention.  
Improves root growth and development.

Does GrowMate® Soil replace fertilizer? GrowMate® Soil is not intended to replace fertilizers: however, it is an excellent complement to fertilizers. GrowMate® Soil will optimize your fertilizer program by the benefits listed above.

#### METHODS AND RECOMMENDATIONS OF PREPARATION AND APPLICATION

Before using GrowMate® Soil, shake the bottle well and mix the product with water accordingly (see table). Pour the product to be used into a bucket and mix well with water. The product is easy to apply and safe to use in all types of irrigation systems and liquid application sprayers.

Use the following guidelines for your coverage area:

Coverage area (sq.ft.)	GrowMate® Soil	Water
1,000	4 TBS (2 oz)	1/4 (gallons)
2,500 - 3,000	1/3 (gallons)	5 (gallons)
5,000 - 7,000	1/2 (gallons)	10-15 (gallons)
10,000 - 15,000	1 (gallons)	15-20 (gallons)

#### USAGE WARNINGS

This product should not be ingested and contact with eyes must be avoided. In case of contact with eyes, flush with water. The use of protective equipment (industrial lenses) is suggested. May cause skin irritation.

#### TRANSPORTATION AND STORAGE RECOMMENDATIONS

Store in a cool dry place at temperatures between 45°F (7°C) and 100°F (38°C). Do not store in direct sunlight. Keep it tightly closed in its original packaging.

#### GUARANTEED ANALYSIS

Humic Acids 1.44%  
(Humic Acid Derived From Leonardite)  
Method of analysis: JAOAC 97(3):721-730 (2014)  
HPTA approved standard analysis method.

Humic Acids 1.50%  
(Humic Acid Derived From Leonardite)  
Method of analysis: CDFA

Humic Acids 16%  
Inert Components 84%  
(Humic Acid Derived From Leonardite)  
Method of analysis: 4 Real

#### CONDITION OF SALE/WARRANTY

Manufacturer's and Seller's obligation is limited to the replacement of products due to defective quality only. Neither Seller or Manufacturer shall be liable for damages directly or consequently arising from the use of this product. All suggestions or directions made herein are based upon our experience and are believed to be accurate. No other guarantee or warranty is made or implied by contract, statute, common law, merchantability, fitness, for a particular purpose or otherwise, as conditions and methods of the use of products are herein described are variable (e.g. weather etc.), and beyond our control. This information and any products are provided on the conditions that the user will evaluate them for himself, as well as, any recommendations to determine their suitability for his own purposes before adoption.

\*GrowMate® products are compatible with most phytosanitary, fertilizer/nutritional products and herbicides, except those with low pH (between 2 and 3) or very high pH (9 and above).

**\*ONLY OPEN BEFORE USING.**

