



# O.M. HUMUS

## HUMIC SOIL SUPPLEMENT



### About O.M. Humus

O.M. Humus is sustainably harvested from a **single source** deposit located in the United States. O.M. Humus is composed of a lignin based, macro-molecule that has numerous available receptor sites coupled with a powerful base attraction. This combination of properties acts like a super-magnet in the soil (or nutrient solution) bonding fertilizers, pesticides and fungicides, thus reducing volatilization and leaching of immediately available products. Perfect for low C.E.C. conditions! O.M Humus is completely stable ( 26:1 Carbon to Nitrogen ratio) so there is never a concern that you will be robbing your valuable plants of necessary nutrients by applying immature "compost".

### Applications

- O.M. Humus has shown incredible results in a variety of agricultural and horticultural applications.
- Used as a side dress in agriculture at rates as low as 300 lbs. per acre
- 3- 5% is adequate when blending into horticultural mediums
- Turf professionals top dress this material at 10-15 lbs. per 1000 sq ft, twice annually.
- Used as a planting & installation aid by leading nurseries and landscape companies.
- Top-dressed on container material promotes improved performance over standard soil-less medias.
- "Activate" BioChar with 2% O.M. Humus.

### Functions

- Nitrogen and Carbon Fixation
- Root Colonization by producing Biofilms
- Production of Plant Growth
- Promoting Enzymes
- Phosphate and Potassium Solubilization
- Provides Inorganic Nitrogen to Plants
- Production of Biosurfactants to degrade Synthetic contaminants

### Benefits

- Reduced Fertilizer applications
- Increases Water Holding Capacity
- Improved nutrient uptake
- Enhanced germination
- No waste streams are blended in
- Reduces Transplant Shock
- Strengthens Root Systems
- Provides Carbon to Resident Biology
- Chelating Agent for Nutrients
- Aids Recovery from Environmental Stresses
- 25 - 30% moisture content with a pH of 4.8.

### Composition

- Active Carbon
- Beneficial Bacteria
- Fulvic Acid
- Beneficial Fungi
- Organic Matter
- Macro & Micro Nutrients
- Humus





## Directions

- Use as a component of planting media.
- Use to top dress established, container plants.
- Use as a planting amendment for annuals, perennials, trees, shrubs and bulbs.
- Use as an amendment for turf and sod establishment.
- Top dressed on turf after core aeration.
- Apply to row crop applications as a stand alone product or blended with compost and amendments before application.
- Use to amend thermal compost, vermicompost and biochar.

## Recommended rates

**Planting media:** Blend at 2%-4% of total volume of media.

**Containers:** Top Dress bi-monthly with 4 ounces O.M. Humus per gallon size container.

**Turf Top Dress:** Spread at 10#-15# per 1000 sqft in the Spring and Fall after core aeration. Pasture: 300#-500# per acre in the Spring and Fall.

**Row crops and Vineyards:** Spread 300# per acre in the Spring and Fall.

Blend with compost, amendments or fertilizers for streamlined applications and reduced dust from dry input.

## Safety

Wear safety glasses with side shields or goggles when handling product. Avoid breathing dust. Wash face, hands, and exposed skin thoroughly after handling. Do not eat, drink, or use tobacco products when handling this product.

## Warranty

Seller warrants that the product conforms to its chemical description and is reasonably suited for the purpose stated on the label when used in accordance with directions under normal conditions of use; but neither this warranty nor any other warranty of merchantability or fitness of a particular product expressed or implied, extends to the use of this product contrary to label conditions, or under conditions not reasonably foreseeable to the seller; and buyer assumes the risk of any such use.

## Packaging options include:

ITEM #	Product Name	Size Weight Pack	Case Pack	Avg. Gross Weight	Pallet Ship Weight	ti x hi	Case Dimensions			Case Cube
							Length (in.)	Width (in.)	Height (in.)	
ECO AH 0025	O.M. HUMUS	1 cu ft (33#) compostable box	1	25 lbs.	950 lbs.	36 bucket/ pallet 12 x 3	12"	12"	16"	1.34
ECO AH 0040	O.M. HUMUS	40 lb. Bag	50	40 lbs.	2050 lbs.	50 bags/ pallet 5 x 10	25"	19"	4"	1.1
ECO AH 2000	O.M. HUMUS	2000 lb. Super Sack	2	2000 lbs.	2050 lbs.	1 supersack/ pallet 1 x 1	46"	46"	46"	64