



Hum-Amend

Leonardite Coated with Soluble Humate

Analysis:

Total Humic Acids85%
Soluble Humic Acids10%

TeraVita Hum-Amend is an organic soil amendment comprised of granular leonardite that is uniquely coated with soluble humate. The soluble humates are immediately available for soil reactions while the granular leonardite provides a long term source of “slow-release” humic acids. *Leonardite and soluble humate are not plant foods.*

Application Rate: Apply 5 to 10 pounds per 1,000 square feet once or twice per year. For regular maintenance, **Hum-Amend** may be applied directly to the soil, turf, or over top of ground covers. For new beds, **Hum-Amend** may be tilled into the upper 6 inches prior to planting or broadcast onto the soil prior to mulching. It may be applied alone or mixed with granular fertilizers and soil amendments.

L-85

Granular Raw Leonardite

Analysis:

Humic Acids in Natural Insoluble State85%

L-85 is used for direct soil application to help improve the organic matter content of soils and to introduce valuable carbon to the soil. As Leonardite is completely decomposed it does not compete with plants for nutrients that are consumed by micro-organisms as can happen with unfinished compost. To obtain immediate results use with soluble humate products. *Leonardite is not a fertilizer.*

Application Rate: Apply 10 to 20 pounds per 1,000 square feet once or twice per year. For regular maintenance, **L-85** may be applied directly to the soil, turf, or over top of ground covers. For new beds, **L-85** may be tilled into the upper 6 inches prior to planting or broadcast onto the soil prior to mulching.

Benefits of TeraVita® Humates

BIOLOGICAL BENEFITS:

- Stimulates plant enzymes
- Acts as an organic catalyst
- Stimulates growth and proliferation of desirable soil microorganisms (algae, bacteria, fungi, etc)
- Increases root respiration and formation
- Increases the availability of micronutrients
- Increases the permeability of plant membranes, which increases the uptake of nutrients
- Increases the vitamin content of plants
- Increases the viability and germination of seed
- Accelerates cell division and root development
- Contains a wealth of micro-elements such as Si, Fe, Mg, S, Ba, B, Mn, Co, Ni, Ti, Mo, Cu, Pb, and more
- Increases photosynthesis in plants
- Contains soluble silicon. Silicon strengthens cell walls, helps block disease invasion and helps plants maintain more uniform cell temperature, which increases drought and frost tolerance

CHEMICAL BENEFITS:

- Increases buffering properties of soil
- Rich in both organic and mineral substances essential to plant growth
- Retains nutrients in the root zones and releases them to plants when needed
- Extremely high CEC (cation exchange capacity)
- Promotes the conversion of insoluble nutrients into forms available to plants
- Reduces or eliminates many soil-related phenomenon, such as dry spots on golf greens

PHYSICAL BENEFITS:

- Makes soil more friable and crumbly
- Improves soil workability
- Increases aeration of soil
- Reduces thatch build-up in turf grasses
- Increases water holding capacity

NOP (National Organic Program) products are approved for certified organic uses.



ALL NATURAL
turf products

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