



**STERLING
AGRICULTURE**
— FEED WHAT YOU NEED —

**The Only Known Organic Compost
to Guarantee its Soil Microbes by
Species and CFU.**

...getting back to the roots

9-om

HIGH ORGANIC MATTER COMPOST WITH SOIL INOCULANTS.

**Sterling Agriculture, Inc. unique 9-OM all purpose
compost is simply the new 'Gold Standard'**

- Made on a 300-acre ranch in Florida from fruits, vegetables, grass clippings and shredded orange trees in the most optimal FL environment for decomposition.
- Aged 5 years and turned every single day by (3) CAT D9T heavy dozers that have a 21-cu yd blade capacity.
- ORGANIC MATTER APPROX. 270 to 330 Pounds of Nitrogen per Acre.
- Inoculated with soil microbes for optimized mineral exchange and plant health.
- Independent 3rd Party Lab Report available upon Request.

★ Guaranteed Analysis = 250 Billion CFU / LB

**THE DIVERSENESS OF 9-OM's
PROPERTIES:**

9 GREAT BENEFITS

- Nitrogen Rich Organic Compost
- Soil Inoculant
- Soil Conditioner
- Soil Penetrant
- Moisture Retention
- Nutrient Retention
- High CEC properties
- pH Buffer
- Increase Yield and Health

MAIN ADVANTAGES:

- Improves soil structure and porosity – creating a better plant root environment.
- Increase moisture infiltration, permeability, and reduces bulk density of heavy soils – improving moisture infiltration rates and reducing erosion and runoff.
- Improves the moisture holding capacity of light soils – reducing water loss and nutrient leaching, and improving moisture retention
- Improves the cation exchange capacity (CEC) of soils
- Aids the proliferation of soil microorganisms
- Supplies beneficial microorganisms to soils and growing media while promoting vigorous root growth
- Allows plants to more effectively utilize nutrients, while reducing nutrient loss by leaching
- Enables soils to retain nutrients longer
- Contains humus – assisting in soil aggregation and making nutrients more available for plant uptake
- Buffers soil PH

BACTERIA & FUNGI: 250 BILLION CFU/#

Bacillus Licheniformis – facultative anaerobe, releases soil bound nutrients

Bacillus Subtilis – facultative anaerobe, releases soil bound nutrients, very good enzyme producer

Bacillus Pumilus – releases soil bound nutrients, growth promoter

Bacillus Amyloliquefaciens – facultative anaerobe, releases soil bound nutrients, very good enzyme producer

Bacillus Megaterium – very fast grower, releases soil bound nutrients (especially phosphorous)

Bacillus Simplex-Bacillus Simplex has a plant growth promoting rhizobacterium shown to synthesize anti-fungal peptides. This ability has lead to the use of B. Simplex in biocontrol. B. Simplex has been shown to increase crop yields.

Pseudomonas Putida-Induces plant growth and protects the plants from pathogens.

Streptomyces Lydicus-It belongs to the largest antibiotic-producing genus in the microbial world. Root colonizing bacteria that protects and mobilizes nutrients, esp iron.

Trichoderma Harzianum-is a fungus that is also used as a fungicide.

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