




SOIL
HEALTH

BIOCOMPOST SOIL ENERGY

Microbial decomposition of all animal manures, landfill, green wastes and crop and rice residues



Biocompost Soil Energy is a premier blend of high concentrate specialty microorganisms that accelerate the decomposition of all animal manures and green waste to form a stable and odor free end product



Manure windrow treated with
BIOCOMPOST Soil Energy



Manure static pile treated with
BIOCOMPOST Soil Energy

BIOCOMPOST Soil Energy forms a Stable and Valuable Microbial Biofertilizer

Cattle manure



Poultry manure



Pig manure



Sugarcane



BIOCOMPOST Soil Energy actively decomposes cattle, chicken, pig and green waste like sugarcane into a biofertilizer filled with NPK, nutrients and beneficial microorganisms.



Biocompost Soil Energy is the backbone of any stable and valuable Microbial Biofertilizer

The blend of pig, cattle and chicken manure become decomposed and will release essential nutrients and NPK. The sugarcane and green waste material are also degraded by cellulose and lignin degrading enzymes of the bacteria. Bacteria are able to degrade all of materials and BIOCOMPOSTs into a fine and earthy smelling fertilizer that can be added to any crop field.

BioFertilizer product will contain:

NPK

Micronutrients (N, P, K, Ca, S, Mg)

Macronutrients (Mn, B, Cu, Zn, Fe)

Humic acid

Beneficial bacteria, fungi, yeast



Apply to all crops at 2,000 – 4,000 Lbs/hectare (908kg-1,816kg/ha).



Biocompost Soil Energy Application Treatment Rates



Animal Manures, Green Waste, Landfill Waste, Compost

2-4 liters/cubic yard of manure

Crop Residue – Corn, Rice, Soybean, Hay, Wheat, General Crop Residue

4 liters/hectare

Blend Biocompost Soil Energy in enough water for thorough coverage

Biocompost Soil Energy

Spray Application onto Dry Fertilizers



Spray application of liquid microbials onto dry fertilizers, amendments, soils and mulches provides significant microbial biodiversity and converts fertilizers into valuable biofertilizers



Spray application of BIOCOMPOST Soil Energy onto BIOCOMPOST piles



Liquid spraying of beneficial bacteria onto BIOCOMPOSTs and fertilizers is easy and reliable

Crop Residue Degradation

Biocompost Soil Energy accelerates the breakdown of all crop residue and stover that includes rice, corn, soybean, hay, wheat and grasses



Biocompost Soil Energy degrades crop residue like corn, rice, hay and grasses



Corn field treated with Biocompost Soil Energy decomposed residue by >95%

Breakdown of Field Residue

Rice, Corn, Hay, Soybean and Wheat Residue cause massive problems for the grower because of the coarse and abrasive residue leftover in the field.

- Many times coarse residue will puncture holes in the tires of field equipment



Biocompost Soil Energy

Product Specs

Product	BIOCOMPOST Soil Energy
Packaging	<ul style="list-style-type: none"> • 300-Gallon/1135 Liter IBC Tote
Solubility	Readily blends with liquid solutions
Application Rates	2 liters/cubic yard (animal manures); 4 liters/hectare (crop residue)
Concentration	2 Trillion CFU/Gallon
Density	Density = 1.15 g/l
Microorganism Metabolism	Facultatively Anaerobic Microorganisms
Enzyme Production	Heavy enzyme producers <ul style="list-style-type: none"> • Protease • Cellulase • Lipase • Urease • Amylase • Nitrate Reductase • Hydrocarbon degradation enzymes • Chemical and pesticide degradation enzymes • Ammonia and H₂S degradation

A photograph of a green pea pod with several peas inside. One pea is highlighted with a circular orange glow and a thin orange line extending downwards.

Biocompost Soil Energy Product Benefits

Product Benefits

Reduces composting Time

Accelerates Crop Residue Decomposition

Controls and Eliminates Fecal Coliforms and Salmonella

Stabilizes Animal Manures and Produces Valuable Biofertilizers

Lower COD

Reduce Suspended Solids

Control Odor

Lower FOG

Reduce Wastewater Sludge Volume

Control H₂S

Reduce surfactants/chemicals

Biocompost Soil Energy Microbial Performance

