

# actosol®

**Organic Biostimulant Plus Fertilizer**

## **Agriculture**

*Increases yields & quality of crops, vegetables, & fruits*

## **Horticulture**

*Grows healthy ornamentals, shrubs, & trees*

## **Turf**

*Establishes superior turf & deep roots*

*Improves soils & ecological balance with humic matter*



**SCDOT**

South Carolina Department of Transportation

**OMRI™**

**Listed**

Organic Materials Review Institute



# actosol®

Comprises of organic humic & fulvic acids from naturally occurring humate rich coals. Humic & fulvic acids are the active components of soil organic matter, which is a must for maintenance of fertility of soils & growth of all kind of plants.

## HOW DOES **actosol®** PROVIDE BENEFITS?

### Physical

- Increases moisture holding capacity
- Improves soil tilth & infiltration of compacted soils

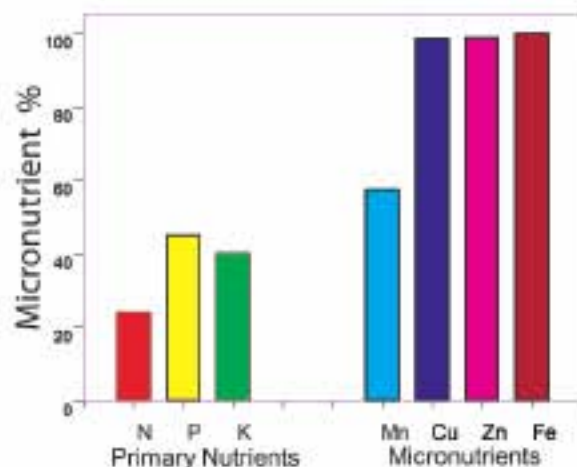
### Chemical

- Increases cation exchange capacity & chelation of plant nutrients
- Improves photosynthesis
- Converts phosphorus into plant available form
- Improves buffering properties of soils
- Increases water uptake in high salinity soils by modulating osmotic pressure

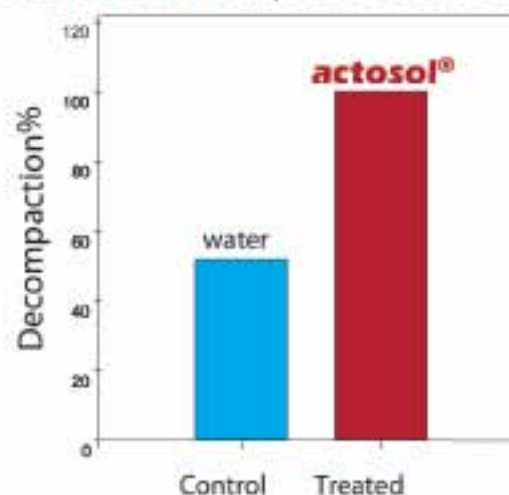
### Biological

- Accelerates plant cell division & promotes growth
- Stimulates hormonal activity
- Stimulates growth & proliferation of soil microorganisms
- Aids in photosynthesis

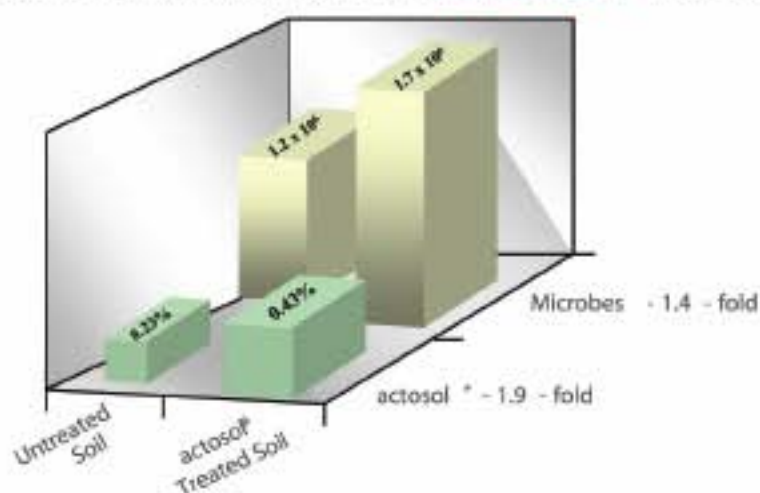
Primary and micronutrients are bound to **actosol®**



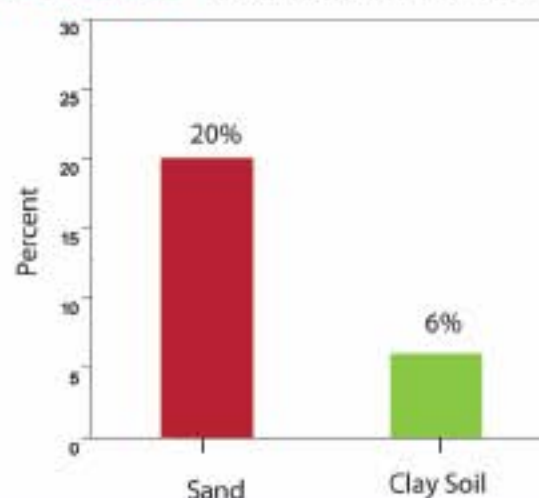
**actosol®** improves soil structure



Microbial Counts are higher in **actosol®** treated soils



**actosol®** increases water holding capacity





# actosol<sup>®</sup> in Action

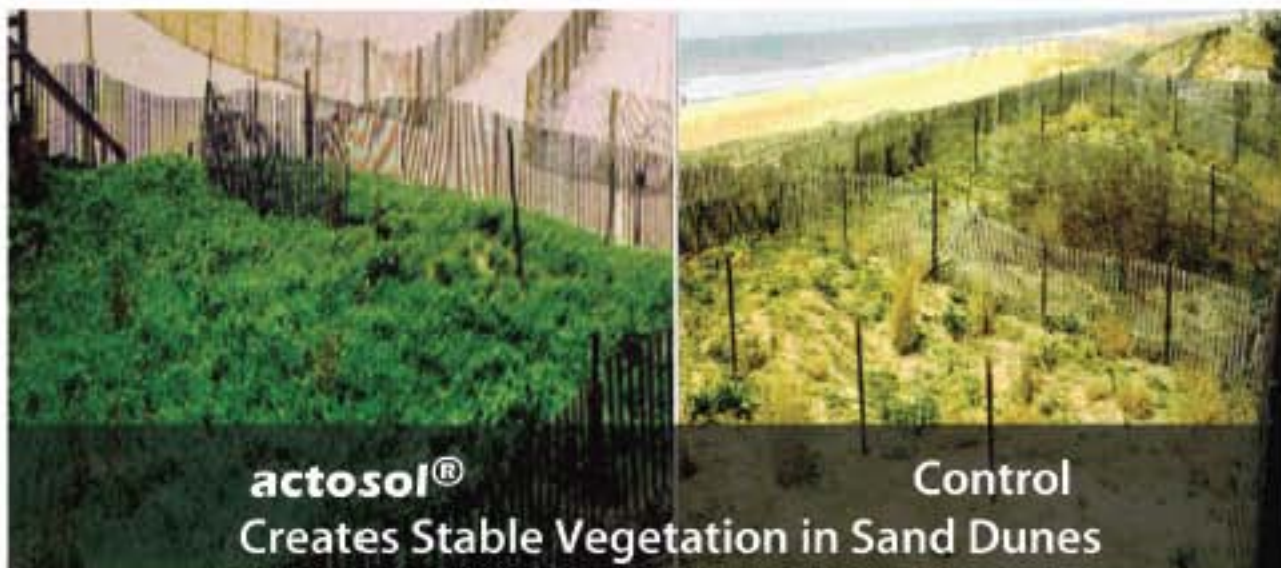
## Agricultural Applications



## Horticultural Applications



## Turf Applications





# actosol<sup>®</sup> Commercial Products

Bio-activated Base **actosol<sup>®</sup>**

*activated with Organic Humic & Fulvic Acid*

Calcium **actosol<sup>®</sup>**

*plus Ca*

Horticulture **actosol<sup>®</sup>**

*with 10-10-10 NPK*

Turf Booster **actosol<sup>®</sup>**

*with 20-5-5 NPK*

Micronutrient **actosol<sup>®</sup>**

*with Fe, Mn, & Mg*

Nutrient **ENHANCER**

*Impregnation / Coating of Granular Fertilizer & Seeds*



## Worldwide **actosol<sup>®</sup>** Applications

### United States

Erosion Control  
Landfill Closure  
Landscaping  
Horticulture  
Sand Dunes  
Floriculture  
Agriculture  
Sod Farms  
Nurseries

### Gulf Countries & Egypt

Orange Groves  
Rhodes Grass  
Watermelons  
Cucumbers  
Date Trees  
Onions  
Grapes  
Alfalfa

### South Korea

Greenhouses  
Golf Courses

### Mauritius

Horticulture  
Sugar Cane



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