

# actosol®

The Gold Standard of Humic Products

## Agriculture

Increase 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



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

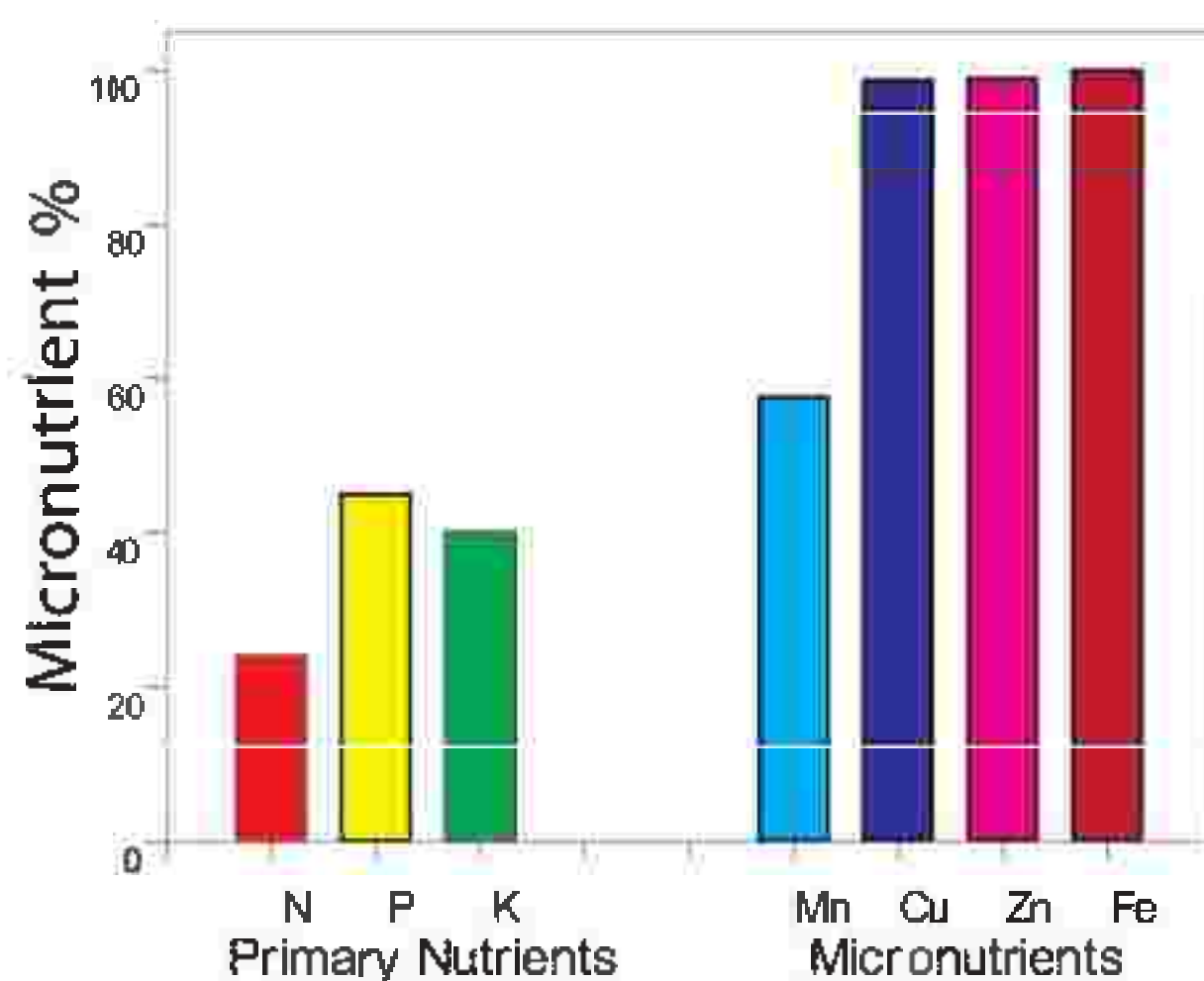
### Chemical

- 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

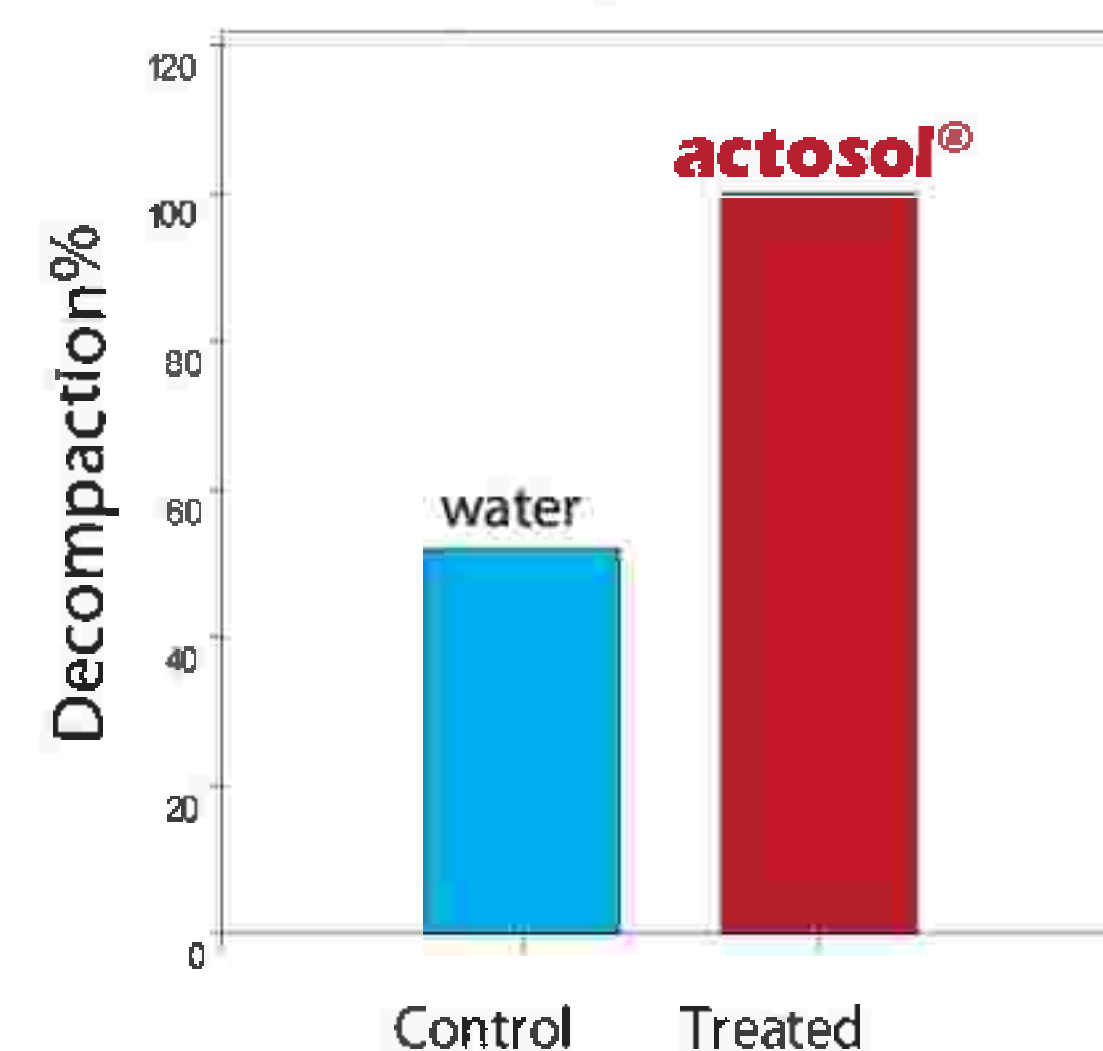
### Biological

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

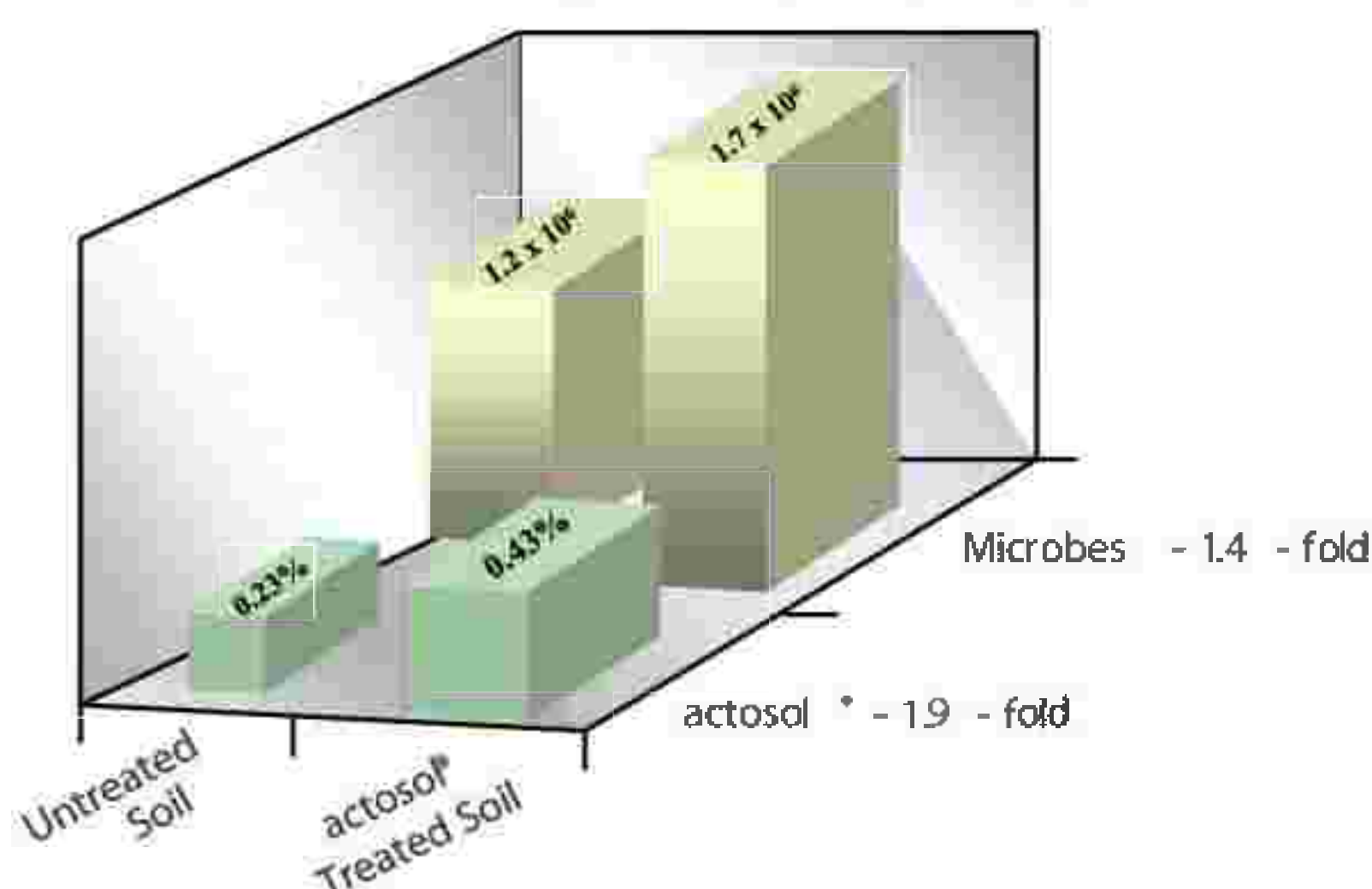
Primary and micronutrients are bound to **actosol®**



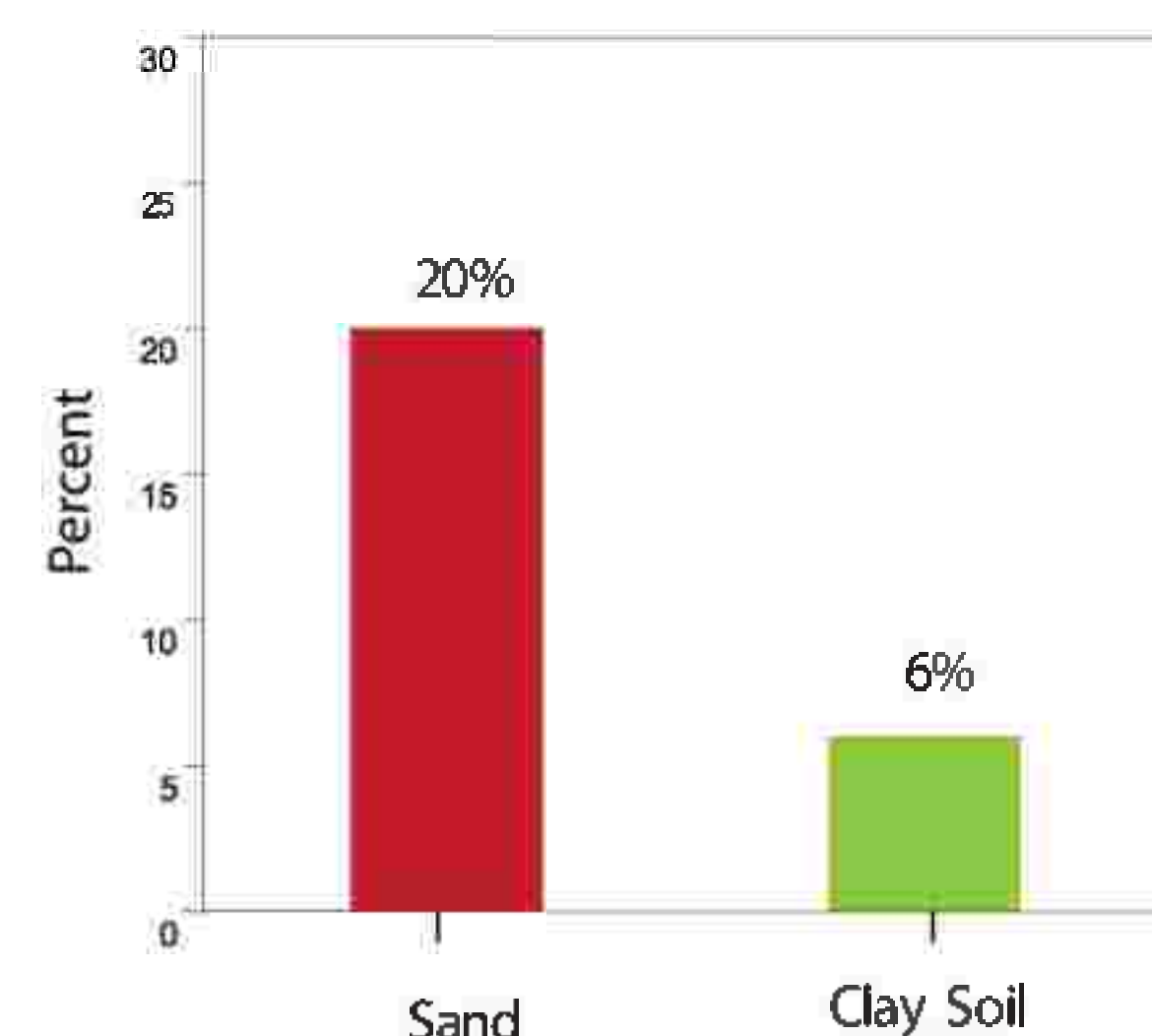
**actosol®** improves soil structure



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



**actosol®** increases water holding capacity



# actosol<sup>®</sup> in Action

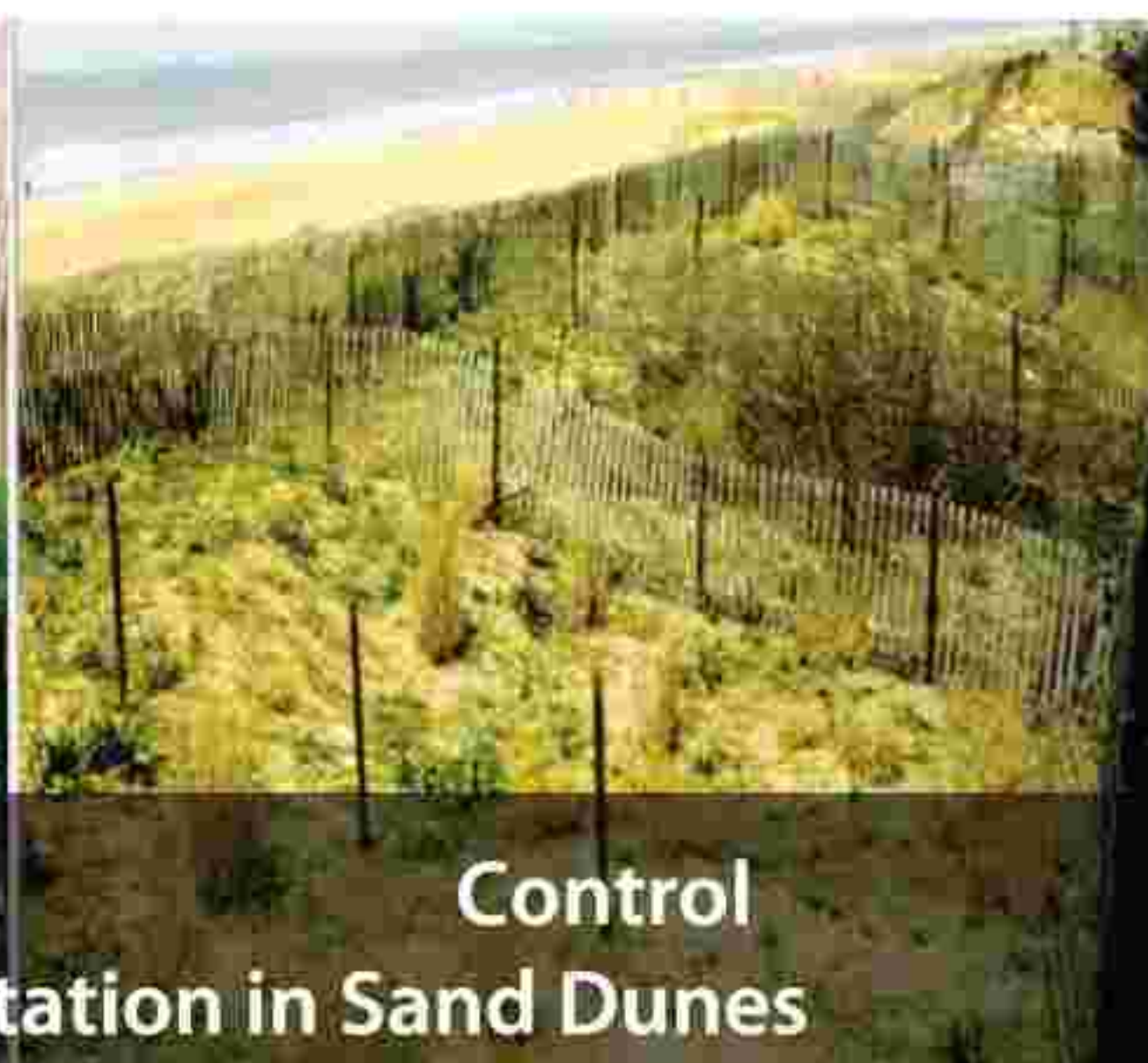
## Agricultural Applications



## Horticultural Applications



## Turf Applications



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

**Bio-activated Agro **actosol**<sup>®</sup>**  
*activated with Organic Humic & Fulvic Acid*



**Micronutrient **actosol**<sup>®</sup>**  
*with Fe, Mn, & Mg*

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

