

# *actosol*®

## *Humate Fertilizer*

- **Increases yields of crops, vegetables and fruits**
- **Produces superior turf and deep roots**
- **Enhances uptake of fertilizers**
- **Replenishes depleted soils**
- **Promotes ecological balance**

OMRI Listed

USDA approved



# HUMATE

Humates are naturally occurring deposits in soil. They are the key ingredients in all **actosol®** products.

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

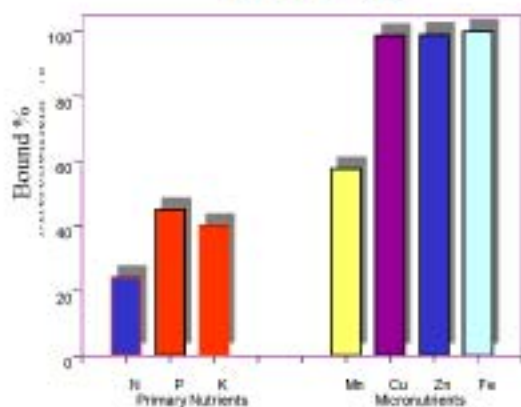
- By enhancing soil structure and fertility;
- By efficient transfer of fertilizer nutrients and micronutrients because of the high chelation and cation exchange properties of the active humate components of **actosol®**;
- By increasing moisture holding capacity of soil;
- By increasing microbial activity in the soil; and
- By enhancing plant cell biomass.



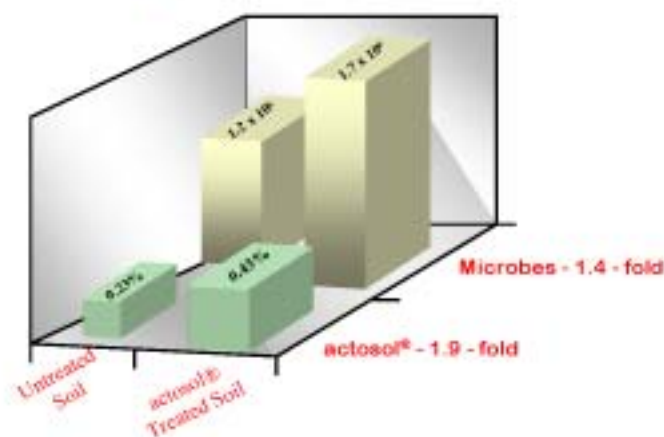
## APPLICATIONS OF **actosol®**

- Agriculture
- Floriculture
- Mine/Landfill reclamation
- Road/Highway erosion control
- Horticulture
- Turf Management/Maintenance
- Dune stabilization
- Hydroseeding

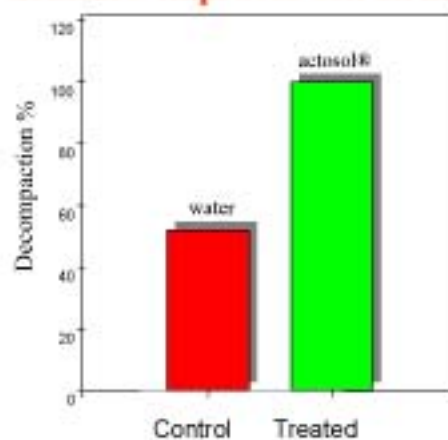
**Primary and micronutrients are bound to **actosol®****



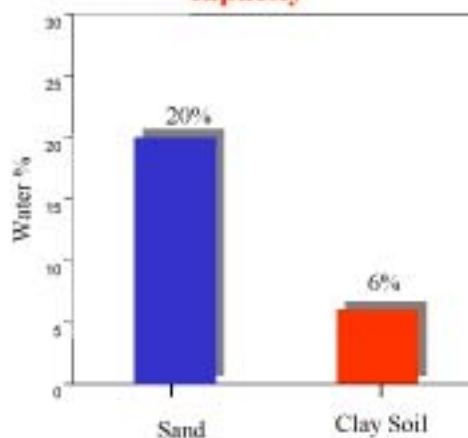
**Microbial counts are higher in **actosol®** treated soils**



****actosol®** improves soil structure**



****actosol®** increases water holding capacity**



# Magic of actosol®

## Turf

actosol® creates vegetation in sand dunes

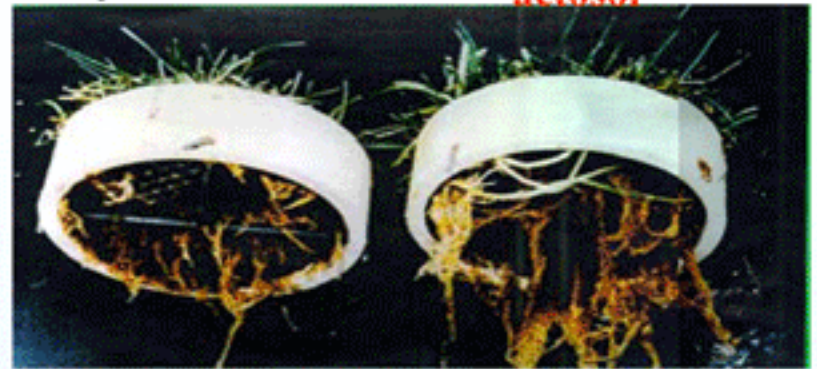


Ocean City, MD

hydroseed mix

hydroseed mix plus

actosol®



6 weeks growth, Virginia Tech., testing

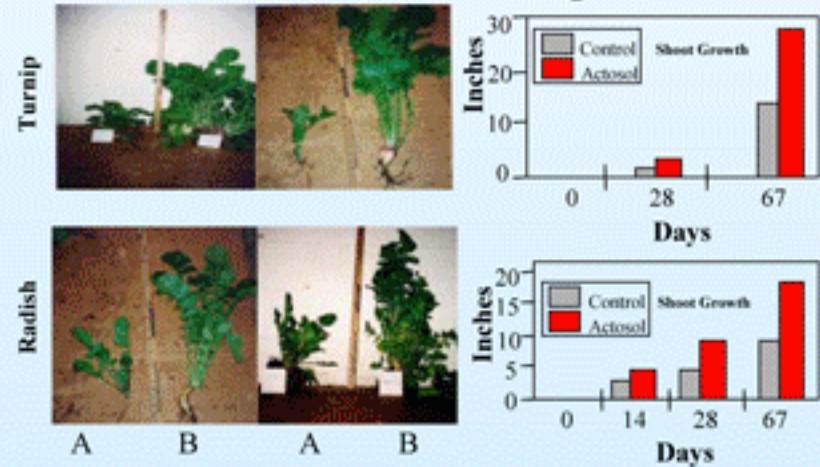
## Floriculture

actosol® brightens flowers



## Horticulture

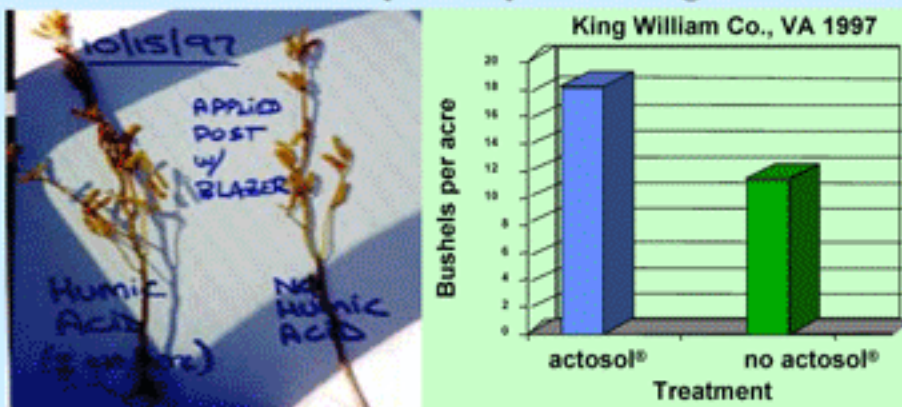
actosol® miracle on vegetables



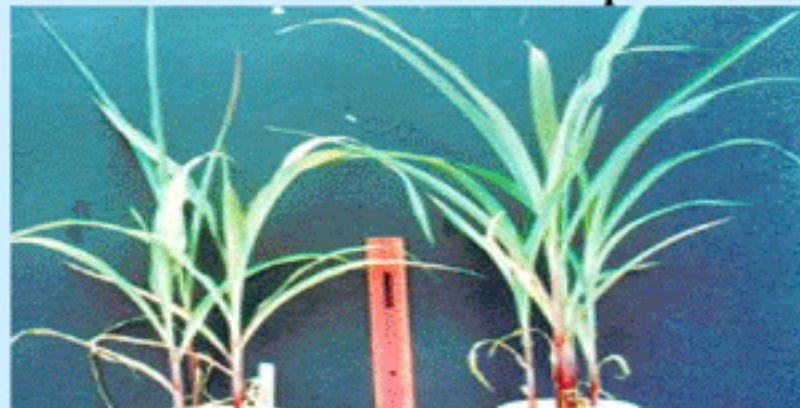
A - Standard Garden (20-20-20) B - Garden actosol® (10-10-10)

## Agriculture

60% increase in soybean yield using actosol®



effect of actosol® on corn plants



## actosol® Commercial Products

- Bio-activated Base actosol® - Humate
- Calcium actosol® - plus Ca (2%)
- Horticulture K actosol® - plus K(10%)
- Potash actosol® - plus K (6%)
- Horticulture actosol® - plus NPK (10%-10%-10%)
- Turf Booster actosol® - plus NPK (20%-5%-5%)
- Micronutrient actosol® - plus Fe, Mn, Zn, Cu, (total 2%)

## Worldwide actosol® Applications

### UNITED STATES

- Landscaping
- Erosion Control
- Landfill Closure
- Golf Courses
- Sod Farms
- Nurseries-Tomatoes
- Sand Dunes
- Floriculture
- Agriculture
- Horticulture

### GULF COUNTRIES

- Rhodes Grass
- Water Melons
- Cucumbers
- Alfalfa
- Orange Groves
- Grapes
- Onions
- Date Trees

### MAURITIUS

- Sugar Cane
- Horticulture

### S. KOREA

- Golf Courses
- Greenhouses

For additional information:  
visit our web site at [www.arctech.com](http://www.arctech.com)  
or contact

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