

actosol®

Humic Acid Fertilizer

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



HUMIC ACIDS

Derivatives of naturally occurring humus matter in soil, humic acids are the key ingredient in all **actosol®** products. Humic acids are active elements in organic soils and are important for the conversion of fertilizer into available plant nutrients.

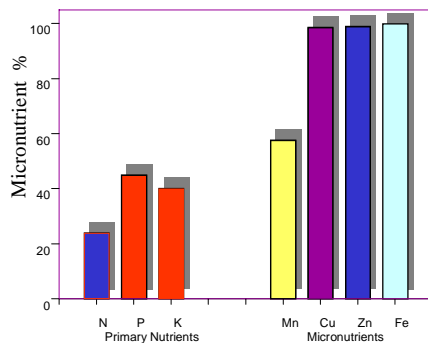
HOW DOES **actosol®** CREATE BENEFITS?

- By enhancing soil structure and fertility through the addition of vital organic matter in the soil;
- By efficient transfer of fertilizer nutrients and micronutrients because of the high chelation and cation exchange proportion of the active humic acid components of **actosol®**;
- By increasing moisture holding capacity of soil;
- By increasing microbial activity in the soil; and
- By enhancing plant cell biomass.

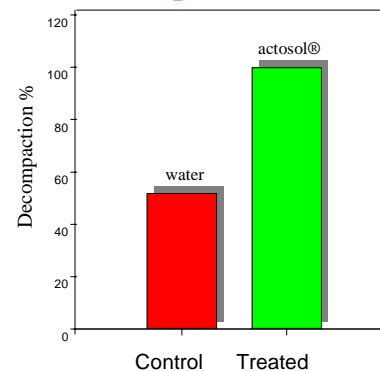
APPLICATION OF **actosol®**

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

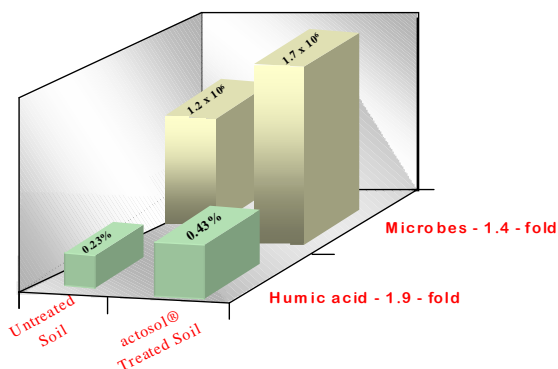
Primary and micronutrients bound to **actosol® humic acid**



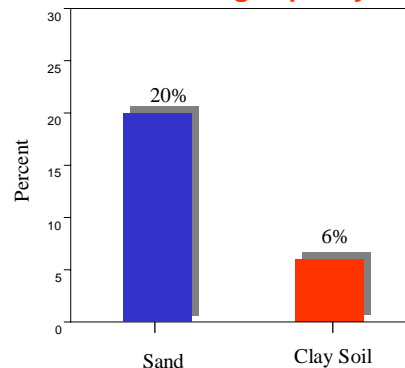
actosol® improves soil structure



Microbial counts and humic acid content are higher in **actosol® treated soils**



actosol® humic acid 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

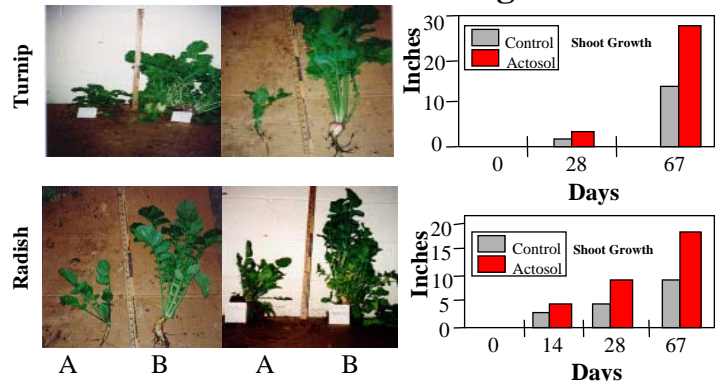
Floriculture

actosol® brightens flowers



Horticulture

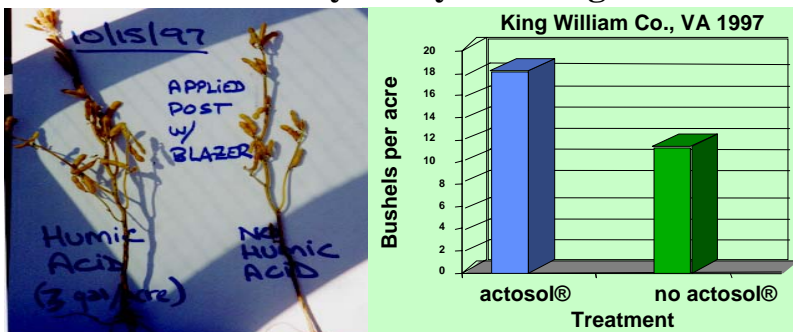
actosol® miracle on vegetables



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

Base actosol®	-	Humic Acid
Calcium actosol®	-	plus 10 Ca
Garden actosol®	-	plus 10-10-10 NPK
Turf Booster actosol®	-	plus 20-5-5 NPK
Chelated Micronutrient actosol®	-	plus Fe, Zn, Cu, Mn, etc.
Bio-Activated Granular actosol®	-	plus Microbes

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:
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Preserving tomorrow's world...today!