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
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®**

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**actosol® improves soil structure**

**actosol® increases water holding capacity**

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

- actosol® Control
- More Tillers of Wheat Crop
- actosol® Control
- Increased Number of Harvests & Color of Clover

**Horticultural Applications**

- actosol® Control
- Greater Foliage Growth in Begonia
- actosol® Control
- Greater Roots & Top Growth in Blueberries

**Turf Applications**

- actosol® Control
- Creates Stable Vegetation in Sand Dunes
- actosol® Control
- Increases Stress Tolerance
actosol® Commercial Products

Bio-activated Agro actosol®
activated with Organic Humic & Fulvic Acid

Calcium actosol®
plus Ca

Horticulture actosol®
with 10-10-10 NPK

Turf Booster actosol®
with 20-5-5 NPK

Micronutrient actosol®
with Fe, Mn, & Mg

Worldwide actosol® 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