

Mikro-H₂O

Increases water holding capacity of plants by 50-100%



www.mikrobs.com



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*Healthier Growth,
Higher Yield, while
Restoring Our Earth*

Mikro-H₂O: Organic Microbial Supplement for Droughts & Heat

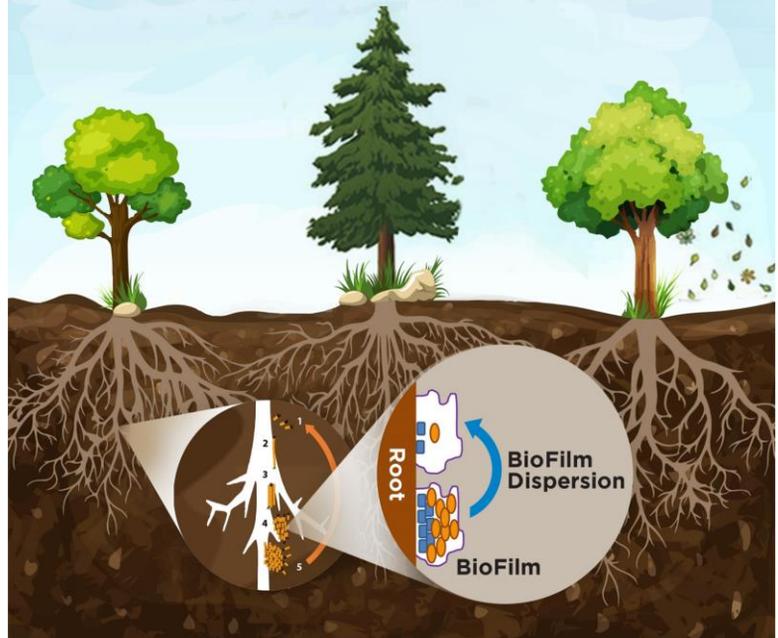
Mikro-H₂O offers drought-relief and is an essential product for plants that live under mild to severe droughts and extreme heat conditions.

Mikro-H₂O is the farmer's answer to drought & heat management and the gardener/houseplant owner's answer to irregular watering (e.g. when plants go unwatered for prolonged periods of time due to busy schedules, vacations, etc.).

High Concentrations of Rhizobacteria & Formation of Biofilms in the Root Zone

Mikro-H₂O contains high concentrations of 2 Rhizobacteria strains- *Bacillus Amyloliquefaciens* & *Bacillus Subtilis*- which secrete EPSs (extracellular polymeric substances) around the root zone. EPSs are natural polymers and a major component of biofilms. Soil microbes attach themselves to biofilms and build symbiotic relationships with plant roots. Biofilms are generally found in healthy soil webs with explosive root growths and proliferations of microbial colonies. These biofilms formed by *Bacillus* have large water holding capacities, prevent water from evaporating, and alter soil structures like pore spacing. These properties allow biofilms to prevent fertilizers from seeping out, increasing the retention of nutrients in soil needed for the survival of microbes.

BioFilm in the Rhizosphere, formed by Rhizobacteria in Mikro-H₂O, Retains Water and Reduces Fertilizer Drainage



In addition to drought/heat relief, achieved through its water-retention capabilities, Mikro-H₂O also promotes plant growth and leaf health. Plant growth is boosted by *Bacillus*, a PGPR (plant growth promoting rhizobacteria), and leaf metabolism is activated when both sides of leaves are sprayed with the water solution of Mikro-H₂O. The combined water-retention and PGPR properties of the proprietary strains of *Bacillus amyloliquefaciens* and *Bacillus subtilis* in Mikro-H₂O makes Mikro-H₂O the ideal response to one of the biggest modern-day challenges in agriculture and gardening – growth during times of drought and heat.

Guaranteed Outcomes

- Invigorated Plants/Crops under High Temperatures and Prolonged Droughts
- Reduced Fertilizer Drainage
- Increased Yields
- Invigorated Leaves (leaf metabolism is activated when Mikro-H₂O is sprayed onto leaves)

Indoor Plants at **5 weeks**
without water, exposed to
room temperatures of 74~78°F:



* Plant applied with **Mikro-H₂O** began to
show signs of wilt only after **7 weeks**

Mikro-H₂O

Drought and Heat Relief
Invigorates Leaves



Over 7 days without water, exposed to temperatures
of 90~95°F and 6+ hours of direct sunlight daily

Warranty

Microbial Applications, Inc., manufacturer and distributor of Mikro-H₂O, offers a FULL refund without dispute if you return the product within 45 days of purchase. However, the customer will be liable for the return shipping fees. Refund process will be initiated upon receipt of returned product. Reimbursement will be processed through the original payment method. Disclaimer: We offer no guarantees concerning the use of this product other than what is indicated on the label.

Ingredients

Rhizobacteria 3.0 x 10⁹ cfu/g
Bacillus subtilis, Bacillus amyloliquefaciens
Inert Ingredient 99%

Application Method

-Hot Weather/Droughts: Mix 1~2 tsp (2.5g ~ 5.0g) per 1 gal of distilled/tap water, then drench the root area of plants/crops. Repeat application at 7-14 day intervals when under extremely hot weather conditions or during mild to severe droughts.

-Irregular Watering: Mix 1~1.5 tbsp (5.0 ~ 7.5g) per 1 gal of distilled/tap water and apply to plants/crops when regular watering is not possible and plants will go unwatered for prolonged periods of time.

-Planting/Transplanting: Mix 1 tsp (2.5g) per 1 gal of distilled/tap water, then drench the root area of plants/crops.

Available Sizes

- 2oz / 4oz Stand-up Pouch
- 5 lb./ 25 lb. Pail

Caution

Keep out of reach of children and animals.

Storage

Keep it sealed and store in a cool & dry area. Avoid direct sunlight.