

# AQUAsatis

BIOLOGICALLY  
DEGRADABLE!  
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SOIL CONDITIONER / individually licensed according to § 9a DMG 1994 (Austria)

## How does AQUAsatis work?

- **AQUAsatis is a water-management product**, which binds moisture permanently to the roots and to other organic substances.
- **AQUAsatis attracts water moisture** which is available in the soil, converting it into water droplets and thus making it available to the plant.
- **AQUAsatis shows its optimal efficiency** when water in its liquid form (due to rain or irrigation) is no longer available in the soil.
- **AQUAsatis improves the soil structure** and hence allows for better horizontal water movement and distribution.
- **AQUAsatis** also significantly **reduces surface evaporation. Water is longer available!**
- **AQUAsatis** may extend the irrigation intervals by 50 %.  
**AQUAsatis works for up to 3 months.**

### ACTIVE COMPOUNDS / INGREDIENTS:

Sugar alcohols, Lignin sulfonates, Neutral salts, Non-ionic surfactant

### BENEFIT / EFFECT:

Hygroscopic components convert air moisture into water droplets, making it available to the plants. Improved permeation of the soil and greater horizontal distribution of AQUAsatis throughout the soil. In addition, the sugar alcohols enhance the action of microorganisms.

**pH value:** 5,5 - 6,5    **density:** 1,3

### APPLICATION:

AQUAsatis is a concentrated formula designed for large scale applications. Dilute with water before applying. Minimum dilution rate is 15:1 (water to AQUAsatis), allowing for an even and extensive distribution. In difficult areas, AQUAsatis may be applied at up to 5 times the general application rate (eg., hydrophobic soil, clay soil, or soil with very high or very low pH values). AQUAsatis may be tank mixed or applied through injectors and fertigation systems.

### FOR BEST RESULTS:

**AQUAsatis works in the root zone!** After application of AQUAsatis it is important to water AQUAsatis into the soil in order to rinse it into the root zone. The amount of water needed for watering in depends on root depth. At seeding, only water in lightly, bringing AQUAsatis into the surface seed zone. Do not water excessively.

Subsequently, water quantity and the frequency of irrigation will be reduced. In dry areas, a marked improvement in the situation can be seen shortly after application. If the irrigation demand is not reduced during the first 2 weeks, the application must be repeated. AQUAsatis improves the absorption of nutrients, and thus the effect of fertilizers.

### AVAILABLE TRADING UNITS:

10 litre canister, 200 litre barrel, 1000 litre IBC container

## Advantages

- Reduction in watering requirements by up to 50% and more
- Faster and more robust development of the plant
- Improved nutrient uptake
- Improved germination
- Higher resistance to drought, pests and stress
- Reduction in energy & labour costs
- Stimulation of (microbial) soil life