



BIODEGRADABLE

# OARS<sup>®</sup> HS

## SOIL HYDRATING SURFACTANT

- Combats the cause of hydrophobicity
- Uniform moisture throughout the soil
- Stable performance for 5-6 weeks
- Saves 35% water and 70% in irrigation cycles

**AQUA·AID**

# OARS HS

## Soil Hydrating Surfactant

**OARS HS** (Organic Acid Redistribution System) is a patented 3D Multibranched hydrating technology that actively controls water repellency and removes organic acids that cause hydrophobicity. It brings the soil back in its original state. The heavier molecular weight improves soil integration. **OARS HS** ensures uniform water spreading throughout the rootzone which creates optimal moisture levels for micro-organisms and plant rooting. It reduces leaching of nutrients as they are dissolved in water that is being held by **OARS HS**. With a stable performance for 5-6 weeks it lasts 40% longer than conventional wetting agents and reduces the amount of applications, which saves time and money. Scientific research shows that you can save 35% of water and 70% of irrigation rounds. Gives the ultimate protection during times of drought and heat stress.

**OARS HS** is biodegradable and is ideal in combination with **OARS PS** when leaching excess water is desired.

Unique to **OARS PS** & **OARS HS** is the possibility to mix them together in a tank and customize it to your preference or needs.

### PRODUCT DETAILS

- Hydrating technology actively controls water repellency
- Removes dried organic acids that cause hydrophobicity
- Ensures uniform water spreading throughout the rootzone
- Holds nutrients in the soil, reducing leaching
- Delivers stable performance for 5-6 weeks
- Restores soil to a productive and natural state
- Saves up to 35% in irrigation water and up to 70% in irrigation cycles

### COMPOSITION:

- Octahydroxy polyoxyalkylene polymers ..... 85%
- Amine salt of alkly substituted maleic acid ..... 7,5%
- Inert ingredients ..... 7,5%

### DIRECTIONS FOR USE

- Apply 13 - 16 L/Ha at 30 day interval. After an initial 16 L application, follow up with 13 L/Ha with an interval of 4 - 6 weeks or as needed.
- Drought conditions can best be managed by applying 6,5 - 8 L/Ha at 15 day intervals. For extreme drought conditions with high temperatures and/or increased soil water repellency, apply 20 - 25 L/Ha in 800 L of water at 30 day intervals. Irrigate with sufficient water to deliver OARS HS to the soil profile, 3 mm or more is recommended.

Our **3D Technology** - patented, scientifically researched and proven - is a biodegradable addition of longer and multi-branched molecules to your growing media. While this technology may sound complex, its application is remarkably simple. And the results, they are nothing short of groundbreaking: the soil retains water longer, at the right depth, and the water reaches every spot. For a safe and sound surface. That's how we guard a green future together.

