3D-TECHNOLOGY

PATENTED TECHNOLOGY

BIODEGRADABLE

OARS® HS

SOIL HYDRATING SURFACTANT

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

Liquid



AQUA·AID



OARS HS
Soil Hydrating Surfactant

OARS HS (Organic Acid Redistribution System) is a patented 3D multi-branched hydrating technology that actively controls water repellency and removes organic acids that cause hydrophobicity. It restores the soil to 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 number of applications, which saves time and money. Scientific research shows that you can save 35% of water and 70% of irrigation cycles. Gives the ultimate protection during times of drought and heat stress.

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

Unique to **OARS PS** & **OARS HS** is the possibility to mix them together in a tank and customise 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 in 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

PFC 3(B) - Inorganic Soil Improver
Dry matter content..... 35,90% by mass
Polyoxyalkylene polymers[1]
Where [1] CMC 1 virgin material substances and mixtures

DIRECTIONS FOR USE

- Apply 13-16 L/ha at 30-day intervals. After an initial 16 L/ha 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.

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