

# **OARS<sup>®</sup> HS**

## **Soil Hydrating Surfactant**

**Improved Water  
Retention with  
Organic Acid  
Redistribution  
System**

**AQUA·AID**

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# OARS HS

## Soil Hydrating Surfactant

OARS HS, Soil Hydrating Surfactant, is a combination of the university researched, field proven, and patented organic acid redistribution system, OARS, and multi-branched hydrating chemistry. OARS HS controls soil water repellency while providing uniform soil moisture and increased soil moisture retention.

### FEATURES:

- OARS - Organic Acid Redistribution System
- Multi-branched hydrating soil surfactant
- Increases number of hydrating sites
- Increased length of activity in soil
- Money back guarantee

### BENEFITS:

- Removes humic coatings from hydrophobic soil particles
- Controls water repellency
- Hydrates the soil to improve moisture retention
- Reduces drought stress
- Consistent performance between applications to maintain adequate moisture in hard to wet soils

Distributed by:

### COMPOSITION

OARS HS, Soil Hydrating Surfactant, is a non-toxic, biodegradable formulation of multi-branched surfactants and wetting agents and a humic acid solubilizing component.

#### Active Ingredients:

85.0% Octahydroxy polyoxyalkylene polymers  
7.5% Amine salt of alkly substituted maleic acid

OARS HS, Soil Hydrating Surfactant, is available in 55, 30 and 2.5 gallon recyclable containers.\*

\*Check with your distributor for availability.

### APPLICATION RATES

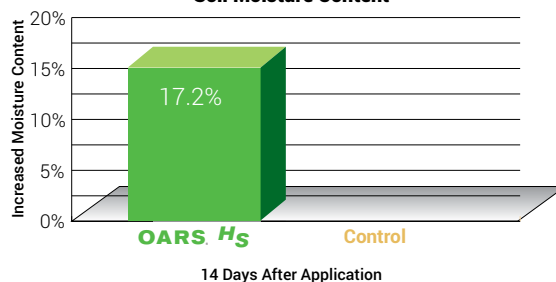
#### Golf, Sports and Lawn Turf

Apply 4 to 5 ounces per 1,000 ft<sup>2</sup> in 2 gallons of water (13 to 16 L/ha in 800 L) at 30 day intervals. Drought conditions can be best managed by applying 2 to 2.5 ounces per 1,000 ft<sup>2</sup> in 2 gallons of water (6 to 8 L/ha in 800 L) at 15 day intervals.

For extreme drought conditions with high temperatures and/or increased soil water repellency, apply 6 to 8 ounces per 1,000 ft<sup>2</sup> in 2 gallons of water (20 to 25 L/ha in 800 L) at 30 day intervals.

Irrigate with sufficient water to deliver OARS HS to the soil profile - 1/8 inch (3 mm) or more recommended.

Effect of OARS HS on Soil Moisture Content



Effect of OARS HS on Water Drop Penetration Time (WDPT)

