

# OARS<sup>®</sup> PS

## Soil Penetrating Surfactant

**Uniform Water  
Movement with  
Organic Acid  
Redistribution  
System**

**AQUA-AID**

800-394-1551  
[www.aquaaid.com](http://www.aquaaid.com)

REGISTRATION NUMBER 2015071A FERTILIZERS ACT



# OARS<sup>®</sup> PS

## Soil Penetrating Surfactant

OARS PS, Soil Penetrating Surfactant, is a combination of the university researched, field proven, and patented organic acid redistribution system, OARS, and multi-branched penetrant chemistry. OARS PS controls soil water repellency while providing uniform soil moisture for a longer period of time.

### FEATURES:

- OARS - Organic Acid Redistribution System
- Multi-branched penetrating soil surfactant
- Increased length of activity in soil
- Money back guarantee

### BENEFITS:

- Increases penetration of water
- Removes humic coatings from hydrophobic soil particles
- Provides firm, fast surfaces
- Improves water management efficiency
- Controls soil water repellency
- Longer lasting activity

Distributed by:

### COMPOSITION

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

#### Active Ingredients:

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

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

\*Check with your distributor for availability.

### APPLICATION RATES

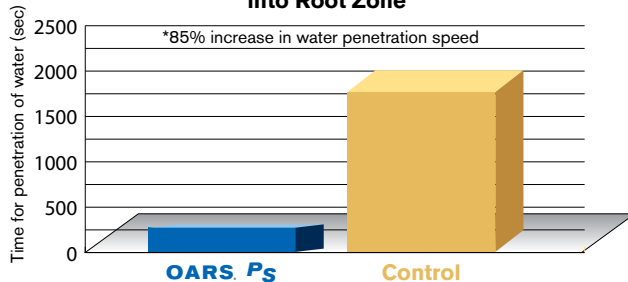
#### Golf, Sports and Lawn Turf

Apply 4 to 5 ounces per 1,000 ft<sup>2</sup> in 2 gallons of water (130 to 160 ml per 100 m<sup>2</sup> in 8L) at 30 day intervals. After an initial 5 ounce (160 ml) application, difficult to manage areas will respond best by applying 2 to 2.5 ounces per 1,000 ft<sup>2</sup> in 2 gallons of water (65 to 80 ml per 100 m<sup>2</sup> in 8L) at 15 day intervals.

For increased surface firmness, apply 6 to 8 ounces per 1,000 ft<sup>2</sup> in 2 gallons of water (190 to 255 ml per 100 m<sup>2</sup> in 8L) at 30 day intervals.

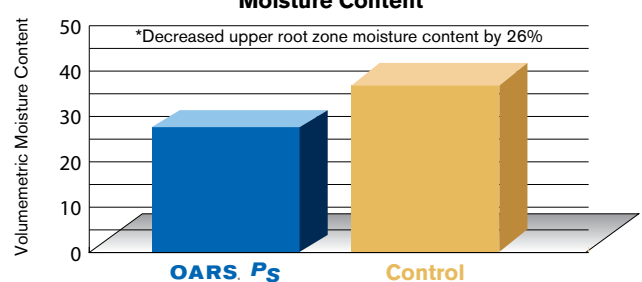
Irrigate with sufficient water to deliver OARS PS to the soil profile - 1/8 inch (3 mm) or more recommended.

Effect of OARS PS on Water Penetration into Root Zone



5 days after application

Effect of OARS PS on Upper Level Root Zone Moisture Content



18 days after application