

Uniform Water
Movement with
Organic Acid
Redistribution
System

REGISTRATION NUMBER 2015071A FERTILIZERS ACT



INNOVATIVE TECHNOLOGIES
CUSTOMIZED SOLUTIONS





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.

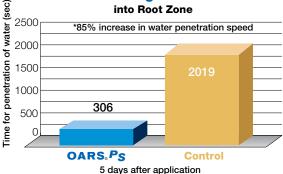
FEATURES:

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

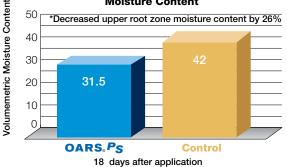
BENEFITS:

- 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

Effect of OARS, Ps on Water Penetration into Root Zone



Effect of OARS, Ps on Upper Level Root Zone **Moisture Content**



COMPOSITION

OARS PS, Soil Penetrating Surfactant, is a non-toxic, biodegradable formulation of multibranched 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 and 2.5 gallon recyclable containers.*

*Check with your distributor for availability.

APPLICATION RATES

Golf, Sports and Lawn Turf

Apply 4 to 5 ounces in 2 US gallons of water per 1000 ft² (130 to 160 ml in 8 L per 100 m²) 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 in 2 US gallons of water per 1000 ft² (60 to 80 ml in 8 L per 100 m²) at 15 day intervals.

For increased surface firmness, apply 6 to 8 ounces in 2 US gallons of water per 1000 ft² (200 to 250 ml in 8 L per 100 m²) at 30 day intervals.

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



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