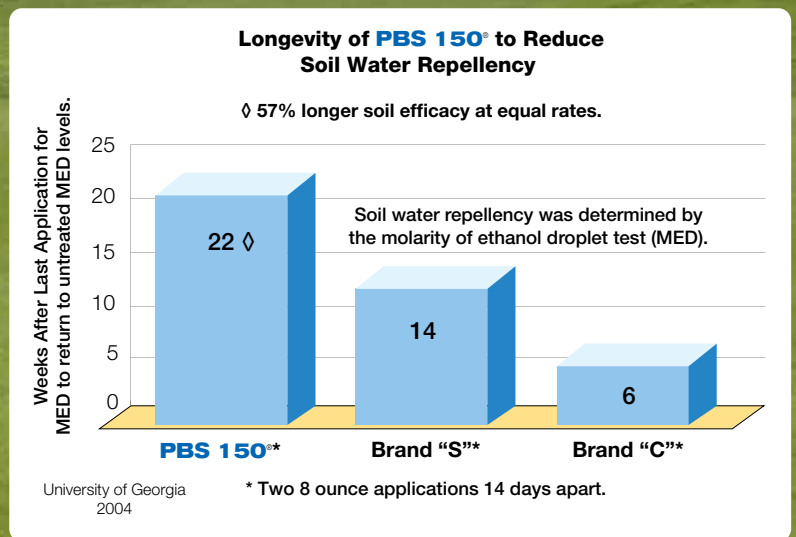


# PBS150<sup>®</sup>

POLYFUNCTIONAL  
BRANCHED SURFACTANT

Multi-Branched  
Sustains A  
Longer Uniform  
Soil Moisture  
Profile



# PBS150<sup>®</sup>

**POLYFUNCTIONAL  
BRANCHED SURFACTANT**

**PBS150** is a long-term surfactant utilizing a unique multi-branched molecular structure to address the source of performance loss – biodegradation of the surfactant molecule by soil microbes. **PBS150** sustains a longer uniform soil moisture profile.

A uniform supply of water within the soil profile is critical during heat and water stress periods to meet the transpirational demands of the plant. Equally important, is the need for a uniform supply of water to turfgrass roots during a period of recovery and repair. Without a sustained supply of water, the turfgrass plant will be unable to rebuild its root system and carbohydrate (sugar) reserves (needed to survive dormancy and for subsequent new growth requirements).

The ability of **PBS150** to improve the uniform soil moisture status of turfgrass offers the turfgrass manager a highly flexible surfactant system from which to address these two critical periods of successful turfgrass management -- Heat and Water Stress and Turfgrass Recovery.

- Reduce hydrophobic conditions on a sustainable basis
- Encourage a pattern of hydration and re-hydration that improves the amount of available water in the soil profile to meet the metabolic demands of the plant
- Restore the uniform movement of water into and through the soil profile
- Promote improvement in turfgrass quality, color, and uniformity
- Improve stress tolerance
- Money back guarantee

A 45% active injectable formulation of **PBS150** is also available. Please contact your distributor for information about **PBS150 INJ**.

## COMPOSITION

**PBS150** Polyfunctional Multi-Branched Soil Surfactant is non-toxic, non-flammable, non-corrosive and biodegradable.

### Active Ingredients:

100% Polyoxyalkylene polymers

**PBS150** Multi-Branched Soil Surfactant is available in 55, 30 and 2.5 gallon recyclable containers.\*

\*Check with your distributor for availability.

## APPLICATION RATES

### Fairways, Tees, and Sports Turf

**100 Day Moisture Management:** Apply two applications 15 days apart at 5 ounces per 1,000 ft<sup>2</sup> in 2 gallons of water (16 L/ha in 800 L). Reapply 90 to 100 days after last treatment or as needed.

**150 Day Moisture Management:** Apply three applications 15 days apart at 5 ounces per 1,000 ft<sup>2</sup> in 2 gallons of water (16 L/ha in 800 L). Reapply 120 to 150 days after last treatment or as needed.

**Bunker Faces, Collars, Roughs, and Lawns**  
Apply two applications 7 to 10 days apart at 8 ounces per 1,000 ft<sup>2</sup> in 2 gallons of water (25 L/ha in 800 L). Reapply after 120 to 150 days or as needed.

Irrigate with sufficient water to deliver **PBS150** to the soil profile - 1/8 inch (3 mm) or more recommended.



**AQUA·AID**  
SOLUTIONS

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