



AQUA·AID
SOLUTIONS

PBS150[®]

Multi-Branched Long-Term Surfactant

Research shows PBS150 to provide up to 36% water savings.

PBS150 provides 6 to 8 times the number of active contact sites over leading surfactant.

Use less ounces of PBS150 on the ground with greater efficacy over a longer duration.



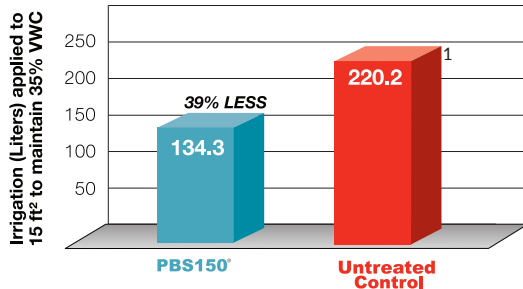
PBS150[®]

Hydrating Surfactant

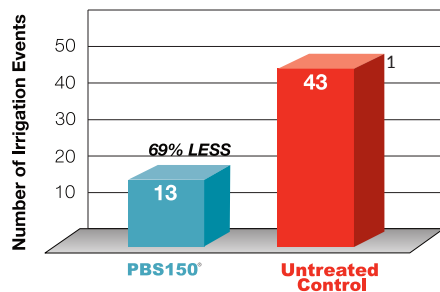
KEY FEATURES

- Published research shows PBS150 can reduce water use by up to 36%, while supporting faster recovery and healthier turf.
- Long-term surfactant with a unique multi-branched molecular structure designed to resist biodegradation by soil microbes.
- Maintains a uniform soil moisture profile for extended periods, even under heat and water stress.
- Supports consistent water availability to the root zone, promoting turfgrass recovery and carbohydrate replenishment.
- Reduces hydrophobic soil conditions for 5 months or more and encourages balanced hydration and rehydration patterns.
- Restores uniform water movement through the soil profile, improving stress tolerance and overall turf performance.

PBS150 resulted in a 39% reduction in irrigation water consumption



PBS150[®] resulted in a 69% reduction in irrigation frequency



¹ Gary Nolan, Michael Fidanza
Journal of Environmental Horticulture, 2024

COMPOSITION

100% Polyoxyalkylene polymers

APPLICATION INSTRUCTIONS

100 Day Moisture Management:

Apply two applications 15 days apart at 5 ounces per 1000 ft² 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 1000 ft² 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 1000 ft² 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.

GRANULAR:

Fairways, Tees, Bunker Faces, Collars, Roughs, Lawns, and Sports Turf

Single Application: (75 Day Moisture Management)

Apply 4 lbs per 1000 ft² (200 kg/ha). Reapply after 60 to 75 days or as needed.

Split Application: (150 Day Moisture Management)

Apply two applications 7 to 10 days apart at 4 lbs per 1000 ft² (200 kg/ha). Reapply a split application after 120 to 150 days or as needed.

Irrigation is necessary to release PBS150 from the carrier. Irrigate before next mowing or leave baskets off.

BEST PRACTICES

- Apply PBS150 within label rates to ensure efficacy is achieved.
- Begin using PBS150 early in the growing season before water repellency and LDS conditions are apparent.
- Best results are achieved when PBS150 is used as a full season program and not when signs and symptoms of water repellency and turfgrass stress appear.
- When making an PBS150 application with a sprayer, utilize a minimum 2 gallons per 1,000 ft² water carrier.
- PBS150 has a neutral pH allowing it to be easily tank mixed. It is still important to perform a jar test to confirm compatibility.