



AQUA·AID

SOLUTIONS



Solutions To Touch
Every Part Of Your
Agronomic Program

INNOVATIVE TECHNOLOGIES
CUSTOMIZED **SOLUTIONS**

AQUAAIDSOLUTIONS.COM

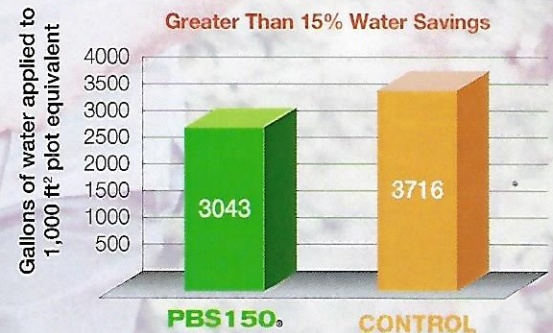
Why apply a granular surfactant?

- Reduce water usage
- Increase water penetration
- Improve stress tolerance
- Reduce water surface tension
- Increase nutrient uptake
- Cost effective

Soil can sometimes develop a resistance to wetting or the ability to take in water. Soils with this condition are called hydrophobic soils. This resistance to wetting can cause severe stress or damage to grass by preventing water from reaching the grass root. Thatch and decaying organic matter tend to create a hydrophobic layer concentrated in the top inch of soil. Wetting agents allow water to infiltrate through this layer and move freely into the soil below. Wetting agents get the water right down to the roots where it is needed for healthy lush lawns. Homeowners can easily apply a granular form wetting agent using a consumer fertilizer spreader.

Effect of **PBS150** on Soil Volumetric Water Content (VWC)

(5 oz. equivalent per 1,000 ft² applied monthly)



Water applied over eight weeks to maintain 35% VWC

* Trials performed by Penn State University in 2016



Aquifer[®]

Maintenance Surfactant

Aquifer Granular is a ready to apply granular surfactant that helps to establish water flow into and throughout the root zone. If you find yourself already suffering from hydrophobic soil and localized dry spots, **Aquifer Granular** will aid to remedy the adverse effects these soil conditions cause. **Aquifer Granular** can help you manage drought and stress recovery on lawns.

Maintenance Application

Apply 2.5 pounds per 1,000 ft² (1.2 kg per 100 m²) at 30 to 45 day intervals or as needed.

Spread like a fertilizer and water in.

Bag covers 20,000 ft²



PBS150

POLYFUNCTIONAL BRANCHED SURFACTANT

Season Long Surfactant

PBS150 Granular is a hydrating surfactant that helps to establish season long consistent hydration and water flow into the root zone. **PBS150 Granular** is the ideal product to use prior to the appearance of hydrophobic conditions to prevent their formation. Using **PBS150** has shown to reduce the amount of water input required to maintain adequate soil moisture. **PBS150 Granular** can help you avoid the effects of water deficit stress on lawns.

Season Long Application

Apply 4 pounds per 1,000 ft² (2 kg per 100 m²) followed by another 4 pounds per 1,000 ft² (2 kg per 100 m²) 7 to 10 days later. Reapply after 120 to 150 days or as needed.

Spread like a fertilizer and water in.

Bag covers 6,250 ft²