



**AQUA·AID**  
SOLUTIONS

# Excalibur™

Infiltration • Hydrating Surfactant

Excalibur™ is a next generation rapid response soil surfactant that delivers rapid infiltration and consistent dry-down.

Excalibur helps achieve consistent hydration as well as superior rehydration.

The unique infiltration-rehydration characteristics of Excalibur will provide unparalleled soil moisture responsiveness.



# Excalibur™

## Infiltration - Hydrating Surfactant

### KEY FEATURES

- Proprietary Potentiated Hydrophobe Technology™ (PHT) delivers next-generation soil surfactant performance.
- Rapid-response infiltration and rehydration ensure consistent hydration, dry-down, and superior soil moisture responsiveness.
- Enhances adsorption to hydrophobic particles for reliable soil hydration and uniform moisture distribution.
- Radically increases water infiltration, improving efficiency and turfgrass resilience.
- Provides high-quality, stress-resistant turfgrass at significantly lower use rates than competing products.
- Safe, easy-to-apply solution that fits any agronomic program and can be used year-round.

### COMPOSITION

#### Active Ingredients

- 45.0% Alkoxylated ethylene oxide-propylene oxide adducts
- 45.0% Non-ionic polyols
- 10.0% Inert ingredients

### APPLICATION INSTRUCTIONS

Apply an initial application of 4 ounces per 1,000 ft<sup>2</sup> in 2 gallons of water (13 L/ha in 800 L)

#### 30 Day Intervals

Apply 3 – 4 ounces per 1000 ft<sup>2</sup> in 2 gallons of water (10 – 13 L/ha in 800 L)

#### 15 Day Intervals

Apply 1.5 – 2 ounces per 1000 ft<sup>2</sup> in 2 gallons of water (5 – 6.5 L/ha in 800 L)

#### Curative

Apply 4 ounces per 1000 ft<sup>2</sup> in 2 gallons of water (13 L/ha in 800 L) at 7 day intervals until conditions resolve

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

### BEST PRACTICES

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