



Hydration and Infiltration

SMS 400 is a proprietary blend of soil surfactants specifically formulated to target the upper root zone of soil profiles to combat soil hydrophobicity or localized dry spot (LDS).

SMS 400 is designed to produce uniform soil hydration in the upper root zone and to reduce the amount of time spent hand watering or syringing. By improving soil hydration with SMS 400, you maximize the efficiency of irrigation and fertilization inputs.

Directions for Use: Apply SMS 400 at 4.0 fl oz. per 1000 sq ft. on 21–28 day intervals. Initial applications should be made prior to the onset of summer stress and localized dry spot. For optimal performance, water in SMS 400 with at least 0.125 to .5 inches of irrigation.

SMS 400 Key Benefits

- Reduces hydrophobicity in the upper soil profile
- Reduces Localized Dry Spot (LDS)
- Drastically reduces the need for hand watering or syringing
- Creates uniform soil moisture
- Maximizes efficiency of irrigation and fertilizer inputs
- Enhances seed establishment
- Tank-mix compatible with other agrichemicals

For additional product information, visit
us at www.smsadditivesolutions.com



SMS 400 Product Research

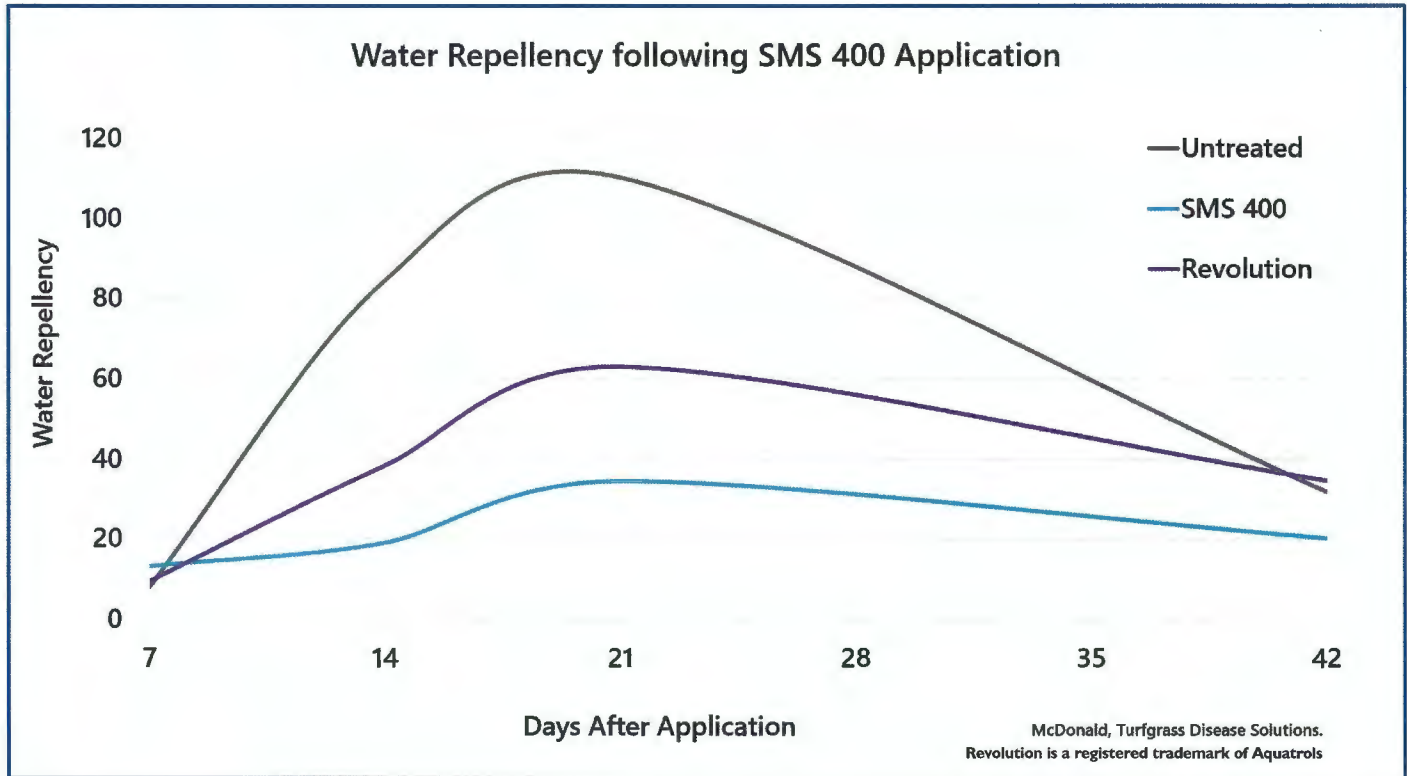


Figure 1. Soil Water Repellency following one application of SMS 400. Soil Water Repellency was greatly reduced up to 35 days after treatment.



Figure 2. Representation photo of fairway and approach treated with SMS 400 (Treated), and collar untreated (Untreated).

Photo Credit: Ledgerock Golf Club, PA

For additional information on these and other SMS product studies, visit our website at www.smsadditivesolutions.com