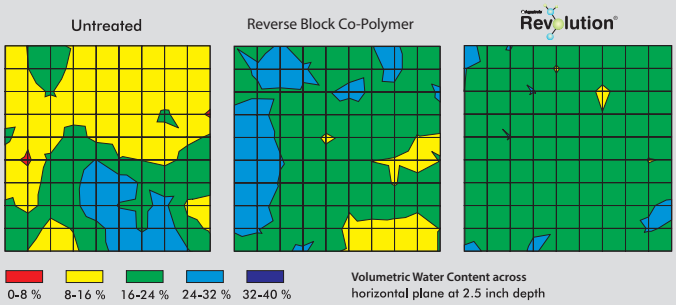
Aquatrols®

OPTIMIZING SOIL MOISTURE *with* REVOLUTION®

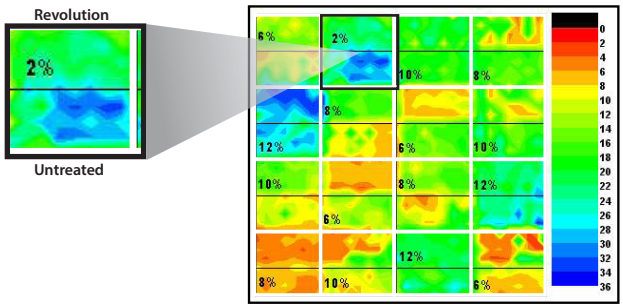
From season to season, you never know what nature may have in store for you. That's why Revolution is trusted by superintendents worldwide in a variety of climates. Whether you're battling too much rain or not enough on your golf course, Revolution can help you regain the balance you need in the rootzone to grow healthy, resilient turf and produce drier, firmer playing surfaces.

University of Wageningen 2003



Revolution maintains soil moisture in a tighter distribution range, that falls within the specifications for USGA rootzone mixes. While the reverse block co-polymer (a commonly used surfactant chemistry) improved moisture uniformity over the control, it still exhibited soil moisture content in some areas that would be considered too wet in a native sandy soil.

University of Arkansas 2005



Trial results indicate that the regular use of Revolution resulted in more uniform soil moisture conditions. When more water than necessary was applied, the untreated plots had excessively high soil moisture levels while the Revolution treated plots had lower, more favorable soil moisture levels.

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THE WORLD'S LEADING SOIL SURFACTANT

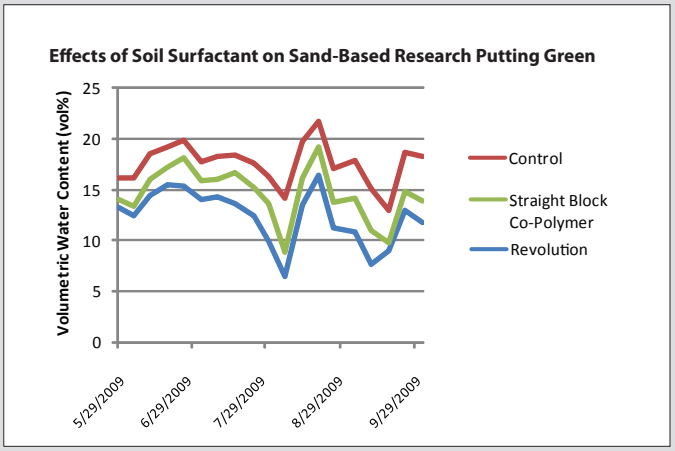
FarmLinks, LLC 2007

In 2007, a glitch in FarmLinks' irrigation schedule caused the greens to receive a heavy watering of about 5/8 inches for four nights in a row. Toro TurfGuard Sensors had been installed in #17 green, so Mark Langner, CGCS, Director of Agronomy, could see exactly what the soil moisture was doing.

Revolution had been applied monthly to the greens starting that spring. According to Mark Langner "because of the TurfGuard Sensors we could see how Revolution kept the greens from getting too wet even with all this excess water being applied. The soil moisture would go up to field capacity at 22% moisture during the night and drain down to 14% during the day. Revolution protected us from excess water getting caught in the rootzone."

University of Wisconsin - Madison 2009

Revolution significantly lowers soil moisture levels during excessively wet conditions. Research during a very rainy 2009 showed that plots treated with Revolution had statistically lower soil moisture levels than untreated plots on every sampling date. In addition, plots treated with Revolution also had significantly lower soil moisture levels than plots treated with a common class of surfactant chemistry used in many other wetting agent products on almost every sample date.



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