

# The Kraken

## TOURNAMENT CONDITIONS



Turf Fuel's Premium Soil Surfactant THE KRAKEN delivers ultimate playing conditions.

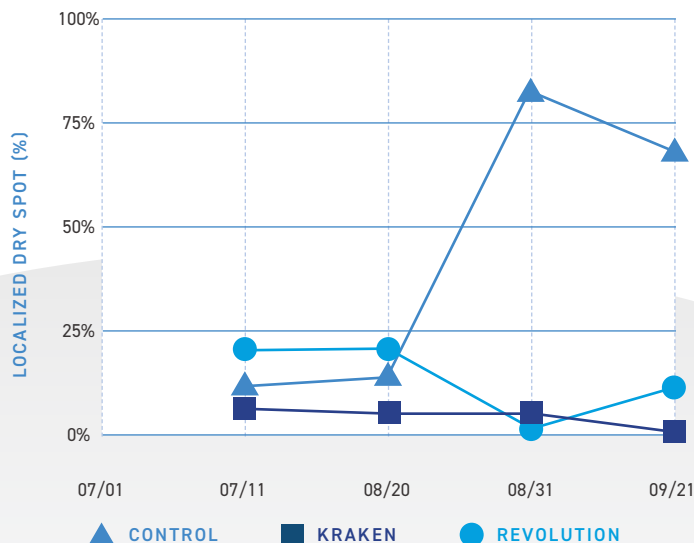
The Kraken has evolved over the past seven years based on the feedback of industry experts and customers.

The key benefits of the Kraken are:

- Consistent hydration throughout the profile
- Firmer, dryer surfaces
- Dependable 30 day longevity

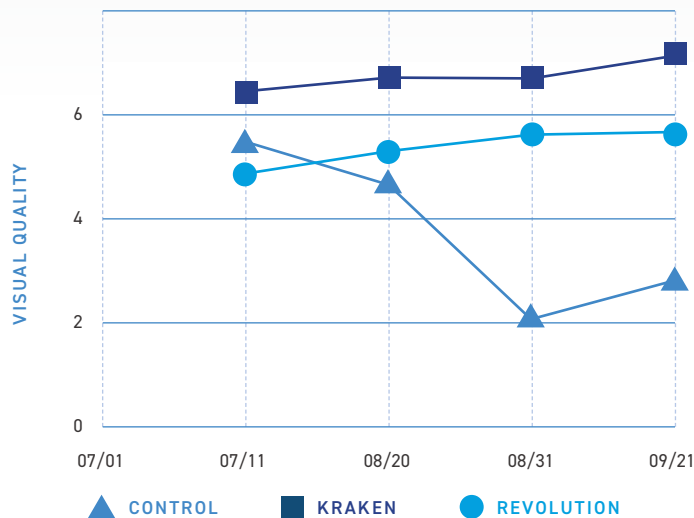
The above benefits are achieved with a complex stacking of 4 components, each component having a unique characteristic when it comes to hydration, rehydration and penetration.

### REDUCTION IN LDS



Research at The University of Arkansas in 2018 showed that the Kraken reduced localized dry spots significantly more than the control and out performed a leading competitor 3 out of 4 times.

### VISUAL QUALITY



The Kraken exhibited superior visual turf quality during the entire trial period at The University of Arkansas in 2018.

### DRONE IMAGERY

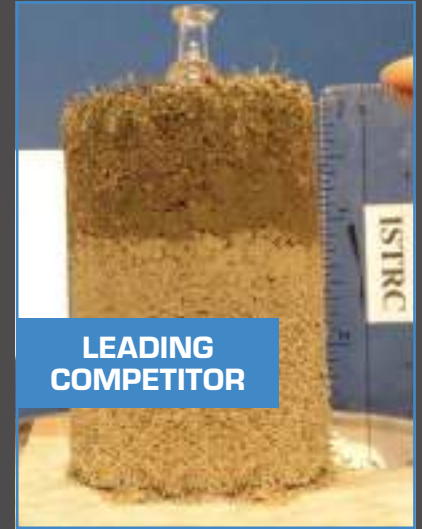


Overhead drone image of experimental area on August 28, 2018. UNIVERSITY OF ARKANSAS.

# FIRMER AND DRYER SURFACES

The images show the wetting front on soil treated with The Kraken vs. Leading competitor. The Kraken profile is hydrated farther into the profile and the top 1/2" is dry.

The profile treated with the competitive product shows hydration concentrated in the top 1", resulting in softer, wetter playing surfaces.



## HOW DOES THE KRAKEN WORK?

The Kraken is composed of a Tri-Block Ethyl Capped polymer. The unique morphology allows the Kraken to cling to soil particles and hold available moisture very close to the soil particle.

The three hydrophobic (Soil Loving) anchors provide strong attachment to the soil, which results in consistent 30-day longevity.

When Kraken molecules enter the soil, they cling to the soil surfaces. The branches attract water, and together this forms a thin film of moisture around each soil particle. The thin film of moisture is readily available for root uptake.

The beauty of this thin moisture film is that soil pores remain open for oxygen exchange and drainage of excess moisture.

