

COUNTERACT™ RETAIN

Soil Surfactant

COUNTERACT™ RETAIN is a high end soil surfactant designed to reduce water repellency in the soil, address the causes of hydrophobicity and prevent the development of localized dry spot (LDS).

The surfactant chemistry in **COUNTERACT™ RETAIN** favors moisture retention in the soil so as to ensure that the root zone remains hydrated when soil moisture is normally inadequate or is persistently limiting.

University research has shown that **COUNTERACT™ RETAIN**, when applied at labeled rates, exhibited the highest soil moisture on both cool and warm season grasses, even when subjected to severe drought stress.

KEY FEATURES

COUNTERACT™ RETAIN

- Provides reliable wetting and re-hydration of the soil
- Promote improved moisture uniformity in the root zone
- Chemistry contains components that both treat and prevent the causes of localized dry spot (LDS) and soil water repellency
- Promotes moisture retention in the soil to ensure that the root zone remains hydrated when irrigation inputs or rainfall are limiting



Water repellency on a hydrophobic soil leads to the development of localized dry spot (LDS) in established turfgrasses

COUNTERACT™ RETAIN

SurfPack™

Directions for Use:

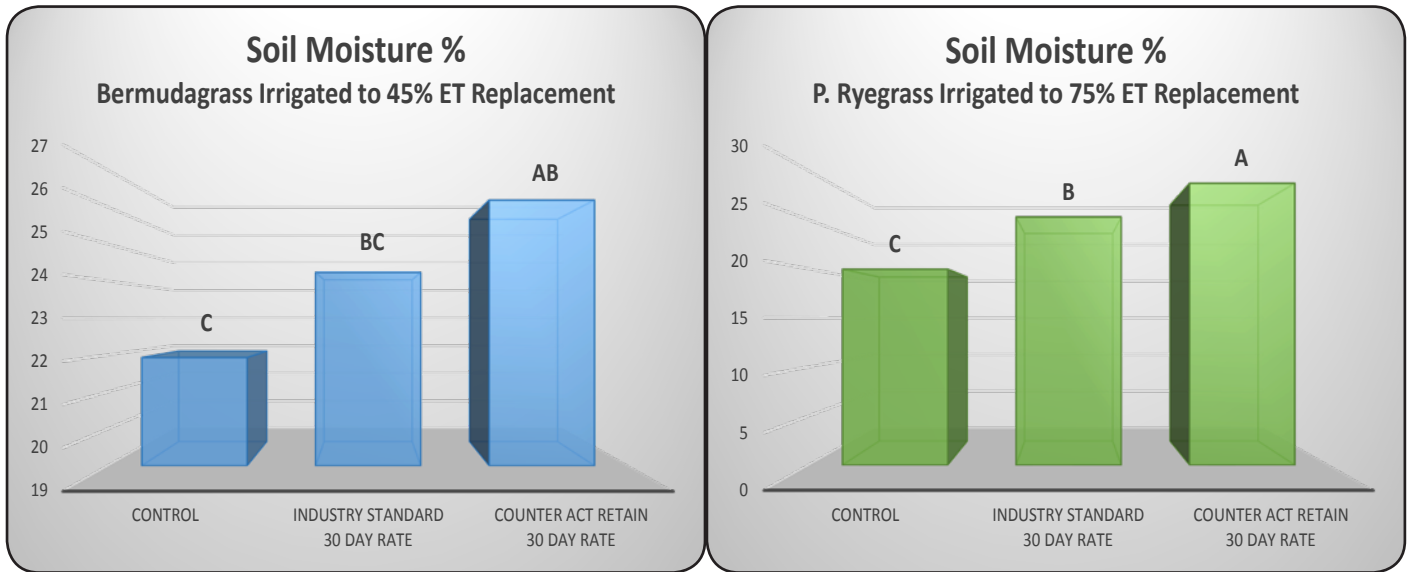
Apply 200-250 ml per 100 m² in 10 Liters of water per 100 m² every 30 days.
 For increased water holding apply 200-250 ml per 100 m² in 10 Liters of water per 100 m² every 15 days.

Irrigate thoroughly after application to remove the product from the leaf tissue and into the soil.

Performance:

2016 Drought Stress Trials

Source: New Mexico State University. Treatments connected by the same letter are not significantly different at p < 0.05



University drought stress trials on both cool and warm season turfgrasses showed that CounterAct™ Retain, exhibited significantly higher soil moisture when compared to the untreated control and the industry-leading surfactant chemistry when sprayed at full 30 Day rates.

Even under severe drought stress, plots treated with the 30 day rate of CounterAct™ Retain maintained significantly higher green cover than the untreated control and the industry-leading surfactant chemistry

