



SWOOSH

JUST FLUSH IT

PROBLEM: Localized Dry Spot, hard water, bi-carbonates and sodium are all issues that plague Superintendents. These issues greatly reduce turf grasses ability to utilize nutrients and receive proper irrigation.

SOLUTION: Create a superior flush program that reduces the soil/water solution to an optimal pH level that makes insoluble calcium bi-carbonates soluble and reduces sodium uptake, but also increase uniform water movement, infiltration and penetration. Which in turn increases nutrient availability, and also solubilizes non-polar organic coatings on soil profiles. All of this can be accomplished with an easy tank mix of Retro and pHAcid Sprayable to Just Flush it with the Swoosh program.



RETRO is a unique formulation of DEPRO-1299 which is a blend of organic coating removal agents combined with a best-in-class surfactant complex. Retro is designed to provide the golf course superintendent with a broad, proactive approach to address the problems associated with water repellency. The blend of Retro is designed to both reduce the build-up of water repellent organic coatings in soil profiles which is the cause of water repellency and provide relief from Localized Dry Spot, poor infiltration and penetration through the soil profile and will correct non-uniform water movement.

RATE: Apply Retro at 6oz per 1,000 sq. ft in 2 gallons of water. For best results apply monthly through growing season. No watering in required. University research proves both the safety and performance of Retro.



pHAcid is a blend of acids to help manage bi-carbonates, carbonates and sodium in the soil profile. The **acid value** of pHAcid reduces the soil water solution to a pH level that makes insoluble calcium bi-carbonates soluble in the soil profile therefore creating a superior flush program allowing more nutrient uptake and sodium reduction. pHAcid is available in both sprayable and injectable formulations.

pHAcid Sprayable Rates: Apply pHAcid Sprayable at 32 to 64 ounces per acre in a 1 to 2 gallon spray solution per 1000 sq. ft. Apply pHAcid Sprayable as needed to manage bicarbonates, carbonates, and to reduce sodium PPM levels. Weekly, bi-monthly, or monthly program applications are recommended depending on the PPM levels of salinity, and/or bi-carbonates. For calcium bicarbonates PPM levels over 150, apply pHAcid sprayable every two weeks. When calcium bicarbonates levels are over 300 PPM apply on a weekly program.

pHAcid Injectable Rate: Apply at 1 - 2 gallons of pHAcid Injectable per 25,000 - 30,000 gallons irrigation water depending on pH and Bi-carbonate PPM Levels.