Hydrophobic soils, water repellency, and localized dry spots are constant issues on most golf courses. The common remedy for this problem has been the application of block polymer surfactants. While this is a means of treating the symptom of water repellency, ERADICATE goes a step further by actually alleviating the cause of water repellent soils.

ERADICATE is a revolutionary blend of a high quality surfactant with an innovative solvent which serves to remove the hydrophobic organic deposits which are the root cause of localized dry spots and hydrophobic conditions. Build up of organic matter and microbial activity creates coatings on the soil particle surface. Humic substances attach to the soil particle as they undergo molecular changes in the soil profile. These humic substances can accumulate in layers which become extremely hydrophobic. Dehydration changes the molecular structure even further, causing an exponentially worsening problem as the soil becomes more and more water repellent. Additionally, certain soil microbes secrete waxy organic coatings which adhere to soil particles, compounding the effects of increased humic substance accumulation.

Eradicate combines organic deposit removal agents which act as solvents to remove the detrimental organic deposits with a high quality surfactant. This serves to both eliminate the cause of hydrophobic conditions as well as hasten the re-hydration of the soil profile.

Eradicate provides a one-two punch: eliminating the cause of water repellency as well as providing increased hydration and “relief” from hydrophobic conditions.

**TURF BENEFITS OF ERADICATE:**

**ORGANIC SOLVENT:**
- Removes organic substances which contribute to water repellency
- Eliminates waxy coatings secreted by microbial activity

**SURFACTANT:**
- Facilitates re-wetting
- Brings root zone back into a normal hydration state

**ONE-TWO PUNCH!**
- Simultaneously eliminates the cause and the symptoms of water repellency

*This image shows hydrophobic organic substances which were flushed out of the root zone after applications of Eradicate.*