TRIAD 90 represents the latest technology in soil surfactants. Combining two complimentary block surfactants together with a graft polymer surfactant, TRIAD 90 provides true 90 day plus performance! This radically different chemistry increases the hydration characteristics while compensating for microbial degradation of the polymer. The result is an exceptionally uniform hydration, increased water movement, reduction in localized dry spot (LDS) and increased movement through the root zone.

Normal longer term surfactants attempt to obtain 60 – 90 days of performance simply by applying higher concentrations as a measure to offset microbial degradation, which is the leading cause of surfactant failure. Microbial activity degrades surfactants by separating the point of attachment of the surfactant on the soil particle from the hydrophilic (water attracting) component. Once this detachment has occurred, the surfactant loses its efficacy. With TRIAD 90, two complementary surfactants are grafted on to a parent molecule in a structure resembling tree branches. These branches increase the hydration characteristics of the molecule as well as mitigate the impact of microbial activity. If a “branch” of the molecule is cleaved off by microbial activity, the branch reattaches to the soil particle and retains its hydration characteristics! Even when all branches are removed, the “branchless” parent molecule retains its hydration characteristics as well.

The grafted polymer technology found in TRIAD 90 is radically different from any other long-term surfactant on the market. TRIAD 90 truly represents the leading edge of longevity and high performance surfactant technology for demanding turf environments.

**TURF BENEFITS OF TRIAD 90:**
- Extremely uniform hydration characteristics
- True 90 day plus surfactant
- Increased vertical and lateral water movement
- Reduced LDS (localized dry spot)
- Safe, non burning formulation
- Combination of 3 polymers for unsurpassed performance