



# Fix Problem Areas Fast



## What Is Aqueduct?

Aqueduct is a curative surfactant formulation designed specifically to provide rapid recovery from existing water management problems such as localized dry spot. Aqueduct can also be used as a pre-treatment tool to correct problem areas before starting a regular

preventative program. It moves water deeply into problem areas, reducing water repellency and restoring the rootzone's ability to regain optimum moisture levels. Aqueduct quickly reduces turf wilt and promotes recovery of stressed turf.

## Treat Problems Before They Appear

Aqueduct works rapidly to correct localized dry spot and other water movement issues, making it a quick and economical solution for problem areas coursewide.

It's the perfect match for areas such as mounds, slopes and bunker faces that tend to lose water quickly. By moving water more evenly into these traditionally dry areas, Aqueduct ensures that turf gets the water it needs to stay alive and play well. For areas that are hard to reach with spray equipment, try our spreadable water-dispersible SWDG granular formulation for easy application.

## Safety First!

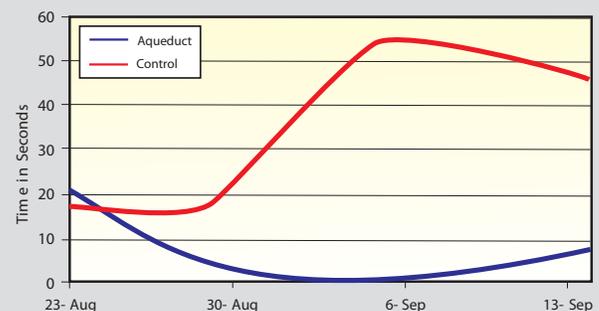
The safety of your turf, which becomes much more susceptible to tip burn and other phytotoxic reactions when under stress, is our top priority. Aqueduct has been thoroughly tested for phytotoxicity under a wide range of conditions and has been proven safe for all turf types. This high level of safety not only protects your turf but also saves you time and money – unlike most surfactant treatments on the market, Aqueduct does not need to be watered in immediately after application and can be used to treat turf under stress without concern for burning.

## Reduce Water Repellency Quickly

Soil samples collected from treated and untreated areas show that Aqueduct quickly and significantly reduces water repellency, the chief cause of localized dry spot (LDS).

Whether you're faced with LDS, wet spots or any other type of water movement problem, Aqueduct is the fast, effective tool you can depend on for rapid recovery.

### Aqueduct Speeds Water Penetration





## Aqueduct Promotes Turf Recovery

Like all Aquatrols products, Aqueduct has been tested and proven in the field by Aquatrols and a variety of independent researchers and turf managers worldwide. At the University of Florida, Fort Lauderdale Research and Education Center (FLREC), turf recovery trials were conducted on a bermudagrass USGA green that is prone to severe LDS. Aqueduct was applied at approximately 1-week intervals until the LDS symptoms subsided. The results were as follows:

- Improvement in 5 days.** Although the region was in a severe dry period at the time, the weekly Aqueduct applications quickly improved turfgrass quality and reduced the symptoms of LDS. In fact, Aqueduct-treated plots showed improvement within 5 days, following just one application.
- Increased moisture.** By May 24, less than 2 weeks into the trial, Aqueduct plots already held more moisture than the untreated control plots.
- Drastically reduced LDS.** Percentages of LDS in Aqueduct-treated plots dropped from a starting high of more than 85% to approximately 25% in just two weeks. Even during the worst of the dry season, incidence of LDS on Aqueduct-treated plots continued to decline sharply. After three weeks of treatment, Aqueduct had reduced LDS to less than 10 percent (Figure 1).
- Better turfgrass quality.** Aqueduct plots continued to show better turfgrass quality and fewer incidences of LDS throughout the dry period (Figure 2).

Figure 1

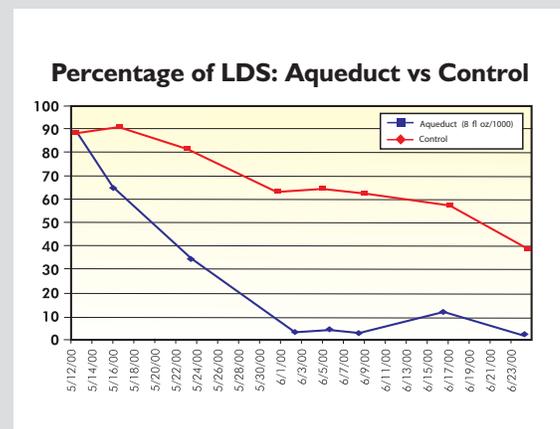


Figure 2

