

Aqua·Carbon™

**The Natural Solution to
Improve Irrigation Water,
Soil Penetration and Hydration**



800-394-1551

www.aquaaid.com

Aqua-Carbon™

SAFETY BENEFITS OF AQUA-CARBON

- Safe to handle
- Will not burn the skin
- Will not harm the environment
- Classified by DOT standards as non-corrosive
- Contains only NOP and OMRI listed ingredients

STABILIZE IRRIGATION WATER pH

High pH irrigation waters contain significant levels of carbonates and bicarbonates. When repeatedly introduced into soils, these substances shift soil pH towards the alkaline side of the spectrum. Such a shift can negatively affect soil microbiology and reduce the availability of soil nutrients. By pre-treating irrigation waters with **Aqua-Carbon**, carbonates and bicarbonates are converted to highly-soluble and organically-rich lignosulfonate salts, which stabilize soil pH and serve as a source of nutrition for soil microbes.

SOIL ACIDIFICATION WITH AQUA-CARBON

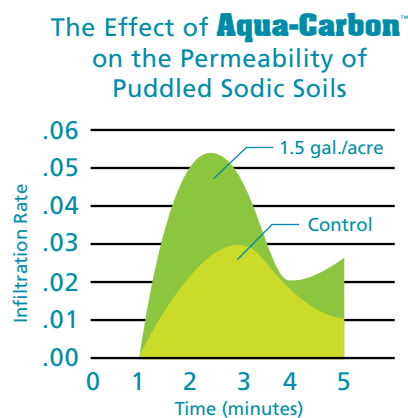
Improper soil pH can adversely impact turf quality. Originating from organic plant material, **Aqua-Carbon** conditions soils by reducing alkalinity and lowering soil pH.

Field trials have shown that the addition of **Aqua-Carbon** to standard fertility programs can:

- Add organic matter
- Reduce soluble salts
- Increase cation exchange capacity
- Stimulate microbial activity in the soil
- Improve water penetration

In addition, the long term use of Aqua-Carbon can:

- Increase readily available calcium and organic sulfur to soils
- Provide both rapid and slow release carbon to soils



Distributed by:

USE BENEFITS OF AQUA-CARBON

- Lowering the pH of irrigation water
- Increasing infiltration of applied water
- Increasing soil moisture
- Softening seed coat for germination
- Minimizing scale formation in drip irrigation lines
- Maximizing nutrient availability
- Optimizing soil pH

COMPOSITION

Aqua-Carbon is a combination of a modified organic acid derived from lignin and a non-toxic, non-ionic, biodegradable water base formulation of surfactants and wetting agents.

Active Ingredients:

Lignin, Alkyl Ethoxylates and Sulfonates.

Aqua-Carbon is available in 250 and 55 gallon recyclable containers*.

*Check with your distributor for availability.

APPLICATION RATES

General Turf

Inject 1 to 1.5 gallons per acre (9.3 to 14 liters per hectare) weekly throughout the growing season.

Tank mix 3 to 5 ounces per 1000 ft² (95 to 160 ml per 100 m²) weekly throughout the growing season.



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