



pHairway®

Water Treatment Additive

pHairway® is an intelligent choice for irrigation water treatment. It contains acid in a more controlled complex form that provides a way of avoiding the dangerous mineral acids. pHairway® makes it possible to utilize acids in association with turf treatment, reducing risk to personnel. Treating irrigation water with pHairway® can improve water penetration.

Derived From  
Monocarbamide dihydrogen sulfate

Physical Characteristics

- Liquid
- Weight per gallon: 12.65 lbs.
- Specific gravity: 1.52
- Gallons per Ton: 158
- Color: Orange
- Viscosity, cps: 49
- pH: less than 1
- Crystallization Temperature: 42° F

(This product readily supercools and may not immediately crystallize at lower temperatures)

Benefits of Use

- Conserve Calcium and Magnesium on soil exchange sites and aids in removal of Sodium
- Improves water penetration
- Improves soil structure
- Releases soil nutrients tied up at high pH ranges
- Improves effectiveness of many pesticides by reducing alkaline hydrolysis
- Increases efficiency and responsiveness of fertilizers

Problem Conditions Improved with  
pHairway®

- Poor drainage and slow water penetration conditions in soils. Sodic conditions in soils
- Soils unresponsive to fertilizer applications
- Poor response to soil applied pesticides

Application Instructions

pHairway® Water Treatment additive should only be applied by carefully controlled injection into irrigation water.

Application rates should be determined by laboratory titration of pHairway into irrigation water sufficient to reduce bicarbonate levels below 2.0 equivalents per Liter (120ppm) bicarbonates on bentgrass and bluegrass and 3.0 equivalents per Liter (180 ppm) bicarbonates on bermudagrass.

Rates to accomplish this may vary depending on total dissolved solids (TDS) and total buffering capacity of irrigation water.

PACKAGE AVAILABILITY

pHairway® is available in:

- 275 gallon mini bulk
- Bulk

Handling and Storage

Store between 40-95° F. Avoid direct heat or fire. Decomposition may occur at high temperatures (above 225° F.). Do not freeze!

Keep out of reach of children. Harmful if swallowed. Avoid inhalation, eye contact, or ingestion. Avoid prolonged or repeated contact with skin which may cause irritation. Wash thoroughly after handling. Corrosive.

CONDITIONS OF SALE

1. Douglass Fertilizer & Chemical, Inc. (DFC) warrants that this product consists of the ingredients specified and is reasonably fit for the purpose stated on this label when used in accordance with the directions under normal conditions of use. No one other than the officer of DFC is authorized (and such authorization must be in writing) to make any other warranty, guarantee or direction concerning this product.

2. Because the time, place, rate of application, weather conditions and normal or abnormal conditions of use or storage are beyond DFC's control, DFC's liability is limited to replacement of product or refund of purchase price. In no event shall DFC be liable for indirect or consequential damages.



A Division of Douglass Fertilizer & Chemical, Inc.  
3281 Metro Parkway  
Ft. Myers, FL 33916

800-375-5274 • 239-332-1319 Fax  
www.liquidag.com