



## pH Reducer 401

Guaranteed Content (w/w):





Hydroxycarboxylic acid **43%**

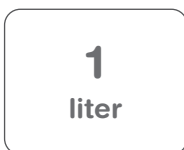
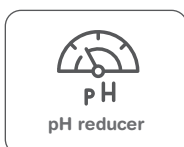
Organic Matter(O.M) **25%**

Organic Carbon(O.C) **15%**

 **Physical Appearance:**  
Liquid/ L

**Suitable for:**

-  **Fruits**
-  **Field Crops**
-  **Vegetables**
-  **Greenhouses**



**Producer: Bazargankala Co.**

## Reducing the pH of water | Supplying soil organic matter | Increasing the stability and effectiveness of fertilizers and pesticides

### Introduction:

"Nutritech pH Reducer 401" contains organic acids that are used to reduce and adjust pH of water. pH Regulation is important for increasing the absorption of nutrients by plants and improving the activity of beneficial microorganisms in the soil.

### Technical Information:

Content				
pH Reducer 401		Hydroxycarboxylic acid	Organic Matter(O.M)	Organic Carbon(O.C)
	w/w	43%	25%	15%
	w/v	55%	32%	19%

Considering alkaline agriculture soils in Iran, the absorption of nutrients is disturbed, so application of "Nutritech pH Reducer 401", which adjusts pH of the soils and water in Rhizosphere, is very important. On the other hand, "Nutritech pH Reducer 401" helps maintain the effectiveness of foliar application by reducing the pH of water.

In adjusting the pH of spraying tanks, it is very important to know the approximate pH of the final solution as it profoundly affects the absorption and efficiency of the application. "Nutritech pH Reducer 401" has an identifying substance which can show the approximate pH of the final solution and consequently maximizes the efficiency.

### Application Guide: Foliar Application/Irrigation

Application Rate	Method
3-5 lit / ha (Irrigation)	Drip irrigation & Soil Application
3-5 lit / 1000	Descaling of the irrigation system
0.5-1 lit /1000	Foliar Application by fertilizers & Pesticides

\*"pH Reducer 401" should add to tank slowly Based on the recommended dose and mix by mixer regularly and measure pH up to the right point.



## pH Reducer 401

### Features & Advantages:

- Increasing the absorption of nutrients by reducing the pH of the Rhizosphere.
- Improving the activity of beneficial microorganisms in the soil by pH regulation.
- Increasing fertilizers and pesticides efficiency.
- Supplying soil organic matter .
- Descaling of irrigation systems.
- Contains pH indicator

### Cautions & Disclaimers:

- Avoid mixing with copper compounds and sulfur derivatives.
- Should it be mixed with any other materials, jar test and small- scale application are highly recommended.
- The dosage and recommendations above are general. In order to be exact and most effective, soil and tissue analysis should be considered and also consultation of local experienced agronomists is highly recommended.
- The liability of the producer is limited to the guaranteed content and physical characteristics as claimed; the producer shall not be liable for anything out of its control.
- This product is NOT miscible with alkaline solutions, sulfur products highly acidic and pesticides and shall not be mixed with the mentioned products.
- The product shall be kept in 5-30 degrees centigrade and also NOT under the direct sunlight and away from flammable materials.
- Foliar application shall be applied in the coolest time of the day during the day time (early morning or near sunset).
- The product should be directly applied as foliar mixture, so undiluted use of it is prohibited.
- Use acceptable quality of water for foliar application.
- Shake well before application and during application use gloves and goggles.