

# A Water pH Crop Aid

# Alternative Control of pH in Crop Production

## GENERAL INFORMATION

IWC-pH is a proprietary blend of organic acids and metal complexing agents that will safely lower irrigation water pH while minimizing the potential for damage to irrigation equipment.

The majority of irrigation water applied in the intermountain west has an alkaline pH. The use of this alkaline water generally promotes or maintains an alkaline pH soil. Many vital nutrients, such as iron, manganese, boron, copper, and zinc, become less available and even limiting in alkaline soils.

By acidification of the irrigation water these nutrients can become available for a period of time. The plant can absorb the limiting nutrients which can result in increased plant growth, health, and yield.

## CONDITION OF SALE

Seller warrants that the product conforms to its chemical description and is reasonably fit for the purpose stated on this label when used in accordance with directions under normal conditions of use. Since weather, crop, soil, and other conditions may vary, Northwest Ag Products, Inc. and/or seller make no warranty of any kind, expressed or implied, concerning the use of this product. The user assumes all risks of use of handling, whether or not in accordance with directions or suggestions.

Information regarding the contents and levels of metals in this product is available on the internet:  
<http://www.aapfco.org/metals.htm>

# IWC

## Irrigation Water Conditioner



## INGREDIENTS

1-1-propane carboxylic acids .....	13%
Hexametaphosphate .....	2%
Glass H phosphite .....	3%

Weight 8.91# per gallon



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## DIRECTIONS FOR USE

IWC-pH is applied through the irrigation system.

IWC-pH should be injected continuously.

The desired pH range for the irrigation water is between pH 6.2 to pH 6.7.

IWC-pH will dissolve the calcium carbonate build-up inside irrigation lines. This dissolution process begins closest to the point of injection and moves toward the farthest point in the irrigation system. This action neutralizes the acidity in the IWC-pH so that the applied water will still be alkaline until all of these dissolved carbonates are removed up to the point of water application (ask your dealer for the ICW-pH Tech Data Sheet for more information on this).

## APPLICATION RATE

The desired water pH is between 6.2 and pH 6.8. The amount of IWC-pH will vary depending on the water supply. Start at 1 gallon of IWC-pH per 10,000 gallons of irrigation water. Measure the irrigation water at the point farthest from the injection point. Modify amount as needed.

## PRECAUTIONARY STATEMENT

Conduct a small scale test for compatibility before combining this product with other agricultural products in a full size batch.