



F000106



# NOVA<sup>TM</sup> GREEN

**PH REDUCER**  
**CITRIC ACID**

**FOR THE ENTIRE CROP CYCLE**

**Net Contents: 2.5 Gallons (9.46 Liters)**  
**Net Weight: 20.9 lbs (9.5 kg)**

# NOVA<sup>TM</sup> GREEN

## PH REDUCER CITRIC ACID

- Aids in Adjusting Soil Media and Water pH
- Safe Alternative to Corrosive Acids
- Tank Mix Buffer Solution
- Includes a Chelating Agent to Solubilize Built-Up Minerals



**OPEN**  
Resealable Label  
for Directions &  
Precautions

### CONTAINS NON-PLANT FOOD INGREDIENTS:

Active Ingredients:

Citric Acid .....50%  
Yucca schidigera (as Wetting Agent) .....0.0025%

Inactive Ingredients: (Water) .....49.9975%

pH .....1.5

FIRST AID	
<b>IF SWALLOWED:</b>	Call a poison center or doctor if you feel unwell. Rinse mouth.
<b>IF IN EYES:</b>	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a poison center/doctor.
<b>IF ON SKIN:</b>	Remove contaminated clothing and wash skin with plenty of soap and water. If skin irritation occurs, get medical advice/attention.
<b>IF INHALED:</b>	Call a poison center or doctor if you feel unwell.
You may also contact 1-800-992-5994 day or night for emergency treatment information. If medical advice is needed, have product container or label at hand (P101), Keep out of reach of children (P102), Read label before use (P103).	
<b>STORAGE:</b> Keep container tightly closed. May be stored in unheated area, but keep from freezing. Store in areas inaccessible to children and pets.	
<b>DISPOSAL:</b> Dispose of contents/container in accordance with local/regional/national/international regulations. Do not reuse container.	

The following precautionary statements and pictograms are based on The Globally harmonized System of Classifications and Labeling of Chemicals (GHS) and are mandated by the Occupational Safety and Health Administration (OSHA)



**WARNING**  
H319 Causes Serious Eye Irritation

Manufactured in the USA by:



80 Lafayette Ave, White Plains, NY 10603  
Questions? Call toll free (800) 648-7626  
[www.growthproducts.com](http://www.growthproducts.com)



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

BAR CODE

## Application Rates

Application	Rate	Frequency / Notes
<b>Hydroponics: Acidifying Alkaline water</b>	Mix 1 ml per gallon water (For larger applications mix 2 fl oz per 100 gal water)	Measure the pH of your tank water. Add diluted pH Reducer to tank. Wait 15-30 minutes, and test your water again. If pH is not sufficiently lowered, continue to adjust pH over several additions. Check pH every few days to adjust.
<b>Adjusting Growing Media</b>	Mix 1-2 ml per gallon water (For larger applications mix 4 fl oz per 100 gal water)	Take a sample of your soil or soilless mix and take the pH. Add diluted pH Reducer to soil sample and let stand 24 hours. Take another pH reading. If pH is not sufficiently lowered adjust rate accordingly. It is better to adjust soil pH slowly over several waterings.
<b>Hand Watering</b>	Mix 1/2 - 3/4 teaspoons pH Reducer per gallon water	Saturate soil with solution.

### **PRODUCT DESCRIPTION:**

pH Reducer is a valuable tool for successful cannabaceae crops. It is approved for use in organic production by WSDA (Washington State Dept. of Agriculture). A safe alternative to buffer both soil and water, use in place of highly corrosive acids that are dangerous to handle and can quickly burn a crop's delicate roots. It can be used on outdoor soil, soilless media mixes and to buffer the pH of water.

### **DETERMINE THE BUFFERING CAPACITY:**

The buffering capacity is the ability to resist change in pH and is different for every water supply and soil or soilless mix. Bringing about a pH change in a weakly buffered soil or water will require less pH Reducer than in a highly buffered soil or water. Remember that it is better to begin by adding too little pH Reducer than to add too much. DO NOT add other chemicals to diluted pH Reducer when adjusting pH.

### **APPLICATION & MIXING:**

Lower pH safely and gradually with the gentle formulation of pH Reducer. It's ideal for use in any spray equipment, and fertigation, irrigation, drip or hydroponics systems. Be sure to slowly add pH Reducer to any mix and check with a pH meter or litmus paper until desired pH is reached. It is compatible with other technical materials, including fungicides, however, all product labels must be read to make sure the acidic pH will not affect the performance of the mixture.

### **STORAGE & HANDLING:**

pH Reducer can be stored in normal warehouse conditions. It has an acidic pH of 1.5. Always store in original container, out of direct sunlight. Do not store below 32° F. Do NOT Freeze. Do not store above 100° F for long periods of time. Refer to SDS for additional information on storage, handling, safety, disposal and shipping.

### **Notice - Read carefully conditions of sale and limited warranty statement.**

BE AWARE that growing cannabaceae without an appropriate license is illegal in the US. Anyone committing an offense contrary to local law may be imprisoned or fined, or both. As cannabaceae is illegal to grow in many states, we are not responsible for any illegal use of this product. You must be at least 21 years old to purchase this product and in a state where it is legal to use. Keep out of the reach of children. The germination of hemp seeds and cultivation of cannabaceae is restricted or illegal in several states and countries. Persons considering implanting procedures should consult an attorney before doing so as possessing, using, growing and/or germinating cannabaceae, or cannabaceae is illegal under certain laws. Growth Products Ltd. does not advocate breaking the law or acting in any way that violates any local, federal or other applicable laws or regulations. For full restrictions, see [www.growthproducts.com/restrictions](http://www.growthproducts.com/restrictions).