



F000106



NOVATM 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)

NOVATM 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 Acid50%
Yucca schidigera (as Wetting Agent)0.0025%

Inactive Ingredients: (Water)49.9975%

pH1.5

FIRST AID	
IF SWALLOWED:	Call a poison center or doctor if you feel unwell. Rinse mouth.
IF IN EYES:	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a poison center/doctor.
IF ON SKIN:	Remove contaminated clothing and wash skin with plenty of soap and water. If skin irritation occurs, get medical advice/attention.
IF INHALED:	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).	
STORAGE: Keep container tightly closed. May be stored in unheated area, but keep from freezing. Store in areas inaccessible to children and pets.	
DISPOSAL: 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



BAR CODE

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

Application Rates

Application	Rate	Frequency / Notes
Hydroponics: Acidifying Alkaline water	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.
Adjusting Growing Media	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.
Hand Watering	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 hemp 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.