



MICROBE™
Life
HYDROPONICS

Aquaponics
Safe

pH
UP

This Product Does Not Contain Microbes

Safely
raises pH

0-0-0

pH UP is formulated with deionized and UV sterilized water. When used as directed, **pH UP** will safely raise pH levels in nutrient solutions and will never harm plants.

Osmoregulation in Plants

In plants, the stomata are important in regulating water loss through evapotranspiration and, on the cellular level, the vacuole is crucial in regulating the concentration of solutes in the cytoplasm. Low humidity and high temperatures all increase evapotranspiration from leaves.

Satisfaction Guaranteed

If you are not 100% satisfied, return the UPC code along with your sales receipt for a full refund.

Michael Richter
CEO, ECOLOGICAL LABORATORIES, INC.

Caution

Follow directions carefully. Keep out of the reach of children. Avoid contact with eyes. If contact occurs, flush eyes thoroughly with cold water. May stain fingers or fabrics.

E Ecological Laboratories INC.

Providing Environmental Solutions Since 1976
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Ecological Laboratories Inc.
accepts no liability for damage
or injury resulting from misuse
or mishandling of this product.

Expiration date is printed on bottle.



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Application Uses

pH UP may be used with nutrient solutions for all hydroponic, NFT, drip systems, aeroponic, irrigation as well as continuous liquid feeding systems.

Media Uses: May be used with all soilless media including Coco Coir.

Always check for pH and CF levels.

Directions & Dosage Rates

Shake well before using. Store in a cool, dry place. Do not store in direct sunlight. Add 1/4 teaspoon (1.25 mL) of **pH UP** for every 10 gallons (38 L) of water for each 0.1 unit of pH increase desired. Make adjustments in steps based on starting pH, taking readings between steps until your target pH is reached. Depending on your water quality some cloudiness may appear during pH adjustments.

Note: As with all pH adjusting products, the alkalinity level (water hardness) should be adjusted to a normal rate of 100-200 ppm before any effective and stable pH adjustment is made. Make the recommended application in several steps to avoid over-adjustment and pH bounce.

Contains Non-Plant Food Ingredients

50%.....	Sodium Hydroxide
50%.....	Deionized water (inert ingredient)
100%.....	Total

Information regarding the contents and levels of metals in this product is available on the Internet at <http://www.aapfco.org/metals.htm>. For additional information on the contents of this product and/or additional directions for its usage, please contact us at the address on the label.

Please recycle the empty container.



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