







pH Up pH Buffering Solution

pH Up is the ideal product for regulating the pH of plants in all substrates and hydroponic systems. It's used to raise the pH of irrigation water and hydroponic solution when the pH is low (acidic). Having a balanced pH buffer regulates pH without impacting nutrient concentrations and ratios.

Maintaining the correct pH in the root zone is essential for maximizing plant development. pH Up allows the grower to raise the pH when it's below the desired level, avoiding deficiencies in cultivation.

Key Benefits



Advantages

 Nutrient Availability Enhancement: pH Up's ability to maintain an optimal pH range enables plants to absorb essential nutrients more efficiently, reducing the risk of deficiencies and related growth problems.

Product Characteristics

• Liquid potassium hydroxide.



Different Applications



Guaranteed Analized (%w/w)

Potassium Hydroxide 30%

Compatibility

Most hydroponic systems (NFT, DWC, drip systems, etc.) Add pH Up last.

Packaging



*Subject to availability in our warehouse stock.

Applications and Directions

The ideal pH for most crops is between 5.3 to 6.5.

Below or above these amounts, plants will present nutritional deficiencies caused by unbalanced pH. These deficiencies will cause the plant to show symptoms similar to those caused by a lack of nutrients. However, adding more nutrients will not solve the problem! In these cases the pH must be corrected!

Always remember that analyzing pH should be performed on two fronts. The water being applied to the substrate as well as the water runoff that flows out the bottom of the container. Knowing the pH of your substrate can be just as important as knowing the pH of your irrigated water.

If the runoff pH is HIGHER than the pH of the water added, then the SUBSTRATE pH is higher than your desired level and must be lowered. Water with a lower pH to try to correct the imbalance.

If the pH of the runoff water is LOWER than desired, then prepare irrigation water with a higher pH to raise the pH within the substrate.

pH Up can be used in potted crops, and closed containers, to regulate the pH of the irrigation water. For large fields of un-potted crops, consult with one of our agronomists in your region to customize a program implementing lime to adjust the pH.

Dosage

The amount of product needed to achieve a desired pH varies according to the pH of the water, the fertilizers, additives, and the buffering capacity of the nutrient solution. First measure the pH with a calibrated meter and slowly add Formula 1 pH Up until the desired pH is reached.

Instructions

- Add to nutrient solution in small doses until the desired pH is reached.
- Por the first time using this product, add a small amount and wait 5 minutes for the pH to stabilize before readjusting the pH. The amount required for pH adjustment will vary depending on the EC/PPM of the nutrient solution and the quality of the water added to your nutrient reservoir.
- 3 When possible, always use reverse osmosis water in your nutrient solution for ideal pH stability.
- 4 For most plant species, start with a pH range between 5.5 to 6.5. The first time using this product, we recommend using both a digital pH meter as well as pH strips.



DANGER: CAUSES BURNS. Avoid contact with eyes, skin and clothing. HARMFUL IF SWALLOWED. Do not taste or ingest. Follow the FIRST AID recommendation if this product comes in contact with your eyes: Immediately flush the eyes thoroughly with water for 20 minutes. Remove glasses and contact lenses before rinsing your eyes. If this product makes contact with the skin: Quickly rinse the skin surface with an ample amount of water for 20 minutes. If ingested: The individual should drink water. Do not induce vomiting. If ingested, contact the poison control center or a doctor for treatment advice or you may call 1-480-938-3366.

ALWAYS KEEP OUT OF REACH OF CHILDREN. USE AND HANDLE WITH EXTREME CAUTION. CAUSES BURNS TO SKIN. DANGEROUS IF SWALLOWED.



STORE IN A COOL DARK LOCATION. ALWAYS MIX BEFORE USING.



To measure the pH of the substrate in a pot, follow this



Irrigate the plant until

water starts to flow out

the bottom of the pot.



water in a container and measure its pH.



pH Up is designed to raise low pH in all substrates and hydroponic systems. Its balanced formula regulates pH without altering nutrient concentrations, ensuring optimal plant health with high-quality ingredients. Maintain perfect balance for better growth!

Key Product Information



Access SDS, labels, catalogs and other essential product documents in one place. Simply scan the QR code for instant access.

Updated 22/05/2025

DH THE PERFECTLY BALANCED pH BUFFERING SOLUTION Quality 🚺 蕢 J. 0% SET AND MAINTAIN SHAKE WELL THE IDEAL SOLUTION FOR or best results use wi 6 months of openin **REGULATING THE PH OF PLANTS!** 20 L strormula 1



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