



PH BOOSTER 0-0-25

FROM POTASSIUM CARBONATE

- Quickly Adjust pH Up
- Does Not Contain Chlorides
- Food Grade Potassium Carbonate
- Quickly Corrects Potassium Deficiencies

- Improves Turgor Pressure of Plant Cells
- Safe with Low Phytotoxicity and Low Salt Index
- Ideal for All Media

GUARANTEED ANALYSIS:

Soluble Potash (K_2O) 25%
Derived From: Potassium Carbonate
pH 12

PRODUCT DESCRIPTION

pH Booster is a unique product formulated from technical grade potassium carbonate. It has the lowest salt index of any potassium source and will immediately raise the pH of any water, soil or soilless media to its desired level. Since it is a clear liquid solution it will easily penetrate soil and soilless media into the root zone. In growing media, pH can change rapidly causing deficiencies in nutrients. Natural decomposition of organic matter in soils releases hydrogen ions resulting in the soil becoming more acidic.

pH Booster is the most soluble and safest source of potassium that can quickly absorb and correct any potassium deficiencies. It does not contain any harmful chlorides. It will not settle out of solution, making it the most reliable potassium source available, supplying readily available K for steady, fast uptake.

PH ADJUSTMENT:

Checking the pH of both water and soil prior to use and during the growing stages of a crop is very important. pH is affected by fertilizer usage, water and decomposition of growing media. This can drastically affect both availability of nutrients to the crop and the ability of the crop to take up nutrients. It is a crystal clear, highly soluble solution that will quickly adjust the pH to the desired range. It can be applied through irrigation systems, hydroponics and to any soil or soilless media.

APPLICATION & MIXING:

pH Booster can be applied to all crops including outdoor, indoor and hydroponics. For use on all growing media such as soil, soilless mixes and hydroponics. It has an alkaline pH of 12 so it will help raise the pH of both soil and water supplies to the optimal pH growing range. It is a true solution and needs no extra mixing. It must first be diluted with water prior to combining with other nutrients or technical materials. Do NOT mix concentrates together or with highly acidic materials that contain phosphorous. Always fill tank $\frac{3}{4}$ full with water before adding concentrates. When using with a phosphorous source, first dilute with appropriate amounts of water then add pH Booster slowly, while continuously mixing. A small amount of efferves-

cence will occur.

For optimal results, the pH of your tank mix solution should be in the range of 6 – 7. It's ideal for use in any spray equipment, and fertigation, irrigation, drip or hydroponics systems.

STORAGE & HANDLING:

pH Booster should be stored in normal warehouse condi-



Application Rates		
Application	Rate	Frequency / Notes
Hydroponics: Raise the pH of acidic water	Mix 1-2 ml per gallon water (For larger ap- plications mix 4 fl oz per 100 gal water)	Measure the pH of your tank water. Add diluted pH Booster to tank. Wait 15-30 min- utes, and test your wa- ter again. If pH is not sufficiently raised, con- tinue to adjust pH over several additions. Check pH every few days to adjust.
Adjusting Growing Media	10 ml per gal- lon water (For larger applica- tions mix 32 fl oz per 100 gal water)	Take a sample of your soil or soilless mix and test the pH. Add di- luted pH Booster to soil sample and let stand 24 hours. Take another pH reading. If pH is not sufficiently raised adjust rate ac- cordingly. It is better to slowly adjust soil pH over several waterings.
Hand Watering	Mix 1/2 - 3/4 teaspoons (3-4 ml) pH Reducer per gallon wa- ter	Saturate soil with solu- tion.

tions. Do not store below 32° F. In freezing temperatures, pH Booster may develop a precipitate which should disappear when returned to a warm temperature. Do not store above 100° F for long periods of time. pH booster is not corrosive. Always store in original container and keep tightly sealed. Refer to SDS for additional information on storage, handling, safety, disposal and shipping.

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

H315 Causes Skin Irritation
H319 Causes Serious Eye Irritation
H335 May Cause Respiratory Irritation

Condition of Sale and Warranty: Growth Products, Ltd. warrants that the product conforms to its chemical description and is reasonably fit for the purpose stated on the label only when used in accordance with label directions under normal conditions of use. Handling, storage and use of the product by Buyer or User are beyond the control of Growth Products, Ltd. and Seller. Risks such as crop injury or other unintended consequences resulting from, but not limited to, weather or soil conditions, presence of other materials, disease, pests, drift to other crops or property, or failure to follow label directions will be assumed by Buyer or User. IN NO CASE WILL GROWTH PRODUCTS, LTD. OR SELLER BE HELD LIABLE FOR CONSEQUENTIAL, SPECIAL, OR INDIRECT DAMAGES RESULTING FROM THE HANDLING, STORAGE OR USE OF THIS PRODUCT.

Manufactured in the USA By: 

