0-0-25 Liquid Potassium

The Purest Form of Potassium

- ***Excellent For Raising pH***
- ***Low Phytotoxicity***
- ***Raises pH to Correct Iron Toxicity on Geranium***
- ***Quickly Corrects K Deficiency***
- ***Easily Absorbed Through Leaf Tissue***
- ***No Chlorides, No Salts***

Guaranteed Analysis:

Soluble Potash (K_2O) 25%
Derived From: Potassium Carbonate
Weight per gallon . . . . . .11.2 lbs.
pH 12

Product Description:

pH Booster is a crystal clear concentrate solution containing a very safe and reliable source of potassium from potassium carbonate. Each gallon of pH Booster contains 2.9 lbs. of potassium. It does not contain any chlorides and has the lowest salt index of any potassium source. Potassium deficiencies can be quickly corrected for both greenhouse and nursery crops. It is extremely efficient as a foliar feed to correct potassium deficiencies. Because of 0-0-25's low salt index, the volume of irrigation water can be reduced during the application to avoid over saturation of soil. For newly planted plants, 0-0-25 can be applied as soon as the seeds have emerged.

As a pH booster, 0-0-25 will adjust both water pH and soil. It is important to check the pH of any mix prior to use. Each soil mix will have a different buffering capacity (resistance to a change in pH levels). For example, bark is more resistant than other soilless mixes. Be sure to check the pH of your mix after each application. pH Booster can be mixed with other lime or flowable lime products to make their slurry more flowable and increase the performance of those products.

It can be applied through overhead irrigation as a foliar spray, or drenched into the roots. pH Booster crystal clear solution does not settle out as a concentrate or when diluted for use, and therefore provides the precise analysis of nutrients throughout its entire use. A major advantage of pH Booster is that it can be directly siphoned from the original container with a high ratio proportioner.

pH Booster is alkaline, with a pH of 11. As a result, it will raise the pH of your stock tank and will raise the pH of your soils.

Application Recommendations:

pH Booster needs no mixing and will not settle out of solution. Like all Growth Products formulations, it is ideal for any type of fertigation system, drip irrigation or spray equipment. Use pH Booster on all types of bedding plants, perennials, cut flowers, plugs, ornamentals, nursery crops, trees, foliage and container plants.

Direct Siphon: pH Booster can be siphoned directly from the original container. This can be done with a variable proportioner that can be set to high ratios. This eliminates the need to mix stock concentrates or stir the mixing barrels. For 100 PPM potassium, set injector to 1:3300; for 200 PPM, set injector to 1:1650.

pH Booster							
Fluid Ounces of pH Booster per Gallon of Water							
PPM Potassium	25	50	75	100	150	200	300
1:500	5	10	14	19	29	58	77
1:300	3	6	9	12	17	35	46
1:200	2	4	6	8	12	23	31
1:100	1	2	3	4	6	12	15
1:50	.50	1	1.5	2	3	6	8
1:15 Ratio for Hozon Proportioner							
1:15	0.14	0.29	0.43	0.58	0.87	1.16	1.74

Crop Program		
Application	Rate	Notes
Geranium	For quick correction of pH imbalance that can lead to iron toxicity, apply 1 quart per 100 gal water (1 L per 400 L water)	Apply every 2 weeks or as needed.

Parts Per Million: Use the Parts Per Million chart to choose desired potassium ratio.

Foliar Feeding: When using overhead irrigation, pH Booster gives you dual efficiency since the nutrients will be absorbed by both the leaves and roots. For tender plants and greenhouse foliar spray applications use one-half the rate (PPM) you would normally use for drip irrigation feeding. Foliar feeding should not be used when plants are in bloom.

Hand Watering: Mix ½ to ¾ teaspoon pH Booster per gallon of water. Saturate soil with mix.

Storage & Handling:

Storage: All Growth Products horticultural fertilizers can be stored in normal warehouse areas. pH Booster has an alkaline pH of 11. Always store in original container and keep sealed.

Mixing: ph Booster can NOT be mixed with calcium or magnesium materials. Be sure to check all other technical materials prior to mixing with pH Booster. pH booster is alkaline and has a pH of 11. Do a jar test before use with other technical materials. pH booster will raise the pH of your stock tank and will raise the pH of your soils.

Crop Application Recommendations		
Crop	**Rate**	**Application Timing / Intervals**
Bananas	1 - 3 gallons per acre (9-28 liters per hectare)	Apply at 2 - 3 week intervals. 20-30 applications per year.
Berries, such as (but not limited to): Blueberry, Blackberry, Raspberry, Strawberry	½ - 2 gallons per acre (5-18 liters per hectare)	Apply prior to bloom. Repeat at fruit set to early fruit color. Repeat every 14 - 21 days until harvest.
Bulb Vegetables, such as (but not limited to): Onions, Garlic, Shallots	½ - 1½ gallons per acre (5-14 liters per hectare)	Apply 3 times each season starting when first early-set is 3 inches, then at midseason, and then 2-3 weeks prior to harvest.
Citrus, such as (but not limited to): Grapefruit, Lemons, Limes, Oranges, Pomelo, Tangelo, Tangerines	½ - 3 gallons per acre (5-28 liters per hectare)	Apply early spring and on flush growth. Apply at pre-bloom to increase fruit set. Apply post bloom to 3rd petal fall to increase fruit size and cell elongation. Repeat in 30 days and when nitrogen needs are evident. Can be applied with crop protection sprays.
Cole Crops, such as (but not limited to): Broccoli, Cauliflower, Cabbage, Brussels Sprouts, Collards	½ - 2 gallons per acre (5-18 liters per hectare)	Apply at early head formation and repeat 14-21 days later.
Cucurbits, such as (but not limited to): Cucumber, Cantaloupe, Squash, Pumpkin, Melons	½ - 3 gallons per acre (5-28 liters per hectare)	Apply at early bloom and repeat approximately 4 weeks later.
Field Crops, such as (but not limited to): Barley, Corn, Oats, Peanut, Rice, Soybean, Sugar Beet and Wheat.	½ -3 gallons per acre (5 - 28 liters per hectare)	Apply at flag leaf emergence or before flowering and repeat in 14-21 days after pollination.
Fruiting Vegetables, such as (but not limited to): Peppers, Tomato, Eggplant, Okra, Tomatillo	½ - 2½ gallons per acre (5-23 liters per hectare)	First application at early bloom. Repeat at fruit set and again 15 to 30 days later. Apply 3 to 4 weeks prior to harvest to strengthen canopy to reduce sunburn.
Grapes, such as (but not limited to): Wine and Table Grapes	¼ -2 gallon per acre (2-19 liters per hectare)	Apply at shoot growth to promote full canopy. Reapply at bloom to set fruit, and then again after bloom when nitrogen is needed.
Grasses Grown for Seed, Sod Production, Pasture, Forage and Alfalfa	¼ - 2 gallons per acre (2-19 liters per hectare)	Apply in early spring for good growth, then apply monthly and again after harvesting.
Herbs and Spices, such as (but not limited to): Coriander, Basil, Chives, Dill, Rosemary, Sage & Mint	¼ - 1 gallon per acre (2 -9 liters per hectare)	Apply after planting and reapply after harvesting.
Leafy Vegetables, such as (but not limited to): Lettuce, Celery, Spinach, Parsley, Radicchio	½ - 2 gallons per acre (5-18 liters per hectare)	Apply after transplanting, thinning, or at 2nd true leaf stage. Apply subsequent application at 7-14 day intervals. Use as needed to supplement nutritional requirements.
Legumes and Pulses, such as (but not limited to): Beans, Green Beans, Snap Beans, Lentils, Peas	½ - 2 gallon per acre (5-19 liters per hectare)	Apply shortly after first flower appears. Repeat 10 - 14 days later.
Root, Tuber and Corm Vegetables, such as (but not limited to): Carrot, Potato, Sweet Potato, Beets, Ginger, Radish, Ginseng, Turnip	½ - 3 gallons per acre (5-28 liters per hectare)	Apply after transplanting, thinning, or at 2nd true leaf stage. Apply subsequent application at 10-15 day intervals. Use as needed to supplement nutritional requirements.
Tree Fruits and Nuts, such as (but not limited to): Almond, Apple, Apricot, Cacao, Cherry, Coffee, Filbert, Nectarine, Olive, Peach, Pear, Pecan, Pistachio, Plum, Prune, Quince and Walnut	½ - 3 gallons per acre (5-28 liters per hectare)	Apply first application at green tip, pink bud, dud swell or early bloom. Apply at 30 day intervals up to harvest for improved sizing. Apply post harvest in 1 or 2 applications. Apply as needed to supplement nutritional requirements.
Tropical / Sub Tropical Fruits, such as (but not limited to): Avocados, Coffee, Dragon Fruit, Durian, Mangos, Papaya, Pineapples, Rubber Trees	½ -2½ gallons per acre (5-23 liters per hectare)	Apply on new major growth and on successive flushes. Spray monthly until harvest. Do not apply during bloom.

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.

CAUTION: Keep out of reach of children. In case of contact with eyes, flush immediately with copious amounts of water. Contact a physician. Do not take internally.

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