



# 0-0-25 LIQUID POTASSIUM

## THE SAFEST FORM OF POTASSIUM FOR ADJUSTING PH

- **Excellent for Raising pH**
- **Low Phytotoxicity**
- **Raises pH to Correct Iron Toxicity on Geranium**

### GUARANTEED ANALYSIS:

Soluble Potash (K<sub>2</sub>O) ..... 25%  
 Derived From: Potassium Carbonate  
 Weight per gallon ..... 11.2 lbs.  
 Weight per liter ..... 1.34 kg.  
 pH ..... 12

### PRODUCT DESCRIPTION:

0-0-25 is a crystal clear, concentrate solution containing a very safe and reliable source of potassium from potassium carbonate. Each gallon of 0-0-25 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.

0-0-25 will raise both water and soil pH. 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. 0-0-25 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. 0-0-25 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 0-0-25 is that it can be directly siphoned from the original container with a high ratio proportioner.

0-0-25 is alkaline, with a pH of 12. As a result, it will raise the pH of your stock tank and your soils.

### APPLICATION RECOMMENDATIONS:

0-0-25 needs no mixing and will not settle out of solution. Like all G.P. Solutions formulations, it is ideal for any type of fertigation system, drip irrigation or spray equipment. Use 0-0-25 on all types of bedding plants, perennials, cut flowers, plugs, ornamentals, nursery crops, trees, foliage and container plants.

**Direct Siphon:** 0-0-25 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 con-

- **Quickly Corrects K Deficiency**
- **Easily Absorbed Through Leaf Tissue**
- **No Chlorides, No Salts**

centrates or stir the mixing barrels. For 100 PPM potassium, set injector to 1:3300; for 200 PPM, set injector to 1:1650.

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

**Foliar Feeding:** When using overhead irrigation, 0-0-25 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 0-0-25 per gallon of water. Saturate soil with mix.

### MIXING:

0-0-25 can NOT be mixed with calcium or magnesium materials. Be sure to check all other technical materials prior to mixing with pH Booster. 0-0-25 is alkaline and has a pH of 11. Do a jar test before use with other technical materials. 0-0-25 will raise the pH of your stock tank and your soils.

0-0-25 PPM Rates							
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	38	58
1:300	3	6	9	12	17	24	34
1:200	2	4	6	8	12	16	24
1:100	1	2	3	4	6	9	12
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

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

## Crop Application Recommendations

Crop	Rate	Application Timing / Intervals
<b>Bananas</b>	2 - 4 quarts per acre (4.7- 9.4 liters per hectare)	Apply at 2 - 3 week intervals. 20 - 30 applications per year.
<b>Berries</b> , such as (but not limited to): Blueberry, Blackberry, Raspberry, Strawberry	2 - 4 quarts per acre (4.7- 9.4 liters per hectare)	Apply prior to bloom. Repeat at fruit set to early fruit color. Repeat every 14 - 21 days until harvest.
<b>Bulb Vegetables</b> , such as (but not limited to): Onions, Garlic, Shallots	2 - 4 quarts per acre (4.7- 9.4 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.
<b>Citrus</b> , such as (but not limited to): Grapefruit, Lemons, Limes, Oranges, Pomelo, Tangelo, Tangerines	1 - 2 gallons (9 - 19 Liters)	Apply on new major growth and on successive growth flushes. Do not apply during bloom.
<b>Cole Crops</b> , such as (but not limited to): Broccoli, Cauliflower, Cabbage, Brussels Sprouts, Collards	2 - 4 quarts per acre (4.7- 9.4 liters per hectare)	Apply at early head formation and repeat 14 - 21 days later.
<b>Cucurbits</b> , such as (but not limited to): Cucumber, Cantaloupe, Squash, Pumpkin, Melons	2 - 4 quarts per acre (4.7- 9.4 liters per hectare)	Apply at early bloom and repeat approximately 4 weeks later.
<b>Field Crops</b> , such as (but not limited to): Barley, Corn, Oats, Peanut, Rice, Soybean, Sugar Beet and Wheat.	4 - 6 quarts per acre (4.7- 14 liters per hectare)	Apply at flag leaf emergence or before flowering and repeat in 14 - 21 days after pollination.
<b>Fruiting Vegetables</b> , such as (but not limited to): Peppers, Tomato, Eggplant, Okra, Tomatillo	2 - 4 quarts per acre (4.7- 9.4 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 and reduce sunburn.
<b>Grapes</b> , such as (but not limited to): Wine and Table Grapes	2 - 4 quarts per acre (4.7- 9.4 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.
<b>Grasses</b> Grown for Seed, Sod Production, Pasture, Forage and Alfalfa	2 - 4 quarts per acre (4.7- 9.4 liters per hectare)	Apply in early spring for good growth, then apply monthly and again after harvesting.
<b>Herbs and Spices</b> , such as (but not limited to): Coriander, Basil, Chives, Dill, Rosemary, Sage & Mint	2 - 4 quarts per acre (4.7- 9.4 liters per hectare)	Apply after planting and reapply after harvesting.
<b>Leafy Vegetables</b> , such as (but not limited to): Lettuce, Celery, Spinach, Parsley, Radicchio	2 - 4 quarts per acre (4.7- 9.4 liters per hectare)	Apply after transplanting, thinning, or at 2 <sup>nd</sup> true leaf stage. Apply subsequent application at 7 - 14 day intervals. Use as needed to supplement nutritional requirements.
<b>Legumes and Pulses</b> , such as (but not limited to): Beans, Green Beans, Snap Beans, Lentils, Peas	2 - 4 quarts per acre (4.7- 9.4 liters per hectare)	Apply shortly after first flower appears. Repeat 10 - 14 days later.
<b>Root, Tuber and Corn Vegetables</b> , such as (but not limited to): Carrot, Potato, Sweet Potato, Beets, Ginger, Radish, Ginseng, Turnip	2-4 quarts per acre (4.7- 9.4 liters per hectare)	Apply after transplanting, thinning, or at 2 <sup>nd</sup> true leaf stage. Apply subsequent application at 10 - 15 day intervals. Use as needed to supplement nutritional requirements.
<b>Tree Fruits and Nuts</b> , such as (but not limited to): Almond, Apple, Apricot, Cacao, Cherry, Coffee, Filbert, Nectarine, Olive, Peach, Pear, Pecan, Pistachio, Plum, Prune, Quince and Walnut	2 - 6 quarts per acre (4.7- 14 liters per hectare)	Apply first application at green tip, pink bud, bud 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.
<b>Tropical / Sub Tropical Fruits</b> , such as (but not limited to): Avocados, Coffee, Dragon Fruit, Durian, Mangos, Papaya, Pineapples, Rubber Trees	2 - 4 quarts per acre (4.7- 9.4 liters per hectare)	Apply on new major growth and on successive flushes. Spray monthly until harvest. Do not apply during bloom.

### FIRST AID

<b>IF SWALLOWED:</b>	Call a poison center or doctor if you feel unwell: Rinse mouth.
<b>IF IN EYES:</b>	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a poison center/doctor.
<b>IF ON SKIN:</b>	Remove contaminated clothing and wash skin with plenty of soap and water. If skin irritation occurs, get medical advice/attention.
<b>IF INHALED:</b>	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.

**Condition of Sale and Warranty:** G.P. Solutions, 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 G.P. Solutions, 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 G.P. SOLUTIONS, LTD. OR SELLER BE HELD LIABLE FOR CONSEQUENTIAL, SPECIAL, OR INDIRECT DAMAGES RESULTING FROM THE HANDLING, STORAGE OR USE OF THIS PRODUCT.

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