



pH Booster 0-0-25

Liquid Potassium Solution

- **Excellent For Raising pH**
- **Low Phytotoxicity**
- **Excellent Potassium Source**
- **No Salts**
- **No Chlorides**
- **Crystal Clear Solution**

Guaranteed Analysis:

Soluble Potash (K₂O)25%
 Derived From: Potassium Carbonate
 Weight per gallon11.2 lbs.
 Salt Index1.9
 Potential basicity equivalent to 160 lbs. Calcium Carbonate per ton.

0-0-25 EC Readings				
Potassium PPM	EC (mmhos/cm)		Potassium PPM	EC (mmhos/cm)
25	0.075		200	0.60
50	0.15		300	0.90
75	0.225		400	1.20
100	0.30		500	1.50

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.



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0-0-25								
Fluid Ounces Of 0-0-25 Per Gallon Of Water								
PPM Potassium:	25	50	75	100	150	200	300	400
1:500	4.83	9.65	14.48	19.31	28.96	38.61	57.92	77.22
1:300	2.90	5.79	8.69	11.58	17.37	23.17	34.75	46.33
1:200	1.93	3.86	5.79	7.72	11.58	15.44	23.17	30.89
1:100	0.97	1.93	2.90	3.86	5.79	7.72	11.58	15.44
1:50	0.48	0.97	1.45	1.93	2.90	3.86	5.79	7.72
1:15 Ratio for Hozon Proporrioner								
1:15	0.14	0.29	0.43	0.58	0.87	1.16	1.74	N/A

Application Recommendations:

pH Booster needs no mixing and will not settle out of solution. Like all Growth Products, 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.

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

Drench: Use the *Drench Rates* chart in order to calculate application by specific number of pots. Ideal for field grown and containerized nursery stock as an alternative to top dressing with granulars.

Drench Rates For Containers 100 Gallon Tank	Low	High
	(Sensitive Plants)	(Nursery Stock & Foliage)
Desired Potassium Per Cubic Yard	.375 lb. K	.56 lb. K
Gallons 0-0-25 Per 100 Gal. Tank	0.61	0.92

Drench Rate Per Container		
Pot Size	Tank Mix Applied Per Pot	Number Of Pots Per 100 Gallon Tank Mix
4"	2 fl. oz.	6400
5"	3.5 fl. oz.	3657
6"	6.2 fl. oz.	2065
1 Gal.	9.3 fl. oz.	1376
2 Gal.	20 fl. oz.	640
3 Gal.	35 fl. oz.	366

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 1/2 to 3/4 teaspoon pH Booster per gallon of water. Saturate soil with mix.

How to Extend Feedings: In order to assure plants are receiving adequate nutrient levels electrical conductivity (EC) reading should be taken immediately after fertilizer is applied and then at 7 day intervals. By tracking the EC reading you can establish a nutrient release curve for your specific growing conditions and crops.

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.

Manufactured By:

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