



# 0-0-25

## LIQUID POTASSIUM SOLUTION

- **NO CHLORIDES / LOW SALT INDEX**
- **IMMEDIATELY AVAILABLE POTASSIUM**

### 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  
 Each gallon contains ..... 2.8 lb potassium  
 Each liter contains ..... 0.33 kg potassium

### PRODUCT DESCRIPTION:

Growth Products Liquid Potassium (0-0-25) is a concentrate potassium fertilizer solution made from only the highest quality technical grade potassium carbonate. Liquid Potassium provides you with 100% soluble potassium for immediate plant and turf uptake through both foliar and root feeding. Liquid Potassium can be applied throughout the growing season to correct potassium deficiencies quickly. As a fall fertilization product, it provides the maximum amount of potash in solution, and will help to improve stress tolerance from drought, winter and traffic. Since all nutrients are in a soluble form, turf can respond within a few days of applications. Since all Growth Products fertilizers are TRUE SOLUTIONS no special agitation is needed.

### APPLICATION RECOMMENDATIONS:

**Turf Applications:** Liquid Potassium can be used on warm season, transitional and cool season grass. It can correct potassium deficiencies caused by poor soil conditions or stress. Use Liquid Potassium throughout the growing season beginning in early spring, and as an additional source of potassium to supplement other fertilization programs. Apply on tees and greens using no less than 1.5 gallons of tank mix per 1,000 sf. Liquid Potassium is compatible with most other technical turf products. Always use a jar test before mixing pesticides and fertilizers in your tank.

### PH ADJUSTMENT:

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 their performance.

### STORAGE & HANDLING:

**Storage:** Liquid Potassium can be stored in normal warehouse areas. Heat or freezing temperatures do not affect it.

**Mixing:** Liquid Potassium must first be diluted with water prior to mixing with other nutrients or technical materials. Liquid

**CAUTION:** This is an alkaline material. 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.

- **IMPROVES STRESS TOLERANCE**
- **FOLIAR AND ROOT UPTAKE**

Potassium is an alkaline material with a pH of 11.5 and should not be added as a concentrate to highly acidic materials. When using a phosphorus source such as 0-30-0 always first dilute with appropriate amounts of water. Add Liquid Potassium to the tank mix slowly while continuously mixing. A small amount of effervescence will occur. The following mixing procedure should be followed after Liquid Potassium has been diluted with appropriate amounts of water. Add products to mix in this order: 1. wettable powders, 2. flowables, 3. water solubles, 4. surfactants, 5. emulsifiable concentrates. Be sure to agitate during each addition. Be sure each product is mixed well before adding the next. Apply all of mixture in same day. Always use a jar test before mixing pesticides and fertilizers in your tank.

### Foliar Turf Applications:

Application	Rate / 1,000 F <sup>2</sup> (100 m <sup>2</sup> )	Frequency
All Types of Cool & Warm Season Grasses	5 - 14 oz (40-120 ml)	Apply every 7-21 days.

### Turf Applications: 0-0-25 Potassium Per Liquid Ounce (ml) Apply in 2-3 gallons of water per 1,000 FT<sup>2</sup> (100 m<sup>2</sup>)

0-0-25	Potassium Rate
5 oz	1/8 lb. K
149 ml	0.05 Kg K
11 oz	1/4 lb. K
298 ml	0.12 Kg K
15 oz	1/3 lb. K
447 ml	0.15 Kg K
23 oz	1/2 lb. K
596 ml	0.24 Kg K

### 0-0-25 pH Booster

Fluid Ounces of pH Booster per Gallon of Stock Tank Water						
PPM Potassium	25	50	75	100	150	200
1:300	3	6	9	12	17	35
1:200	2	4	6	8	12	23
1:100	1	2	3	4	6	12
1:50	.50	1	1.5	2	3	6
1:15 Ratio for Hozon Proportioner						
1:15	0.14	0.29	0.43	0.58	0.87	1.16

Manufactured By:

