



# 0-0-25

## LIQUID POTASSIUM SOLUTION

- **NO CHLORIDES AND LOW SALT INDEX**
- **IMMEDIATELY AVAILABLE POTASSIUM**
- **IMPROVES STRESS TOLERANCE**

F106

### GUARANTEED ANALYSIS:

Soluble Potash (K<sub>2</sub>O) . . . . . 25%

Derived From: Potassium Carbonate

### PRODUCT SPECIFICATIONS:

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 ft<sup>2</sup> 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. 0-0-25 can be mixed with other lime or flowable lime products to make their slurry more flowable and increase their performance.

### MIXING:

Liquid Potassium must first be diluted with water prior to mixing with other nutrients or technical materials. Liquid Potassium is an alkaline material with a pH of 12 and should not be added as a concentrate

- **FOLIAR AND ROOT UPTAKE**
- **HIGH QUALITY CLEAN POTASSIUM**
- **MADE FROM POTASSIUM CARBONATE**

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 ft <sup>2</sup> (100 m <sup>2</sup> )	Frequency
All Types of Cool and 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 149 ml	1/8 lb. K 0.05 Kg K
11 oz 298 ml	1/4 lb. K 0.12 Kg K
15 oz 447 ml	1/3 lb. K 0.15 Kg K
23 oz 596 ml	1/2 lb. K 0.24 Kg K

### 0-0-25 Liquid Potassium

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	0.50	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

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).	
<b>STORAGE:</b> Keep container tightly closed. May be stored in unheated area, but keep from freezing. Store in areas inaccessible to children and pets.	
<b>DISPOSAL:</b> 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: 

