

# 0-30-0

## LIQUID PHOSPHORUS SOLUTION



- IMPROVES ROOT GROWTH
- HIGH PHOSPHORUS SOURCE

### GUARANTEED ANALYSIS:

Available Phosphate (P<sub>2</sub>O<sub>5</sub>) .....30%  
**Derived From:** Technical Grade Phosphoric Acid.  
 Weight per gallon .....9.7 lbs.  
 Weight per litre .....1.16 kg  
 Each gallon contains ..... 2.9 lb phosphorus  
 Each litre contains ..... 0.34 kg phosphorus  
 pH @ 20° C .....2.5

### PRODUCT DESCRIPTION:

Growth Products Liquid Phosphorus (0-30-0) is a concentrate Phosphorus solution made from the highest quality raw material. Liquid Phosphorus is a 100% soluble form of P<sub>2</sub>O<sub>5</sub> that will quickly correct phosphorus deficiencies. This provides the maximum amount of P<sub>2</sub>O<sub>5</sub> in solution readily available for immediate uptake. There is no lag time or delay needed for product breakdown. Since all Growth Products fertilizers are TRUE SOLUTIONS they are ideal for applications for turf, foliar feed and root injection for trees and ornamentals. It is non-clogging and non-abrasive to equipment. No special agitation is needed since all Growth Products fertilizers are completely miscible in water.

### APPLICATION RECOMMENDATIONS:

**Turf Applications:** Liquid Phosphorus can be used during the entire growing season on warm season, transitional and cool season grasses. It can be used in conjunction with a standard fertilization program to correct phosphorus deficiencies.

### BUFFER ACTIVATOR:

As an additive, Liquid Phosphorus is effective where only buffering of a tank mix is needed. It lowers pH of pesticide solutions to a more effective level of acidity and aids in preventing decomposition of certain alkaline sensitive pesticides due to hydrolyzation. Add 4 to 6 oz. per 100 gallons of spray solution as a buffer activator, or until desired pH solution is achieved.

### STORAGE & HANDLING:

**Storage:** Liquid Phosphorus can be stored in normal warehouse areas. Heat or freezing temperatures do not affect it. Liquid Phosphorus is corrosive and should be stored in plastic containers, not metal.

**Mixing:** Liquid Phosphorus is acidic. It must first be diluted with water prior to mixing with other nutrients or technical materials. Liquid Phosphorus should not be added in concentrate to highly alkaline materials. Care should be taken when mixing Liquid Phosphorus with a liquid potassium such as 0-0-25. Always add water to tank first. Then add phosphorus. Mix well. Add liquid

**CAUTION:** This is an acidic 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.

- CORRECTS DEFICIENCIES QUICKLY
- BUFFER ACTIVATOR

Turf Applications: 0-30-0 Phosphorus Per Liquid Ounce (ml)	
0-30-0	Phosphorus Rate
5 oz 143 ml	1/8 lb. P 50 g P
11 oz 287 ml	1/4 lb. P 100 g P
13 oz 431 ml	1/3 lb. P 150 g P
22 oz 575 ml	1/2 lb. P 200 g P
33 oz 863 ml	3/4 lb. P 300 g P

Apply at desired phosphorus rate per 1,000 FT<sup>2</sup> (100 m<sup>2</sup>)

potassium source slowly to tank mix while mixing. The following mixing procedure should be followed after Liquid Phosphorus 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. This is an acidic product. Do not mix with copper based fungicides,

Manufactured By:

