



# K-BUILDER 7-2-21

## LIQUID FERTILIZER SOLUTION

*With 50% SLOW RELEASE NITROGEN*

- EASY TO HANDLE AND STORE
- LOW SALT INDEX

### GUARANTEED ANALYSIS:

Total Nitrogen (N)	7%
3.5% Urea Nitrogen	
3.5% Slowly Available Water Soluble Nitrogen*	
Available Phosphate (P <sub>2</sub> O <sub>5</sub> )	2%
Soluble Potash (K <sub>2</sub> O)	21%
<b>Derived From:</b> Urea, Methylene Urea, Potassium Carbonate, Polyammonium Phosphate	
*50% slowly available Nitrogen from Methylene Urea	
Weight per gallon	11.88 lbs.
Weight per liter	1.42 kg
pH	11-12

### PRODUCT DESCRIPTION:

K-Builder 7-2-21 is a high potassium source fertilizer made from only the highest quality N-P-K sources. K-Builder is formulated for year-round fertilization and provides an ideal ratio of potash to nitrogen to improve stress tolerance from traffic, drought and winter. All nutrients are in an available form for the plant's immediate uptake, so less can be applied. There is no lag time or delay needed for product breakdown. Since all Growth Products fertilizers and micronutrients are true solutions, they are ideal for spray applications for turf, foliar feeding and root injection for trees and ornamentals. K-Builder is non-clogging and non-abrasive to equipment. K-Builder is compatible with fungicides, herbicides and insecticides and can be mixed and sprayed in one application.

### SUGGESTED USES:

Growth Products' K-Builder 7-2-21 liquid fertilizer assures you of a safe and uniform source of nutrients for special turf applications because of its low salt index and liquid application. K-Builder liquid blend is ideally suited for year round and fall applications to boost potassium levels. No special agitation is needed. When temperatures rise above 85° (29° C), use a minimum of 4 gallons of water per 1,000 FT<sup>2</sup> (100 m<sup>2</sup>).

### APPLICATION RECOMMENDATIONS:

**Turf Applications:** Since K-Builder contains a 100% soluble form of potassium, apply at lower rates than granular products. Growth Products' K-Builder liquid fertilizer can be applied throughout the growing season on warm, transitional and cool season grasses. Dilute with water according to desired potassium rate per 1,000 square feet. (See chart for potassium per liquid ounce)

**Tees & Greens:** Apply on tees and greens using desired K rate per 1,000 sq. ft. with a spray unit applying no less than 1.5 gal. of tank mix per 1,000 sq. ft. K-Builder is compatible with most technical products.

**CAUTION:** 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 WINTER HARDINESS
- COMPATIBLE WITH TECHNICAL MATERIALS

K-Builder Potassium/Nitrogen Per Liquid Ounce		
Apply at desired Potassium Rate per 1,000 FT <sup>2</sup> (100 m <sup>2</sup> )		
K-Builder	Potassium Rate	Nitrogen Rate
7 oz	1/8 lb. K	1/25 lb. N
211 ml	0.06 Kg K	0.02 Kg N
13 oz	1/4 lb. K	1/12 lb. N
422 ml	0.12 Kg K	0.04 Kg N
16 oz	1/3 lb. K	1/10 lb. N
506 ml	0.15 Kg K	0.05 Kg N
27 oz	1/2 lb. K	1/6 lb. N
844 ml	0.24 Kg K	0.08 Kg N

Foliar Spray Applications		
Application	Rate	Notes
Boost Potassium Levels	Apply 7-13 oz in 2-5 gallons of water per 1,000 FT <sup>2</sup> (211-422 ml per m <sup>2</sup> )	Apply every 21-30 days throughout growing season
Resolve Tissue and/or Soil Deficiencies	Follow directions supplied with tissue or lab analysis report	Repeat as directed until tissue / soil results reach desired level
Fall Applications to Strengthen Turf	Apply 7-13 oz in 2-5 gallons of water per 1,000 FT <sup>2</sup> (211-422 ml per m <sup>2</sup> )	Begin applications in fall. Apply every 2-4 weeks for a total of 3-6 applications

### STORAGE & HANDLING:

**Storage:** Freezing does not affect the performance of this product. **Ice crystals** can form below 32° F, but will melt when K-Builder is restored to room temperature after several hours, or is diluted with water. K-Builder is not corrosive or abrasive. This product has a strong ammonia smell, which is normal.

**Mixing:** K-Builder must be first diluted with water prior to mixing with other nutrients or pesticides. When adding acidic materials first dilute with water and then slowly add acidic materials. Always use a jar test before mixing pesticides in your tank. 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. It is recommended to apply all of the mixture in one day.

Manufactured By:

