



K-BUILDER 7-2-21

LIQUID FERTILIZER SOLUTION *With* 50% SLOW RELEASE NITROGEN

- EASY TO HANDLE AND STORE
- LOW SALT INDEX
- IMPROVES WINTER HARDINESS

F106

GUARANTEED ANALYSIS:

Total Nitrogen (N) 7%
 3.5% Urea Nitrogen
 3.5% Slowly Available Water Soluble Nitrogen*

Available Phosphate (P₂O₅) 2%
 Soluble Potash (K₂O) 21%

Derived From: Urea, Methylene Urea, Potassium Carbonate, Polyammonium Phosphate

*50% slowly available Nitrogen from Methylene Urea

PRODUCT SPECIFICATIONS:

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 2 gallons of water per 1,000 ft² (100 m²).

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.

- COMPATIBLE WITH TECHNICAL MATERIALS
- HIGH POTASSIUM FORMULA
- NO CHLORIDES!

Foliar Spray Applications		
Application	Rate	Notes
Boost Potassium Levels	Apply 7-13 oz in 2-5 gallons of water per 1,000 FT ² (211-422 ml per m ²)	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 ² (211-422 ml per m ²)	Begin applications in fall. Apply every 2-4 weeks for a total of 3-6 applications

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

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.

FIRST AID	
IF SWALLOWED:	Call a poison center or doctor if you feel unwell: Rinse mouth.
IF IN EYES:	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a poison center/doctor.
IF ON SKIN:	Remove contaminated clothing and wash skin with plenty of soap and water. If skin irritation occurs, get medical advice/attention.
IF INHALED:	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).	
STORAGE: Keep container tightly closed. May be stored in unheated area, but keep from freezing. Store in areas inaccessible to children and pets.	
DISPOSAL: 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

- H303 May be Harmful if Swallowed
- 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: 

