



BUFFER K[®]

Macronutrient

Guaranteed Analysis 0-0-25

Soluble Potash (K₂O) 25.00%

Derived From:

Potassium Hydroxide, Potassium Carbonate,
Potassium Thiosulfate.

Also Contains Non-Plant Food Ingredient:

15.5% Organic Matter (derived from Leonardite)

Physical Properties:

Form: Liquid

Appearance: Slightly hazy amber, having a slight ammonia-type odor.

Weight: 12.30 lb/gal, 1.45 kg/L

pH: 9.0–10.0

Caution:

Keep out of reach of children.

Harmful if swallowed.

Storage and Disposal:

Keep product in original container. Do not transfer into food or drink containers. Triple rinse when empty for recycling. Always dispose of container in accordance with local, state, and/or federal regulations. Do not store this product below 50°F (10°C) or above 90°F (30°C).

Conditions of Sale:

The information contained in this bulletin is believed to be accurate and reliable. Buyer and user acknowledge and assume all liability resulting from the use of this material. Follow directions carefully. Timing, method of application, weather, crop conditions, and other factors are beyond the control of the seller.

The Solution for Buffered Potassium Application

Huma Gro[®] BUFFER K[®] carbon-complexed with Micro Carbon Technology[®] is a potassium product with a more neutral pH that is complexed to maximize potassium uptake by plants. BUFFER K[®] promotes internal cellular strength for fruit development and maturity, and it helps to regulate the movement of water and nutrients within the plant.

Benefits of Use:

- Resists tie-up in the soil and remains available through the plant root system
- Provides quick crop response and can be applied just prior to actual crop need
- Can be tank-mixed to improve availability of other nutrient solutions
- Is non-salt-forming and does not contain chloride
- Aids in potassium uptake in heavy clay, compacted, or high-salinity soils
- Can be mixed with nitrogen solutions for easy application
- Is completely water soluble and can be water incorporated

Deficiency Symptoms—When to Apply:

- Tip and marginal “burn” starting on more mature leaves, indicating potassium deficiency
- Weak stalks: plants lodge easily
- Small fruit or shriveled seeds
- Slow growth

Application Instructions:

Contents are highly concentrated and must be diluted with water in a ratio of at least 20 parts water to 1 part product prior to foliar application. See table below for specific rate instructions. SHAKE WELL BEFORE USING.

- Designed for both soil and/or foliar application.
- Best results will be obtained when application is concentrated in the active root zone or on the leaf surface.
- Can be applied in combination with compatible plant growth regulators, pesticides, or other liquid fertilizers.
- Apply foliar sprays with sufficient water to ensure uniform coverage without running off leaf surfaces.

METHOD OF APPLICATION	SUGGESTED RATE	
	Field Crops / Tree or Vine Crops	
Foliar band application at 50% coverage	Up to 3 quarts/acre, 7.5 liters/hectare	—
Foliar broadcast or sprinklers: solid, set, pivot, linear (100% speed)	Up to 1.5 gallon/acre, 15 liters/hectare	Up to 3 gallons/acre, 30 liters/hectare
Soil banded or injected, through drip tape or micro sprinklers	Up to 3 gallons/acre, 30 liters/hectare	Up to 4.5 gallons/acre, 45 liters/hectare
Soil broadcast spray incorporated, flood or furrow irrigated	Up to 4.5 gallons/acre, 45 liters/hectare	Up to 6 gallons/acre, 60 liters/hectare



Powered by
**MICRO CARBON
TECHNOLOGY**

**This Product Contains Micro Carbon Technology[®], a proprietary blend of very small organic molecules that allows for more effective absorption of nutrients by plants.*

