



BUFFER K[®]

Macronutrient

Guaranteed Analysis 0-0-25

Soluble Potash (K₂O) 25.00%

Derived From:

Potassium Hydroxide, Potassium Carbonate,
Potassium Thiosulfate.

Additional Contents:

Micro Carbon Technology^{®*}

Physical Properties:

Form: Liquid
Appearance: Slightly hazy amber liquid 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, turf conditions, and other factors are beyond the control of the seller.

The Solution for Buffered Potassium Application

Huma Gro[®] Turf 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 plant 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 response and can be applied just prior to actual 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
- 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.

Consult your local Huma Gro[®] Turf representative for specific recommendations.

METHOD OF APPLICATION	Rate per 1,000 ft ² , 100 m ²	Rate per Acre, Hectare
Foliar broadcast spray or fertigated through sprinkler system	Up to 6 oz/1000 ft ² , 210 mL/100 m ²	Up to 2 gal/ac, 20 L/ha
Soil broadcast spray incorporated	Up to 12 oz/ 1000 ft ² , 420 mL/100 m ²	Up to 4 gal/ac, 40 L/ha



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