



CEIA is the premier carbon-based bio-nutritional line for professional turfgrass. Developed by a PhD Chemist and Certified Agronomists, CEIA's proprietary formulations use top-quality agronomic inputs for optimal success. CEIA products meet the specific nutrient needs for high end turf grass, incorporating biostimulants, carbon, macronutrient, and micronutrient food sources.

# Karb Up

**Karb Up** is a carbon backed Potassium source, containing molasses, leonardite shale, and *Ascophyllum Nodosum*.

### WHAT IT DOES

Through a proprietary formulation of biostimulants, carbohydrates and potassium, **Karb Up** promotes healthy turfgrass growth by:

- Increases turfgrass resilience to stress, wear and increases cold hardening
- Provides a food source for healthy microbes, increasing nutrient cycling
- Adds carbon source and flushes salts from root zone

### WHY IT WORKS FOR YOU

**Karb Up** is designed for turfgrass professionals looking to improve overall soil health by:

- Karb Up supplies potassium in a quickly assimilated form, working in tandem with biostimulants to build resilience
- A proprietary mix of biostimulants, including humic acid, flush sodium and increases CEC

### APPLICATION RATES & RECOMMENDATIONS

#### CURATIVE / LOW CEC / HIGH SAND APPLICATION:

Apply 6-12 ounces per 1000 sqft per month during growing season as needed. Total minimum season rates of 20 quarts per acre should be applied to highly stressed areas

#### MAINTENANCE RATE:

Apply 1-6 ounces per 1000 sqft per month during growing season as part of a complete agronomic fertility program

#### DRENCH APPLICATIONS:

Apply 8-64 ounces per 10-100 gallons of water as needed

#### FERTIGATION:

Apply through irrigation systems at a rate of 1-4 gallons per acre per treatment. Repeat as needed

### GUARANTEED ANALYSIS:

Soluble Potassium (K<sub>2</sub>O) ..... 15.00%

Derived From: Potassium Acetate

#### NON-PLANT FOOD INGREDIENTS:

Blackstrap Molasses ..... 8.33%

Humic Acid ..... 4.00%

Fulvic Acid ..... 0.33%

Derived from: Blackstrap Molasses, Leonardite Shale, and *Ascophyllum Nodosum*



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**CHEMICAL DYNAMICS**