



# essential green

CARBON-BASED PLANT NUTRITION

# 2Kp™



Powered By: **C-PLEXX™** & **BLACK GOLD™**

### Specially formulated with:

**C-PLEXX™** is a patented proprietary molecule. This Organic Acid that is derived from from a patented process that starts with a single Amino Acid.

This molecule is designed to bond mineral nutrition by attaching to Cations thus eliminating their electrical charge and to provide maximum plant availability by keeping mineral plant nutrition available by prohibiting the formation of insoluble compounds in the soil. This proprietary molecule carries a negative charge able to keep Calcium, Magnesium and many other metals from tying up in the soil. Phosphorous becomes more plant available in low quantities making a healthier plant and reducing the environmental impact. The **C-PLEXX™** bond enables optimum performance for mineral nutrition.

## BLACK GOLD™

is a highly concentrated pure source of soluble Humic and Fulvic Acids. Proven for it's buffering capacity of sodium and abiotic and biotic stress conditions. Also known for it's soil remediation and mineral complexing properties Humic Acids are a proven beneficial addition to any plant nutritional program.

Long-term quality results on greens and high impact turf require products like Essential Green 2Kp™, which is the most affordable and unique carbon-based high efficiency product on the market.

Essential Green 2Kp™ is a Zero Nitrogen potassium and phosphorous solution made with di-potassium phosphate known for its anti-stress related properties. Made with a proprietary process resulting in a unique emulsion based formulation that, along with the surfactant, allows the product to penetrate the soil and remain available to the plant without soil tie up. The proprietary organic acid makes this the environmentally-friendly solution for golf course superintendents and turf growers. This is a true carbon based high efficiency plant nutritional product.

**ZERO NITROGEN**



Once Essential Green 2Kp™ is applied, the plant is able to uptake nutrients as the plant requires them. The addition of soluble carbon, complex carbohydrates, and organic acids gives the plant the needed balanced nutrition that helps the plant achieve turgidity, moisture management, and increases plant cell wall strength.

1. Delivers performance with simplicity.
2. Application is easy through emulsion liquid formulation.
3. Long-term turf and plant nutrient uptake for the ultimate in plant health.



### GUARANTEED ANALYSIS BY WEIGHT:

0-10-14  
 Available Phosphate  
 as (P2O5).....10%  
 Soluble Potash  
 as (K2O).....14%

Derived from: Di-Potassium Phosphate, Potassium Citrate.

### SOIL AMENDING INGREDIENTS:

Humic Acid.....1.25%

Derived From: Leonardite Ore

Purpose: To enhance nutrient uptake and stimulate plant growth.

### APPLICATION RATES:

Turf: 1 - 1.5 Gallons per acre  
 Ornamental: .5 - 1.5 Gallons per 100 gallons of water

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