



# essential green

CARBON-BASED PLANT NUTRITION



# KOLOR

**FULL SPECTRUM**



Multi-Mineral • High Performance • Easy to Use • Enviro-Friendly

Long-term quality results on landscape and high impact turf require products like Essential Green FULL SPECTRUM KOLOR™. The high concentration of ionic minerals makes this the most affordable and unique carbon-based high efficiency product on the market.

Essential Green KOLOR™ is a Potassium and micro nutrient solution made with stabilized Potassium to move the color chlorophyll molecules Magnesium, Iron, Manganese through the plant. Made with a proprietary process resulting in micron sized encapsulated droplets containing all the complexed nutrients thus giving another extended release mechanism in addition to the Proprietary C-Plexx molecule and Humic, Fulvic acids. Kolor is the environmentally friendly solution for golf course superintendents, turf growers, and lawn care professionals a true extended release formulation.

**ZERO NITROGEN**

Once Essential Green FULL SPECTRUM KOLOR™ is applied, the plant has true access to uptake the minerals it requires. The addition of a surfactant, soluble carbon increases penetration in the soil and enhances the plants ability to store carbohydrates, manage moisture, and increases plant nutrient uptake.



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

### Specially formulated with:

**C-PLEXX™** is a patented proprietary molecule. This Organic Acid that is derived 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. Phosphorus 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.

a true plant controlled release formulation

### GUARANTEED ANALYSIS BY WEIGHT:

0-0-3 Soluble Potash (K <sub>2</sub> O).....	3.00%
Magnesium (Mg).....	1.0%
Chelated Magnesium (Mg)	
Iron (Fe).....	3.0%
Chelated Iron (Fe)	
Manganese (Mn).....	2.0%
Chelated Manganese (Mn)	

Derived From: Potassium Hydroxide  
Iron Citric Acid, Magnesium Citric Acid, Manganese Citric Acid.

SOIL AMENDING INGREDIENTS:  
Humic Acid..... 1%

Derived From: Leonardite

Purpose: To enhance nutrient uptake and stimulate plant growth.

### APPLICATION RATES:

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

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