

# RoyalGREEN™

MICRONUTRIENTS & BIOSTIMULANTS

## KRISS

### REDUCE PLANT STRESS PROTECT AND ENHANCE GENETIC POTENTIAL

ROYALGREEN™ KRISS by PLATTE - Peak Crop Performance™ is a stress-mitigating biostimulant and nutritional designed to reduce plant stress and improve yield in tough conditions.

Stay protected in times of stress due to extreme temperature, drought or water stress with ROYALGREEN™ KRISS's special formulation of botanical extracts rich in natural auxins, vegetal amino acids, tryptophan, arginine and high performance surfactants all brought together to improve performance during difficult growing conditions.

#### PLANT EXTRACTS

Each plant extract contained in ROYALGREEN™ has components vital to stress mitigation or cell division. Polyphenols protect the plant from oxidation caused by environmental stresses or stresses on the plant during rapid growth stages. Auxins are known to stimulate cell division. Additionally, betaines keep watercontent stable in plant cells.

#### ARGININE

Arginine is an amino acid building block for polyamines. Polyamine production increases during times of environmental stress including drought, heat and high salinity levels in soil.

#### TRYPTOPHAN

The amino acid building block for Indole-3-acetic acid (IAA). Tryptophan assists plants in cell expansion and cell division.

#### PRODUCT AVAILABILITY

- 2x2.5 gallon jugs
- 250 gallon totes

**Weight per gal:** 10.60lbs (4.81kg)

#### 5-8-4 Guaranteed Analysis

Total Nitrogen (N).....	5.0%
1.7% Ammoniacal Nitrogen	
1.0% Nitrate Nitrogen	
1.7% Urea Nitrogen	
0.6% Organic Nitrogen	
Available Phosphate (P <sub>2</sub> O <sub>5</sub> ).....	8.0%
Soluble Potash (K <sub>2</sub> O).....	4.0%

Source: Urea, Monoammonium phosphate, Potassium nitrate, Yeast Extract

#### RECOMMENDED USE RATE

Directions for USE - foliar application:

**Corn:** Apply 16 fl oz/acre between v4 and v8.

**Soybeans:** Apply 16 fl oz/acre between R1 and R3

**Alfalfa:** Apply 16 fl oz/acre after every cutting

**Pome and stone fruit:** Apply 42 fl oz/acre every 6 to 7 days beginning at complete petal fall for a total of 2 applications.

**Table grapes:** Apply 42 fl oz/acre every 8 to 10 days beginning at berry size 6-7mm for a total of 2 applications

**Citrus:** Apply 42 fl oz/acre every 12-15 days beginning after fruit set for a total of 3 applications

**Cranberries:** Apply 42 fl oz/acre every 6 to 7 days beginning at complete petal fall for a total of 2 applications

**Melon/Watermelon:** Apply 27 fl oz/acre every 6 to 7 days beginning after fruit set for a total of 3 applications

**Processing tomato:** Apply 27 fl oz/acre every 6 to 7 days beginning after fruit set for a total of 3 applications

**Cucumber, zucchini:** Apply 1.5-2.0 mL per liter of water every 5 to 7 days throughout the entire crop cycle

**Eggplant, pepper, tomato:** Apply 1.5-2.0 mL per liter of water every 5 to 7 days after fruit set of the first truss

