



REDUCE PLANT STRESS – PROTECT  
AND ENHANCE GENETIC POTENTIAL

HOMESTRETCH® HARVESTSHIELD™ 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 HARVESTSHIELD'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 HARVESTSHIELD 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 floz/acre between v4 and v8.

**Soybeans:** Apply 16 floz/acre between R1 and R3

**Alfalfa:** Apply 16 floz/acre after every cutting

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

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

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

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

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

**Processing tomato:** Apply 27 floz/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

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