

GROPRO

SHIELD

0-0-12

GUARANTEED ANALYSIS

Soluble Potash (K_2O) 12.00%

Derived From: Potassium silicate

Also Contains Beneficial Substance: 18%
Silicon from Potassium silicate & Silica

Information regarding the contents and
levels of metals in this product is
available on the Internet at:
www.aapfco.org/metals.htm

MANUFACTURED BY:
GROPRO

12600 West Frontage Road,
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www.groproag.com



GHS07

KEEP OUT OF REACH OF CHILDREN
CAUTION

See Back Panel for Precautionary Statements

NET CONTENTS:

LOT#: _____



320 fl. oz.

(9463.53 mL)



3840 fl. oz.

(113562 mL)



337921 fl. oz.

(999349 mL)

SHIELD is a liquid fertilizer formulated with potassium silicate that promotes the growth of strong plant tissues. Silica is known to provide rigidity and structural vigor. Silica has the ability to form a thick silicate layer that keeps leaves erect, thereby stimulating photosynthesis.

According to F.C. Lanning et al, Department of Chemistry, Kansas State College, Manhattan, Kansas, in The Chemical Nature of Silica in Plants, "Silica is deposited mostly in cell walls, but sometimes as bodies in the lumen of the cells." These depositions help keep leaves erect, which improves sunlight absorption, thereby stimulating photosynthesis.

SHIELD can only be applied as a foliar spray. Use 3.8 mL of product with One Gallon (1 Gal.) of water or 1:1,000 product to water, unless otherwise specified in the table below. After dilution, spray the product onto the plant's leaves. Do not apply prior to excessive rains, since this may reduce product effectiveness.

DIRECTIONS FOR APPLICATION

CROP NAME	APPLICATION RATES	FOLIAR SPRAY	FREQUENCY & METHOD
RICE	3.8 – 7.6 mL/ 1 gal 12.8 – 25.6 oz/ 100 gal	5 – 7 mL/ 1,000 ft ² 208 – 312.5 mL/ Acre	2 – 3 times foliar spray
All Other Crops	3.8 – 7.6 mL/ 1 gal 12.8 – 25.6 oz/ 100 gal	500 – 750 mL/ Ha	3 – 4 times foliar spray

MIX RATE

The standard mixing rate for SHIELD is 3.8 mL ($\frac{3}{4}$ Tsp.) per 1 Gallon of water that should only be applied as a foliar spray.

Best land management practices should be used at all times with any fertilizer; this material should be prevented from entering public or private water supplies (including wells) and any lake, stream, or river.

For the SHIELD application rates suitable for your geographical area or the maximum allowable nutrient application rates per acre, consult a trained soil specialist or by writing to GROPRO INC, and giving the lot number which is found on the container.

REFER TO PRODUCT SAFETY DATA SHEET FOR FURTHER INFORMATION.

Information regarding the contents and levels of metals in this product is available on the Internet at <http://www.aapfco.org/metals.htm>

Contents Made In South Korea

MANUFACTURED By GROPRO INC.