

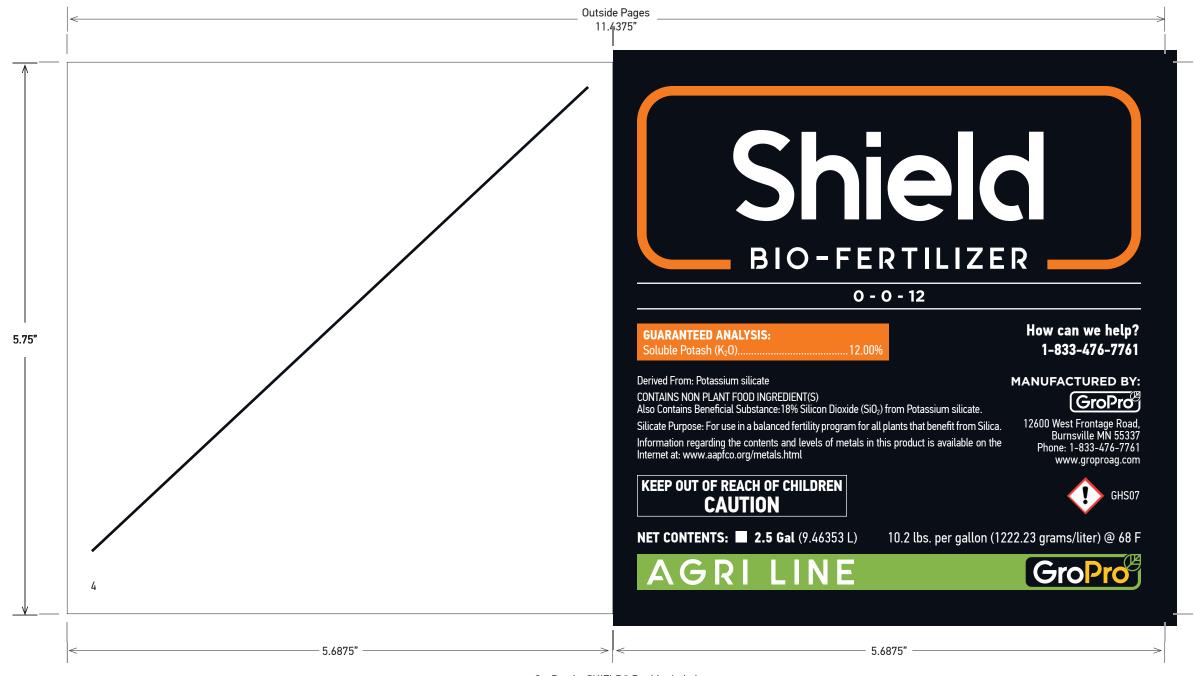
GroPro Ag SHIELD® Base Label

## **GroPro Ag SHIELD®**

Description: Single Base Label Label Stock: Base - 60# semigloss

Date: 5.17.22 Version: 2

Project Number: S46808



GroPro Ag SHIELD® Booklet Label

## GroPro Ag SHIELD®

Description: 4-page Booklet Label Label Stock: Base - 60# semigloss, Liner - 40# paper Date: 5.17.22 Version: 2

Project Number: S46808

Inside Pages 11.4375" SHIELD® is a liquid fertilizer formulated with potassium silicate that promotes the growth of strong **MIX RATE** plant tissues. Silica is known to provide rigidity and structural vigor. Silica has the ability to form a The standard mixing rate for SHIELD® is 3.8 mL (¾ Tsp.) per 1 Gallon of water that should only be thick silicate layer that keeps leaves erect, thereby stimulating photosynthesis. applied as a foliar spray. According to F.C. Lanning et al, Department of Chemistry, Kansas State College, Manhattan, Kansas, Best land management practices should be used at all times with any fertilizer; this material should in The Chemical Nature of Silica in Plants, "Silica is deposited mostly in cell walls, but sometimes as be prevented from entering public or private water supplies (including wells) and any lake, stream, bodies in the lumen of the cells." These depositions help keep leaves erect, which improves sunlight absorption, thereby stimulating photosynthesis. For the SHIELD® application rates suitable for your geographical area or the maximum allowable SHIELD® can only be applied as a foliar spray. Use 3.8 mL of product with One Gallon (1 Gal.) of water nutrient application rates per acre, consult a trained soil specialist or by writing to GROPRO INC, and or 1:1,000 product to water, unless otherwise specified in the table below. After dilution, spray the giving the lot number which is found on the container. product onto the plant's leaves. Do not apply prior to excessive rains, since this may reduce product REFER TO PRODUCT SAFETY DATA SHEET FOR FURTHER INFORMATION. effectiveness. Information regarding the contents and levels of metals in this product is available on the Internet **DIRECTIONS FOR APPLICATION** at http://www.aapfco.org/metals.html 5.75" CROP **APPLICATION FOLIAR FREQUENCY** SHIELD® IS CONSIDERED ENVIROMENTALLY SAFE WHEN USED AS DIRECTED. AS DIRECTED NAME **RATES SPRAY** & METHOD MEANS APPLICATION AT THE RATE, DILUTION AND TIMING APPLIED TO THE PLANT TO ENSURE Rice 3.8-7.6 mL/1 gal 2-3 times foliar spray OPTIMAL RESULTS. 5-7 mL/1,000ft<sup>2</sup> 12.8-25.6 oz/100 gal 208-312.5 mL/Acre MANUFACTURED By GROPRO INC. 3-4 times foliar spray All Other Crops 3.8-7.6 mL/1 gal 500-750 mL/Ha 12.8-25.6 oz/100 gal 2 3

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