

Shield is derived from essential silica that can be readily absorbed by the overall crop. Shield reduces disease's ability to hold as well as strengthen shelf life and skins. This, in turn, increases the fruit shelf-life for the export of storage, allowing for reduced loss and increased yields.

### **SAFETY & ENVIRONMENTAL INFO**

Like any fertilizer, GROPRO encourages applicators to focus on appropriate land management and application practices. While our materials utilize superior formulations and ultra-low salt indexes, Shield should be prevented from entering any lake, stream, well or river.

### **MODE OF ACTION**

Shield is specifically formulated with a highly available and effective Potassium Silicate. GROPROS formulation allows for superior uptake into the crop and quickly strengthens cellular walls. Silica is an essential nutrient in cellular wall rigidity and enhances the structural lifespan of the cell wall, which allows for longer shelf life. Shield also reduces split and other skin issues with fruit due to environmental impacts. Shield provides a balanced silicate (Si) load in the crops that heightens photosynthesis and chlorophyll content.

### **EFFICACY**

Increased storage and shelf life  
Reduced split of skin