



Sunburn and heat stress take a major toll on citrus varieties. As part of a planned treatment program, **ULTRA GRO Crop Shield** can significantly reduce losses from sunburn, bleaching, internal damage and heat stress, resulting in increased fruit quality, greater plant vigor and higher marketable yields. That can add up to greater profitability.

**ULTRA GRO Crop Shield** contains a mixture of highly effective nutrients and is an organic, water-soluble, biodegradable material. Macro and Micro nutrients such as nitrogen, phosphorous, potash, zinc, iron, manganese, copper, cobalt, and molybdenum are included. This combination will feed the plant necessary nutrients and protect it from heat and frost stress.

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### **2015-2018 Citrus Crop Shield Trial**

Five separate trials were conducted during the 2016, 2017, and 2018 seasons, testing Ultra Gro Crop Shield 3-4.5-2 on a monthly application (every 30 days) May- September.

#### **Satsuma Miho Wase**

Control: Trees very slow growing to no growth, sun burned fruit, and sun damaged leaf

Crop Shield: Tree growth substantial vs control, 22% reduction in Sun Damaged fruit, minimal to no sun damaged leaf, fruit one size larger on average, larger leaves

#### **Cara Cara:**

Control: 8-10% Sun Burnt/ Damaged Fruit

Crop Shield: 3-5% Sun Burnt/ Damaged Fruit, Larger leaf, Average one size larger vs control

#### **OL Navel:**

Control: Fruit drop late season, Split fruit, small non glossy leaf

Crop Shield: Minimal to no drop, Minimal to no split, large glossy leaf, one size larger fruit

#### **New Planting:**

Larger Caliper, continues growing in the hottest months, lessens insect pressure due to reduced stress, larger yields in years 3 and 4. Less replants. Less water stress.

#### **Bloods:**



Reduced sunburn, one to two sizes larger fruit, higher brix, better pack-out.