

**NEW PRODUCT!**



# HOLDFAST

## 1-0-1 WITH ORGANIC BIOSTIMULANTS

- Prevent Fruit Drop
- Increase Fruit Set and Size
- Stimulate Root Flush

**GUARANTEED ANALYSIS:**

Total Nitrogen (N) ..... 1%  
 1% Slowly Available Water Soluble Nitrogen\*  
 Soluble Potash (K<sub>2</sub>O) ..... 1%  
 Derived From: Fermented Plant Extracts, Potassium Humate  
 \* 1% slowly available nitrogen from Plant extracts

**NON PLANT FOOD INGREDIENTS:**

1% .....Potassium Humate (derived from leonardite)  
 3% .....Kelp (Ecklonia Maxima)  
 15% .....Total L-Amino Acids  
 0.0025% .....Yucca (natural Wetting Agent)  
 2% .....Mono and Disaccharides  
 5% .....Glycinebetaine  
 Weight per gallon (L) ..... 9 lbs. (1.34 kg)  
 pH ..... 5.5

**PRODUCT DESCRIPTION:**

HoldFast is based on innovative technologies derived from naturally occurring substances derived from plants and minerals. This broad range of chemically active natural ingredients stimulate the plant's reproductive system, while producing a direct response from the plant that induces an osmoprotectant by adjusting the osmotic balance inside the plant cells and tissues. By this natural defense mechanism, HoldFast helps the plant to overcome the environmental stress caused by heat, salinity, drought and cold, at critical times when the plant is producing blossoms and fruit set.

**APPLICATION RECOMMENDATION:**

HoldFast is completely soluble in water and can be applied as a foliar spray or as a soil drench by normal agricultural spray

- Increase Shelf Life
- Decrease Ethylene Production
- Protect Against Heat and Excess Water Stress

equipment. It can be tank mixed with other technical materials for a one spray application

Application timing: For crops whose yields are based on seeds or fruits the optimal application time is from early to mid flowering.

Adjuvant recommendation: For optimal penetration of HoldFast through the leaf surface, the use of adjuvant is recommended. Ideally, the application should take place either in the early morning or late evening when the relative humidity is higher.

Crop	Growth Stage	Rate Per Acre
Citrus	Bloom	1 pt (16 oz)
	Post Bloom to first summer oil spray	1 pt (16 oz)
	2 to 3 months prior to harvest	1 pt (16 oz)
Tree Fruits and Nuts, such as (but not limited to): Apple & Peach	Bloom	1 pt (16 oz)
Tomatoes, Cucurbits, & Fruiting Vegetable	Bloom	1 pt (16 oz)
Berries, such as (but not limited to): Blueberry, Blackberry, Raspberry, Strawberry	Bloom	1 pt (16 oz)

The following precautionary statements and pictograms are based on The Globally harmonized System of Classifications and Labeling of Chemicals (GHS) and are mandated by the Occupational Safety and Health Administration (OSHA)



**WARNING**

H316 Causes Mild Skin Irritation (or Dermatitis in Some Individuals Upon Prolonged Contact)  
 H320 Causes Eye Irritation (Burning)

**Condition of Sale and Warranty:** Growth Products, Ltd. warrants that the product conforms to its chemical description and is reasonably fit for the purpose stated on the label only when used in accordance with label directions under normal conditions of use. Handling, storage and use of the product by Buyer or User are beyond the control of Growth Products, Ltd. and Seller. Risks such as crop injury or other unintended consequences resulting from, but not limited to, weather or soil conditions, presence of other materials, disease, pests, drift to other crops or property, or failure to follow label directions will be assumed by Buyer or User. IN NO CASE WILL GROWTH PRODUCTS, LTD. OR SELLER BE HELD LIABLE FOR CONSEQUENTIAL, SPECIAL, OR INDIRECT DAMAGES RESULTING FROM THE HANDLING, STORAGE OR USE OF THIS PRODUCT.

Manufactured By:



Citrus Applications	
Application	Benefits
1st Application (2/3 Petal Fall)	<ul style="list-style-type: none"> <li>• Increase Fruit Set</li> <li>• Increase Fruit Size</li> <li>• Stimulate Root Growth</li> <li>• Fruit Maturation</li> </ul>
2nd Application (May/June in FL)	<ul style="list-style-type: none"> <li>• Stimulate Root Flush</li> <li>• Increase Fruit Size</li> <li>• Minimize Small Fruit Drop During Summer</li> <li>• Consolidate Fruit Maturation</li> <li>• Keep Fruit Growing At The Same Pace/Size</li> </ul>
3rd Application (2-3 Months Prior To Harvest)	<ul style="list-style-type: none"> <li>• Slow Down Respiration (Reduces Ethylene Gas Which Causes Leaf Drop)</li> <li>• Reduce Post Harvest Decay (Longer Shelf Life)</li> <li>• Reduce Fruit Abscising From HLB (Fruit Drop)</li> <li>• Prepare For Consolidate Bloom Next Season</li> </ul>