



**Mid Florida Citrus Foundation**  
**P.O. Box 8**  
**Oakland, FL 34760-0008**

Mid Florida Citrus Foundation trial on Stim Guard, Thyme Guard, Stimulagro and Asco Root  
 Trial dates 05/15/2013 through 12/05/2013 on Hamlin variety on West Block

HBPC fruit maturity conducted by Heller Bros 12/06/2013

	Acid	Brix	Ratio	Juice	Increase Acid	Brix	Ratio	Juice
Control 1	63	1010	1604	2115				
Control 2	61	1050	1722	2260				
Control ave	62	1030	1663	2187.5				
STIMGUARD 1	62	1080	1742	2650				
STIMGUARD 2	61	1100	1804	2765				
STIMGUARD AVE	61.5	1090	1773	2707.5		105.83%	106.61%	123.77%
applied 3 times at a rate of 2.5 quart per 32 gallons of water								
THYME GUARD 1	58	1070	1845	2220				
THYME GUARD 2	60	1080	1800	2240				
THYME GUARD AVE	59	1075	1822.5	2230		104.37%	109.59%	101.94%
applied 3 times at a rate of .4% dilution								
STIMULAGRO 1	62	1040	1678	1920				
STIMULAGRO 2	66	1100	1667	2220				
STIMULAGRO AVE	64	1070	1672.5	2070	103.23%	103.88%	100.57%	
applied 3 times at a rate of 1.25 quartper acre								
ASCO ROOT 1	59	1130	1916	2175				

ASCO ROOT 2	63	1090	1731	2190		
ASCO ROOT AVE	61	1110	1823.5	2182.5	107.77%	109.65%

applied once at a rate of 3.5 lbs per acre

**overall harvest yield from 12/02/2013 to 12/05/2013**

	Boxes	improvement	
Control 1	29.6	0.000%	
Control 2			
Control ave			
STIMGUARD 1	35.5	119.9%	20%
STIMGUARD 2			
STIMGUARD AVE			
THYME GUARD 1	43.1	145.61%	46%
THYME GUARD 2			
THYME GUARD AVE			
STIMULAGRO 1	33	111.49%	11.40%
STIMULAGRO 2			
STIMULAGRO AVE			
ASCO ROOT 1	29.75	0.51%	0.50%
ASCO ROOT 2			
ASCO ROOT AVE			