

2018/19 Indian River Fresh Grapefruit Cost of Production Survey

Enter all estimates below on a **per acre** basis for a "typical" mature grove (10+ years old).

Tree density per acre: _____ Total acres your operation manages: _____

Program	Annual Materials Cost per Acre	Single Application Cost per Acre		Annual Number of Applications per Acre*	
		Ground	Aerial	Ground	Aerial
Mechanical Mowing					
Chemical Mowing					
Herbicide					
CHMAs Sprays		Ground	Aerial	Ground	Aerial
Insecticide		Ground	Aerial	Ground	Aerial
Foliar Nutritional					
Fungicide					
Bactericide					
Ground/Dry Fertilizer					
Fertigation/Liquid Fertilizer					
pH Management					
Soil amendments					
Hedging + Topping + Skirting					
Chop/Mow Brush					

*If applicable, this refers to spraying every middle (as opposed to every other middle)

Irrigation. Include all of the following:	Annual Cost per Acre
Fuel / electricity for pump	
Travel set-up cost (Start/Stop pump)	
Maintenance and repairs (pump and emitters)	
Ditch and canal maintenance	
Water control (pump water in/out of ditches)	

Item	Annual Cost per Acre
Management Costs (office staff, supervising, etc.)	
Canker control (clean blocks, inspections, decontamination)	
Fly Protocol	

Tree replacement	Trees Per Acre
Annual number of trees removed	
Annual number of trees reset	
For resetting:	Cost per Tree
Tree removal (Clip-shear; use front-end loader)	
Site preparation (disk; rotovate)	
Planting (cost of tree + plant and watering)	
Young tree care for years 1, 2, and 3 (e.g.: neonicotinoids, fertilizer, labor)	

Estimate your total annual cost of production per acre: _____