

Cost of Production per Acre for Fresh Grapefruit in Indian River, 2020/21

CULTURAL COST OF PRODUCTION PER ACRE

Costs represent a mature grove (10+ years old) including resets

	Cost per acre (\$)
Weed Management	258.48
Foliar Sprays	1176.75
Fertilizer	535.50
Pruning (topping, hedging, skirting)	122.50
Irrigation ¹ (including fuel)	169.11
Canker Control Costs ²	25.00
Total Cultural Costs of Production without Tree Replacement	2334.84
Tree Replacement (2 trees)	105.58
Total Cultural Cost of Production with Tree Replacement	2440.42

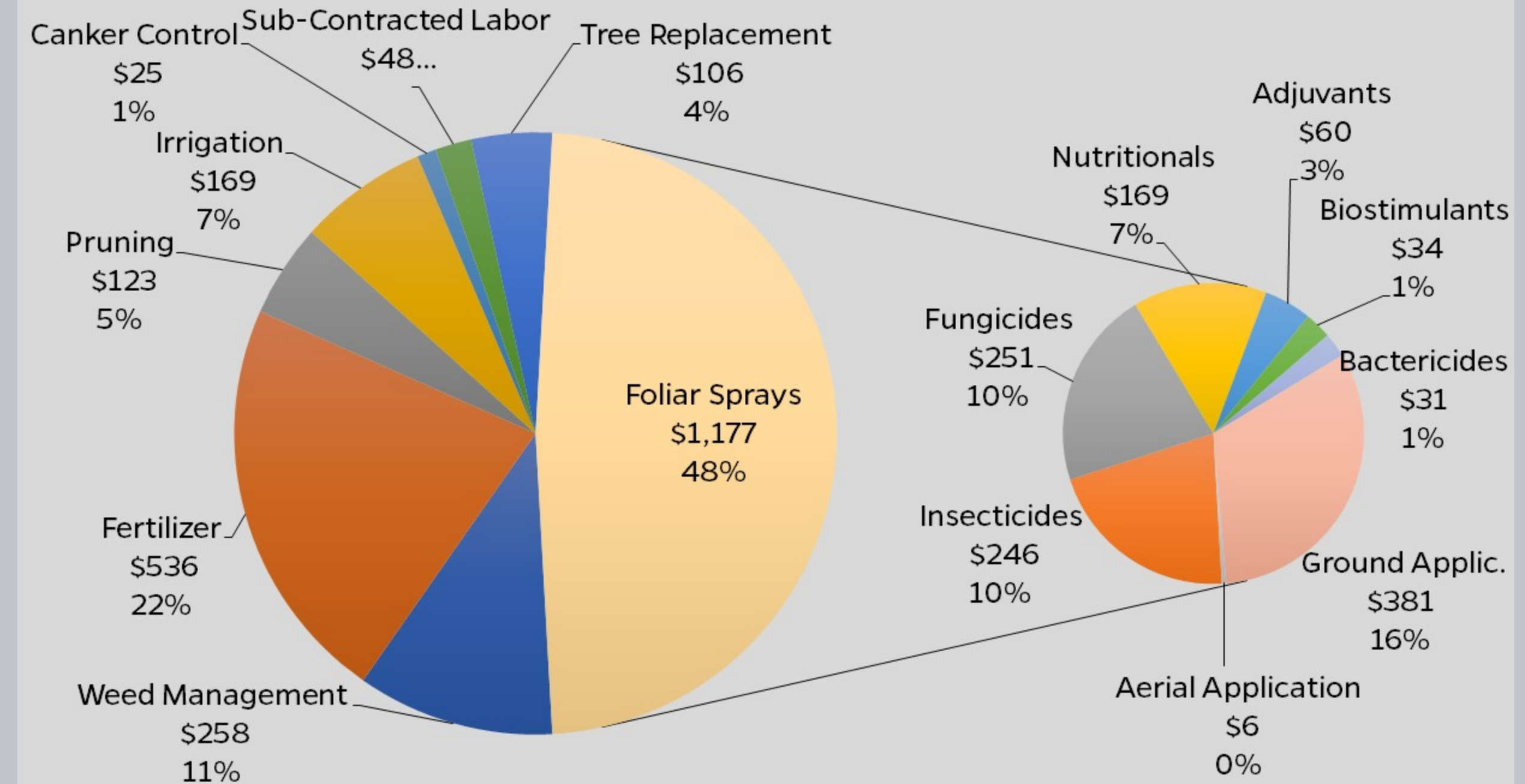
¹Irrigation System Includes: Maintenance and Repairs to Emitters, Clean Ditches, Ditch and Canal Maintenance, Water Control

²Canker Control Includes: Clean Blocks Before Certification and Harvesting; Inspections before "Canker Free" Certifications; Mandatory Citrus Canker Decontamination Costs

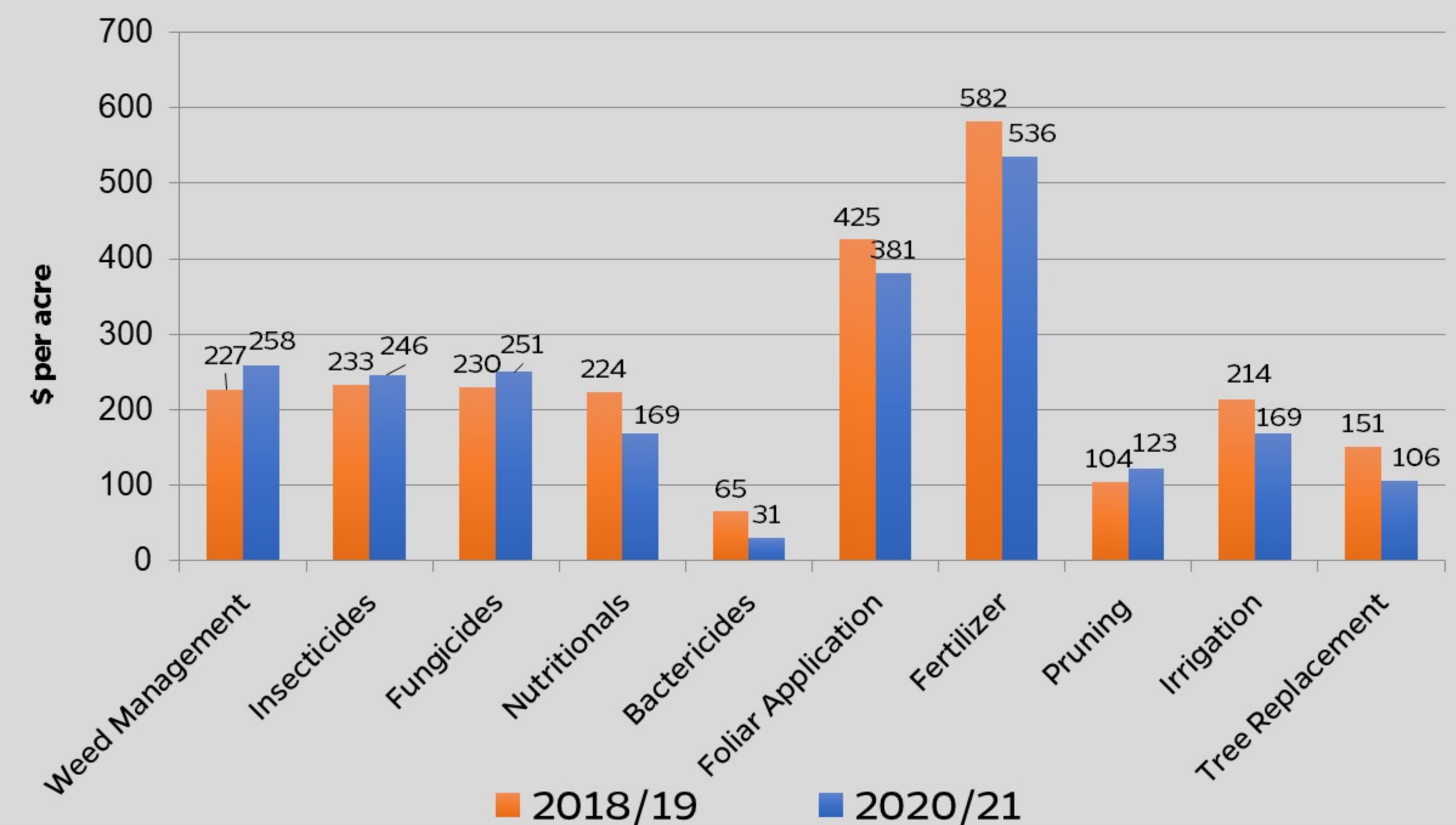
TOTAL COST OF PRODUCTION PER ACRE

Total Cultural Costs	2440.42
Other Costs:	
Interest on Operating (Cultural) Costs	122.02
Management Cost	145.00
Property Tax/Water Management Tax	18.50
Fly protocol	40.00
Water Drainage District Assessment	107.00
Interest on Average Capital Investment	165.57
Total Other Costs	598.09
Total Grower Costs	3038.51

Cultural Cost of Production per Acre



Cultural Cost of Production per Acre by Program



Cost of Production per Acre for Processed Oranges in Southwest Florida, 2020/21

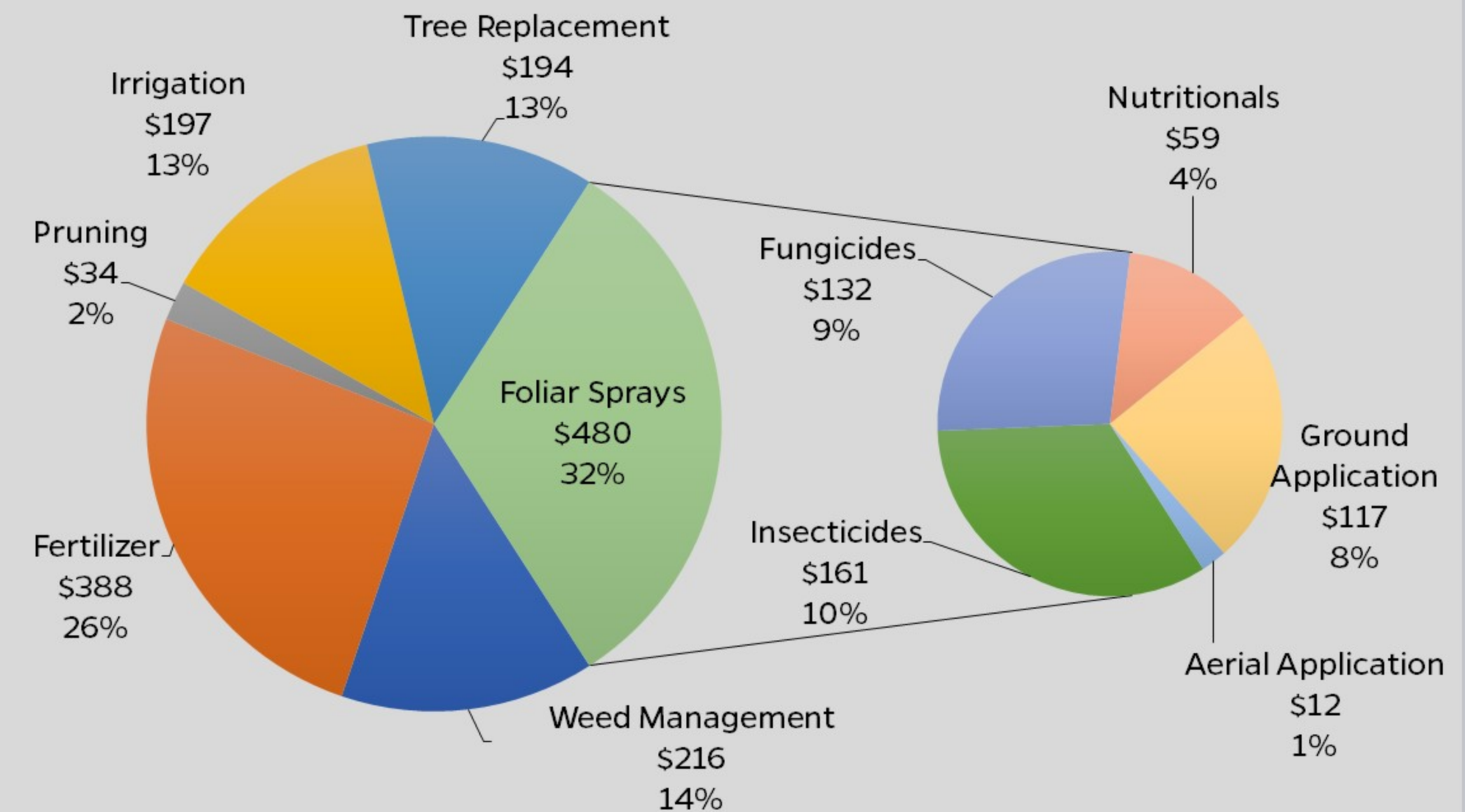
CULTURAL COST OF PRODUCTION PER ACRE

Costs represent a mature grove (10+ years old) including resets

	Cost per acre (\$)
Weed Management	215.64
Foliar Sprays	479.71
Fertilizer	387.96
Pruning (topping, hedging, chop/mow Brush)	33.58
Irrigation ¹	197.15
Total Cultural Costs of Production without Tree Replacement	1314.04
Tree Replacement (6 trees)	193.75
Total Cultural Cost of Production with Tree Replacement	1507.79

¹Irrigation System Includes: Maintenance and Repairs to Emitters, Clean Ditches, Ditch and Canal Maintenance, Water Control

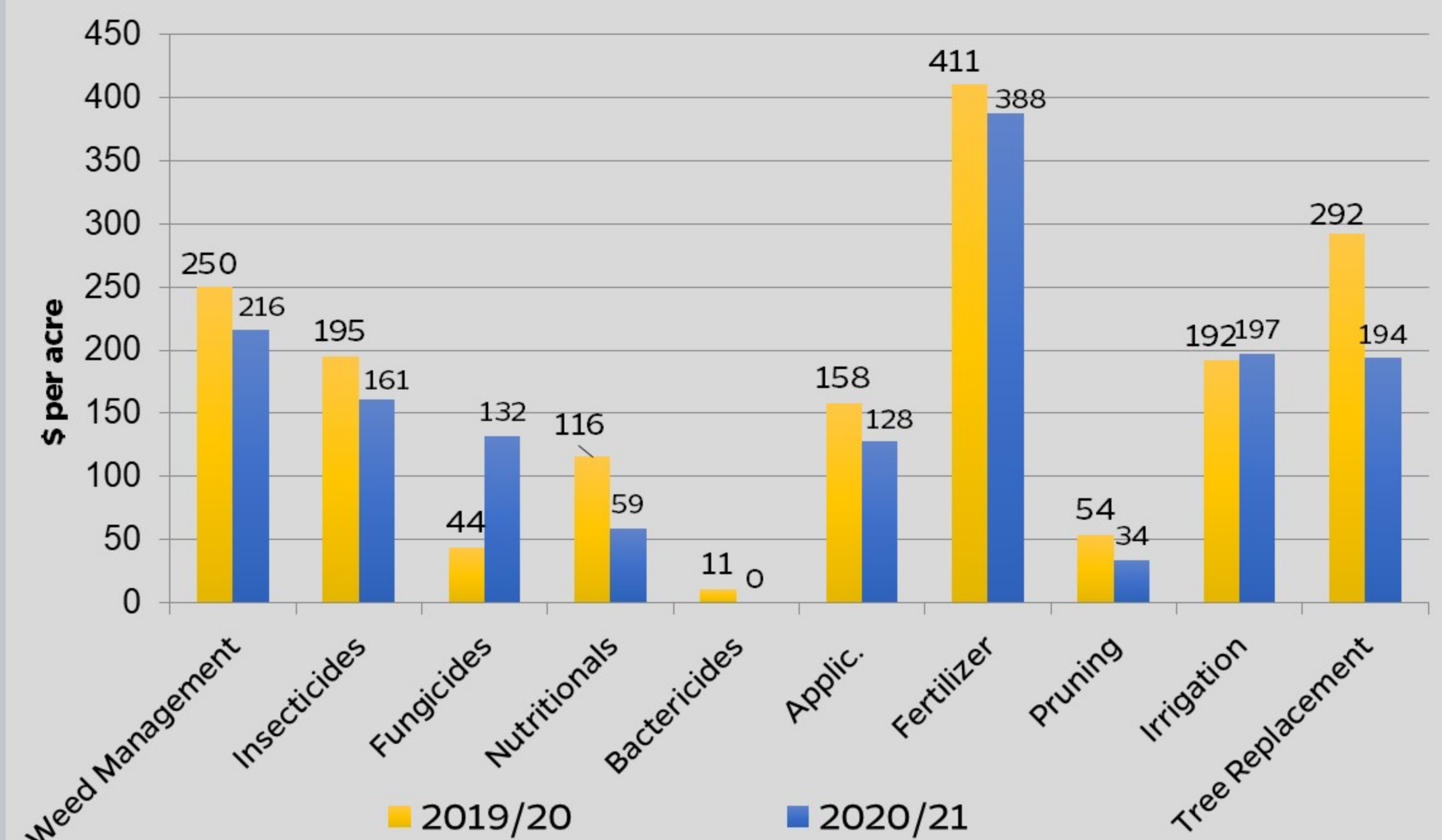
Cultural Cost of Production per Acre



TOTAL COST OF PRODUCTION PER ACRE

Total Cultural Costs	1507.79
Other Costs:	
Interest on Operating (Cultural) Costs	75.39
Management Cost	144.00
Property Tax/Water Management Tax	28.73
Interest on Average Capital Investment	165.57
Total Other Costs	413.69
Total Grower Costs	1921.48

Cultural Cost of Production per Acre by Program



Break-Even Price Analysis

Southwest Florida

Early and Mids (Processed Oranges)	Yield (boxes per acre)								
	125	150	175	200	225	250	275	300	325
	<i>dollars per acre</i>								
Cost of Production	1921	1921	1921	1921	1921	1921	1921	1921	1921
Pick and Haul	403	483	564	644	725	805	886	966	1047
FDOC assessment	15	18	21	24	27	30	33	36	39
Delivered-in Cost	2339	2422	2506	2589	2673	2756	2840	2923	3007
Break-even Price (\$ per box)									
Delivered-in	18.71	16.15	14.32	12.95	11.88	11.03	10.33	9.74	9.25
Break-even Price (\$ per pounds solids) assuming 5.15 pound solids per box									
Delivered-in	3.63	3.14	2.78	2.51	2.31	2.14	2.01	1.89	1.80

Valencia (Processed Oranges)	Yield (boxes per acre)								
	125	150	175	200	225	250	275	300	325
	<i>dollars per acre</i>								
Cost of Production	1921	1921	1921	1921	1921	1921	1921	1921	1921
Pick and Haul	416	500	583	666	749	833	916	999	1082
FDOC assessment	15	18	21	24	27	30	33	36	39
Delivered-in Cost	2353	2439	2525	2611	2698	2784	2870	2956	3043
Break-even Price (\$ per box)									
Delivered-in	18.82	16.26	14.43	13.06	11.99	11.14	10.44	9.85	9.36
Break-even Price (\$ per pounds solids) assuming 5.66 pound solids per box									
Delivered-in	3.33	2.87	2.55	2.31	2.12	1.97	1.84	1.74	1.65

Break-Even Price Analysis

INDIAN RIVER (Fresh Grapefruit)	Yield (boxes per acre)								
	175	200	225	250	275	300	325	350	375
	<i>dollars per acre</i>								
Cost of Production	3039	3039	3039	3039	3039	3039	3039	3039	3039
Pick and Haul	520	595	669	744	818	892	967	1041	1115
FDOC assessment	12	14	16	18	19	21	23	25	26
Delivered-in Cost	3571	3647	3723	3800	3876	3952	4028	4104	4180
Break-even Price (\$ per box) (Assuming: 69% packout, 30% field run, price eliminations \$9.52/box and \$9.98/box for field run)									
On-tree	29.54	25.02	21.50	18.69	16.39	14.47	12.84	11.45	10.25
Delivered-in	31.89	27.37	23.85	21.04	18.73	16.82	15.19	13.80	12.60

