

Agricultural Extension Service, University of California

SAMPLE COSTS OF ESTABLISHING EUREKA LEMON GROVE - NIPOMO MESA  
SAN LUIS OBISPO COUNTY - 1970

AGRICULTURE  
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AUG 8 1972

by  
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UNIVERSITY OF CALIFORNIA BERKELEY	COSTS PER ACRE				
	1st Year	2nd Year	3rd Year	4th Year	5th Year
YIELD: FIELD BOXES PER ACRE	0	0	125	350	500
<b>PRE-HARVEST CASH COSTS</b>					
Land clearing, brush & tree removal: range \$10 to \$350	170.00				
Layout, plant, irrigate & wrap trees	50.00				
Trees: 112 @ \$2.75	308.00				
Replant second year		10.00			
Irrigation (sprinkler) labor	22.00	27.50	27.50	27.50	27.50
Water: @ \$20/ ac ft for power	5.40	14.00	23.00	32.00	40.00
Weed control by chemicals	21.00	17.50	15.00	12.50	10.00
Fertilizer (injected in water)	4.00	13.00	22.00	31.00	40.00
Pest control: materials & application	1.00	21.00	41.00	61.00	80.00
Pruning		5.50	11.00	22.00	33.00
Frost protection:					
Wind machine - 1 to 10 acres	65.00	65.00	65.00	65.00	65.00
Oil, labor for heaters @ 15/ac average	56.50	56.50	56.50	56.50	56.50
Misc. labor, materials		5.00	10.00	20.00	30.00
Rodent control, etc	15.00	15.00	15.00	15.00	15.00
Taxes (estimate)	31.00	31.00	31.00	31.00	74.70
Repairs to equip., except tractor	18.00	18.00	18.00	18.00	18.00
Office, car, operating exp (6% of above)	48.00	19.92	22.08	25.47	31.36
Management	33.00	33.00	33.00	33.00	33.00
<b>Total Pre-Harvest Cash Costs</b>	\$ 847.90	\$ 351.92	\$ 390.08	\$ 449.97	\$ 554.06
<b>HARVESTING COST</b>					
Picking: 80¢ field box (50#)	0.00	0.00	100.00	280.00	400.00
Hauling: 15¢ field box	0.00	0.00	18.75	52.50	75.00
<b>Total Harvesting Cost</b>	\$	\$	\$ 118.75	\$ 332.50	\$ 475.00
<b>Total Cash Cost</b>	\$ 847.90	\$ 351.92	\$ 508.83	\$ 782.47	\$ 1,029.06
<b>DEPRECIATION</b>					
Pump, panel, wall: \$200, 10-year life	20.00	20.00	20.00	20.00	20.00
Irrig. system: \$190, 15-year life	12.67	12.67	12.67	12.67	12.67
Wind machine: \$540, 15-year life	36.00	36.00	36.00	36.00	36.00
Tractor: \$1.10 per hour	4.40	3.30	3.30	4.40	4.40
Heaters, spray rig etc: \$46 10-year life	4.60	4.60	4.60	4.60	4.60
<b>Total Depreciation</b>	\$ 77.67	\$ 76.57	\$ 76.57	\$ 77.67	\$ 77.67
<b>INTEREST ON INVESTMENT @ 7%</b>					
Pump, panel, wall: 1/2 cost \$100	7.00	7.00	7.00	7.00	7.00
Irrigation system: 1/2 cost \$95	6.65	6.65	6.65	6.65	6.65
Wind machine: 1/2 cost \$270	18.90	18.90	18.90	18.90	18.90
Tractor: 60¢	2.40	1.80	1.80	2.40	2.40
Heaters, spray rig, etc: 1/2 cost \$23	1.61	1.61	1.61	1.61	1.61
Land: \$1,500	105.00	105.00	105.00	105.00	105.00
Interest on accumulated costs		74.70	119.79	161.96	195.64
<b>Total Interest on Investment</b>	\$ 141.56	\$ 215.66	\$ 266.75	\$ 303.52	\$ 337.20
<b>Total Cost for the Year</b>	\$ 1,067.13	\$ 644.15	\$ 846.15	\$ 1,163.66	\$ 1,443.93
<b>Credit for fruit (\$1.95 fd box)</b>	\$ 0.00	\$ 0.00	\$ 243.75	\$ 682.50	\$ 975.00
<b>NET COST FOR THE YEAR</b>	\$ 1,067.13	\$ 644.15	\$ 602.40	\$ 481.16	\$ 468.93
<b>ACCUMULATED NET COST</b>	\$ 1,067.13	\$ 1,711.28	\$ 2,313.68	\$ 2,794.84	\$ 3,263.77