

Cooperative Extension, University of California
 SAMPLE COSTS TO PRODUCE HASS AVOCADOS
 SAN LUIS OBISPO COUNTY - 1983

By
 John H. Foott, Farm Advisor
 E. A. Yeary, Farm Advisor-Statewide

Costs based on yield of 250 field boxes (40 lbs.) per acre, 20 acre grove.
 All labor at \$8.15 per hour cost to the grower - includes fringe benefits.

	Sample Costs		My Costs	
	Per Acre	Per Box	Per Acre	Per Box
PRE-HARVEST COSTS				
Pruning and thinning: 10 hrs. labor	\$ 81.50	\$	\$	\$
Weed control by chemical - total	101.00			
Irrigation labor: 9 hrs.	73.35			
Water: 2 acre feet at \$75	150.00			
Fertilizer: water applications & materials	48.00			
Pest control: materials & application	94.90			
Frost protection by wind machines	220.00			
Zinc spray: materials & application	11.00			
County taxes	121.00			
Repairs, except tractor	103.00			
Misc. labor, materials, field power	126.50			
Management	75.00			
Office & business costs	144.42			
TOTAL PRE-HARVEST COSTS	\$1349.67	\$ 5.40	\$	\$
HARVESTING COSTS				
Pick: \$2 per field box	\$ 500.00			
Haul: \$.40 per field box	100.00			
TOTAL HARVEST COSTS	\$ 600.00	\$ 2.40	\$	\$
TOTAL CASH COSTS	\$1949.67	\$ 7.80	\$	\$
DEPRECIATION				
Pump, panel, well \$500, 10 yr.	\$ 50.00			
Drip irrigation system \$700, 10 yrs.	70.00			
Wind machines \$1600, 15 yrs.	107.00			
Tractor	16.00			
Other equipment	37.00			
Trees: \$10,111, 30 yrs.	337.00			
TOTAL DEPRECIATION	\$ 617.0	\$ 2.46	\$	\$
INTEREST ON INVESTMENT @11%				
Pump, panel, well 1/2 cost \$250	\$ 27.50	\$	\$	\$
Drip irrigation system 1/2 cost \$350	38.50			
Wind machine 1/2 cost \$800	88.00			
Tractor	9.00			
Other equipment	19.60			
Trees: 1/2 cost \$5056	556.16			
Land: \$5000 per acre	550.00			
TOTAL INTEREST ON INVESTMENT	\$1288.76	\$ 5.16	\$	\$
TOTAL COST OF PRODUCTION	\$3855.43	\$ 15.42	\$	\$

Sample Cost per Field Box at Varying Yields

Yield: 40 lb. field boxes per acre	100	200	300	400	500
Total cost per field box	34.95	18.68	13.25	10.54	8.91

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SAMPLE COSTS TO ESTABLISH A HASS AVOCADO GROVE
SAN LUIS OBISPO COUNTY - 1983

John H. Foott, Farm Advisor
E. A. Yeary, Farm Advisor-Statewide

Based on a mature yield of 250 field boxes (40 lbs.) per acre, 20 acre grove.
All labor at \$8.15 per hour cost to the grower--includes fringe benefits.

Yield: pounds per acre	COST PER ACRE			
	1st year	2nd year	3rd year	4th year
	0	0	1240	2480
PRE-HARVEST CASH COSTS:	\$	\$	\$	\$
Land preparation: range \$100 to \$300	200.00			
Trees: 125 @ \$8.25; 8, 2nd yr; 4, 3rd yr.	1031.25	66.00	33.00	
Lay out, plant, irrigate \$/tree	375.00	24.00	12.00	
Irrigation labor (drip system)	55.00	110.00	110.00	110.00
Water: \$75/ac. ft/	37.50	37.50	75.00	112.50
Weed control: chemical with hand labor supplement	202.00	126.00	126.00	101.00
Fertilizer (injected in water)	6.00	16.90	33.90	48.00
Pest control materials & application including rodent control & nutrient spray	76.00	76.00	76.00	94.90
Pruning, suckering and typing	23.00	23.00	23.00	46.00
Frost protection: wind machines	220.00	220.00	220.00	220.00
Taxes	63.00	63.00	63.00	63.00
Repairs, except tractors	83.00	87.00	93.00	103.00
Misc. labor and materials	82.00	82.00	82.00	82.00
Management	75.00	75.00	75.00	75.00
Office and business costs	202.30	80.51	81.75	84.43
TOTAL PRE-HARVEST COSTS	\$2731.05	\$1086.91	\$1103.85	\$1139.83
HARVESTING COSTS				
Pick: \$2 per 40 lb. field box			62.00	124.00
Haul: \$.40 per 40 lb. field box			12.40	24.80
TOTAL HARVESTING COSTS			\$ 74.40	\$ 148.80
TOTAL CASH COSTS	\$2731.00	\$1086.00	\$1178.05	\$1288.63
DEPRECIATION	\$	\$	\$	\$
Pump-panel-well \$500 10 yrs.	50.00	50.00	50.00	50.00
Drip irrigation system \$700 10 yrs.	70.00	70.00	70.00	70.00
Wind machines \$1600 15 yrs.	107.00	107.00	107.00	107.00
Tractor	16.00	12.00	12.00	16.00
Other equipment	37.00	37.00	37.00	37.00
TOTAL DEPRECIATION	\$ 280.00	\$ 276.00	\$ 276.00	\$ 280.00
INTEREST ON INVESTMENT AT 11%				
Pump-panel-well 1/2 cost \$250	\$ 27.50	\$ 27.50	\$ 27.50	\$ 27.50
Drip irrigation system 1/2 cost \$350	38.50	38.50	38.50	38.50
Tractor	9.00	6.75	6.75	9.00
Other equipment	19.60	19.60	19.60	19.60
Land: \$5000	550.00	550.00	550.00	550.00
Interest on accumulated costs		411.80	687.36	921.41
TOTAL INTEREST ON INVESTMENT	\$ 732.60	\$1142.15	\$1417.71	\$1654.01
TOTAL COST FOR THE YEAR	\$3743.65	\$2505.06	\$2871.76	\$3222.64
CREDIT FOR FRUIT @\$.60/lb.			\$ 744.00	\$1488.00
NET COST FOR THE YEAR	\$3743.65	\$2505.06	\$2127.76	\$1734.64
ACCUMULATED NET COST	\$3743.65	\$6248.71	\$8376.47	10111.11

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