

SAMPLE COSTS TO PRODUCE PECANS
Southern San Joaquin Valley - 1984

Labor rate \$ 7.50 /hr. skilled labor
5.75 /hr. field labor
Yield: 2000 pounds of dry nuts per acre

Operation	Labor Hours per Acre	Labor	Cash and Fuel & Repairs	Labor Costs per Acre Kind and Quantity	Materials Cost	Total Cost	Your Cost
Cultural costs:							
Pruning	4	30.00		Tower Rental \$20/hr.	80.00	110.00	
Brush Disposal	4	30.00	8.00			38.00	
Fertilizer				100 lbs. N @ .33/lb.	33.00	33.00	
				Custom application	6.00	6.00	
Zinc Nutrition 4X				Materials	23.00	23.00	
				Custom Application	56.00	56.00	
Spray: Pest Control 3X				Materials	42.00	42.00	
				Custom application	42.00	42.00	
Tillage and Irrig. prep.	1	5.75				5.75	
Irrigation	1	5.75		3.5 ac.ft. @ \$14.00/ ac. ft. + \$6.00 tax	55.00	60.75	
Spray: weed control				Materials & Applic.		26.80	
Row 5X	2.5	18.75	22.50			41.25	
Misc.	1	7.50	7.00			14.50	
Interest on operating capital @ 13%						64.88	
TOTAL CULTURAL COSTS	13.5	97.75	37.50		337.00	563.93	
Harvest costs:							
Shake, pick haul				Custom \$120/ton	120.00	120.00	
Hull and Dry				\$120/ton	120.00	120.00	
TOTAL HARVEST COSTS						240.00	
Cash overhead:							
Office and business costs						64.31	
County Taxes						120.00	
TOTAL CASH OVERHEAD COSTS						184.31	
TOTAL CASH COSTS						988.24	
TOTAL CASH COST PER TON						988.24	
Investment							
	Per Acre			Annual Cost			
				Depreciation	Interest @ 13%		
Equipment & buildings	880.00			67.67	57.20	124.87	
Trees 40 yr. depreciation	11352.00			283.80	737.88	1021.68	
Land	6000.00				780.00	780.00	
TOTAL INVESTMENT COSTS	18232.00			351.47	1575.08	1926.55	
TOTAL COSTS PER ACRE						2914.79	
Cost per ton @	2000 lbs. yield					2914.79	

Cost of Producing Pecans at Varying Yields

	POUNDS PER ACRE					
	500	1000	1500	2000	2500	3000
Cultural costs	563.93	563.93	563.93	563.93	563.93	563.93
Harvest cost	150.00	180.00	210.00	240.00	300.00	360.00
Cash overhead	177.11	179.51	181.91	184.31	189.11	193.91
Total cash cost	891.04	923.44	955.84	988.24	1053.04	1117.84
Investment cost	1926.55	1926.55	1926.55	1926.55	1926.55	1926.55
Total cost	2817.59	2849.99	2882.39	2914.79	2979.59	3044.39

Income Above Cash Costs at Varying Yields & Prices

CENTS PER POUND	POUNDS PER ACRE					
	500	1000	1500	2000	2500	3000
80	-491.04	-123.44	244.16	611.76	946.96	1282.16
85	-466.04	-73.44	319.16	711.76	1071.96	1432.16
90	-441.04	-23.44	394.16	811.76	1196.96	1582.16
95	-416.04	26.56	469.16	911.76	1321.96	1732.16
100	-391.04	76.56	544.16	1011.76	1446.96	1882.16
105	-366.04	126.56	619.16	1111.76	1571.96	2032.16
110	-341.04	176.56	694.16	1211.76	1696.96	2182.16
115	-316.04	226.56	769.16	1311.76	1821.96	2332.16
120	-291.04	276.56	844.16	1411.76	1946.96	2482.16

Income Above Total Costs at Varying Yields & Prices

CENTS PER POUND	POUNDS PER ACRE					
	500	1000	1500	2000	2500	3000
80	-2417.59	-2049.99	-1682.39	-1314.79	-979.59	-644.39
85	-2392.59	-1999.99	-1607.39	-1214.79	-854.59	-494.39
90	-2367.59	-1949.99	-1532.39	-1114.79	-729.59	-344.39
95	-2342.59	-1899.99	-1457.39	-1014.79	-604.59	-194.39
100	-2317.59	-1849.99	-1382.39	-914.79	-479.59	-44.39
105	-2292.59	-1799.99	-1307.39	-814.79	-354.59	105.61
110	-2267.59	-1749.99	-1232.39	-714.79	-229.59	255.61
115	-2242.59	-1699.99	-1157.39	-614.79	-104.59	405.61
120	-2217.59	-1649.99	-1082.39	-514.79	20.41	555.61

PECAN ORCHARD
Southern San Joaquin Valley - 1984

EQUIPMENT AND BUILDING LIST

ITEM	ORIGINAL COST	ANNUAL USE (ACRES)	COST PER ACRE	LIFE (YEARS)	OVERHEAD DEPREC- IATION	INTEREST AT 13%	COST PER HOUR
Tractors:							
55 HP wheel diesel	30000	60	500.00	10	50.00	32.50	7.00
Disk, tandem 14'	7500	60	125.00	10	12.50	8.13	3.60
Float	9500	60	158.33	10	15.83	10.29	4.56
Mower	4000	60	66.67	10	6.67	4.33	2.00
Brush Rake	1000	60	16.67	15	1.11	1.08	1.00
Pipeline Irrigation System	24000	60	400.00	20	20.00	26.00	
Buildings	12000	60	200.00	30	6.67	13.00	
TOTAL COST	88000		1466.67		112.78	95.33	
50% OF NEW COSTS	52800		880.00		67.67	57.20	