

Pecan Orchard Establishment Costs
Southern San Joaquin Valley - 1984
Cost Analysis Work Sheet

Costs are for an orchard planted 28' x 28', with 55 trees per acre. A pipeline irrigation system is used. Numbers have been rounded to the nearest dollar.

Skilled Labor \$ 7.50
Field Labor \$ 5.75

Costs Per Acre

	1st Year	2nd Year	3rd Year	4th Year	5th Year	6th Year	7th Year
YIELD: lbs./acre in-shell	---	---	---	80	300	800	1000

CULTURAL COSTS:

Land Preparation: subsoil contract	160						
Disk and Float: 4 hours labor and tractor	45						
Trees: 55 @ \$10.50(+2 2nd Yr. and 1 3rd Yr.)	578	21	11				
Survey and Plant: 55 @ \$1.00 2nd and 3rd Yrs. \$3.	55	6	3				
Prune and Train (skilled hand labor)	4	8	15	23	70	86	86
Brush Disposal	5	9	19	28	28	28	28
Tillage and Irrigation Preparation: 7hrs. yrs. 1-3							
1 hr. yrs. 4+	127	127	127	18	18	18	18
Put up borders				30			
Mow middles				41	41	41	41
Spray: weed control				27	27	27	27
Irrigation: 4hrs. labor 1st 3 yrs. 1 hr. 4+ yrs.	23	23	23	6	6	6	6
Water: \$14 ac. ft. plus \$6 acre district tax	20	20	27	34	48	48	48
Fertilizer: Nitrogen \$.33/Lb .5 hr. labor and tractor	2	4	9	18	18	36	36
Spray: Nutrition (zinc) 4X							
Materials		9	18	18	23	23	23
Application		14	28	28	56	56	56
Spray: pest control materials		11	21	21	42	42	42
Custom application		14	28	28	42	42	42
Misc. labor and power, 1hr. labor and tractor	15	15	15	15	15	15	15
TOTAL CULTURAL COSTS	1040	287	349	341	441	475	475

HARVESTING COSTS:

Canopy Frame \$75/acre				75	75	75	
Shaver, pick haul \$120/ton, 1 ton minimum							120
Hull and Dry \$120/ton				5	18	48	60
TOTAL HARVESTING COSTS				80	93	123	180

	1st Year	2nd Year	3rd Year	4th Year	5th Year	6th Year	7th Year
OVERHEAD COSTS:							
County taxes	60	60	60	60	60	120	120
Office and Business Costs	83	23	28	27	35	38	38
TOTAL OVERHEAD COSTS	143	83	88	87	95	158	158
TOTAL CASH COSTS	1183	370	437	508	629	756	813
ACCUMULATED CASH COSTS	1183	1553	1991	2499	3128	3884	4697
DEPRECIATION:							
Building, equipment, and Irrigation system	68	68	68	68	68	68	68
INTEREST ON INVESTMENT @ 13%:							
Building, equipment, and Irrigation system	57	57	57	57	57	57	57
Land \$6000	780	780	780	780	780	780	780
Interest in accum. cash cost	154	202	259	325	407	505	611
TOTAL INTEREST ON INVESTMENT	991	1039	1096	1162	1244	1342	1448
TOTAL COST FOR THE YEAR	2242	1477	1601	1667	1940	2166	2329
CREDIT FOR PRODUCTION							
.95/LB. In-shell				76	285	760	950
NET COST FOR THE YEAR	2242	1477	1601	1591	1655	1406	1379
ACCUMULATED NET COST	2242	3719	5320	6911	8567	9973	11352