

ALMOND ORCHARD ESTABLISHMENT COSTS WORKSHEET

Strip Weed Control - Cultivate Centers

Northern San Joaquin Valley 1985

Costs are for an 80 acre block planted 24' x 24', with 75 trees per acre. A solid set sprinkler system is used.

Skilled Labor \$ 7.50
Field Labor \$ 5.75

	1st Year	2nd Year	3rd Year	4th Year	5th Year
YIELD: lbs. nut meats / acre	---	---	---	300	750

CULTURAL COSTS:

Land Preparation: backhoe contract	300				
Disk & float: 3 hrs labor and tractor	57				
Fumigate - methyl bromide	112				
Trees: 75 @ \$3 (+2 2nd Yr. and 1 3rd Yr.)	225	6	3		
Survey and Plant: 75 @ \$1.00	75				
Replant @ \$3 per tree		6	3		
Prune and Train - skilled		15	30		
Prune and train - unskilled				29	29
Brush Disposal		9	15	18	18
Disk 2X - 3 acres/hr	13	13	13	13	13
Springtooth 3X - 4 acres/hr	14	14	14	14	14
Contact strip weed control	10	10	10	10	10
Pre-emergence strip control	36	36	23	23	23
Roll 1X - 3 acres/hr.				5	5
Pre-harvest herbicide				10	10
Irrigation labor .5 hr/acre	3	3	3	3	3
Water - 33"	62	62	62	62	62
Fertilize - labor & material	22	31	34	41	41
Insect and Disease Control	11	24	40	111	111
Pollination - \$25 per hive				25	50
Misc. expenses	20	20	20	20	20
Interest on operating costs	67	17	19	27	29
TOTAL CULTURAL COSTS	1028	267	289	411	438

TOTAL HARVESTING COSTS - custom 152 175

OVERHEAD COSTS:

County taxes	60	60	60	60	60
Office and Business Costs	20	20	20	20	20
TOTAL OVERHEAD COSTS	80	80	80	80	80

TOTAL CASH COSTS 1108 347 369 643 692

ACCUMULATED CASH COSTS 1108 1454 1823 2466 3158

CREDIT FOR PRODUCTION @ \$1/LB.				300	750
NET CASH COST OF PRODUCTION	1108	347	369	343	-58
ACCUMULATED NET CASH COST	1108	1454	1823	2166	2108
DEPRECIATION:					
Building, equipment, and irrigation system	104	104	104	104	104
INTEREST ON INVESTMENT @ 13%:					
Building, equipment, and irrigation system	88	88	88	88	88
Land \$6000	780	780	780	780	780
Interest on accum. cash cost	144	189	237	321	411
TOTAL INTEREST ON INVESTMENT	1012	1057	1105	1189	1279
TOTAL NET COST FOR THE YEAR	2224	1508	1578	1636	1325
ACCUMULATED NET COST	2224	3731	5309	6945	8269

ALMOND ORCHARD PRODUCTION COSTS WORKSHEET
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Costs are for an 80 acre block planted 24' x 24', with 75 trees per acre.
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Skilled Labor \$ 7.50
 Field Labor \$ 5.75

 YIELD: lbs. nut meats / acre 1500

CULTURAL COSTS:

Prune and train - unskilled	58
Brush Disposal	24
Contact strip weed control	10
Pre-emergence strip control	23
Irrigation labor-.5 hr/acre	3
Water - 33"	62
Fertilize - labor & materials	66
Insect and Disease control	111
Pollination - 2 hives/acre	50
Disk 2X - 3 acres per hour	13
Springtooth 3X - 4 acres per hour	14
Roll 1X - 3 acres per hour	5
Pre-harvest herbicide	10
Misc. expenses	20
Interest on operating costs	33

 TOTAL CULTURAL COSTS 501

TOTAL HARVESTING COSTS - custom 223

OVERHEAD COSTS:

County taxes	60
Office and Business Costs	20

 TOTAL OVERHEAD COSTS 80

TOTAL CASH COSTS 804

Investment costs:

	Depreciation	Interest @ 13%	
Land - \$6000/acre		780	780
Trees	207	537	744
Building, equipment, and irrigation system	104	90	194

 TOTAL DEPRECIATION AND INTEREST 1718

TOTAL COST PER ACRE 2522

ALMOND ORCHARD WITHOUT COVER CROP
EQUIPMENT AND BUILDING LIST
San Joaquin Valley - 1985

ITEM	ORIGINAL COST	ANNUAL USE (ACRES)	COST PER ACRE	LIFE (YEARS)	OVERHEAD		COST PER HOUR
					DEPREC- IATION	INTEREST AT 13%	
Tractors:							
40 HP wheel diesel	17000	80	212.50	10	21.25	13.81	3.80
60 HP wheel diesel	31000	80	387.50	10	38.75	25.19	8.00
Disk,tandem 14'	7500	80	93.75	10	9.38	6.09	3.60
Springtooth harrow	7800	80	97.50	10	9.75	6.34	3.70
Roller	1000	80	12.50	15	.83	.81	.05
Brush Rake	1000	80	12.50	15	.83	.81	1.00
Speed sprayer,PTO	12000	80	150.00	15	10.00	9.75	5.00
Weedsprayer	1200	80	15.00	10	1.50	.98	.50
Handgun	50	80	.63	5	.13	.04	.01
3-Wheel Motorcycle	1500	80	18.75	5	3.75	1.22	1.50
Pickup	8000	80	100.00	5	20.00	6.50	6.00
Misc. Tools	1000	80	12.50	10	1.25	.81	6.00
Pump and Well	10000	80	125.00	20	6.25	8.13	
Irrigation System	72000	80	900.00	20	45.00	58.50	
Buildings	10000	80	125.00	30	4.17	8.13	
TOTAL COST	181050		2263.13		172.83	147.10	
60% OF NEW COSTS	108630		1357.88		103.70	88.26	