

Young & Davis

SAMPLE COSTS TO ESTABLISH A FIG ORCHARD IN THE SOUTHERN SAN JOAQUIN VALLEY - 1970

Costs and prices are based on the Calimyrna variety. Others will vary somewhat in costs, yields and values. Tree spacing is 15' x 30'. Costs are developed for the first four years.

	COSTS PER ACRE			
	1ST YEAR	2ND YEAR	3RD YEAR	4TH YEAR
YIELD: FIELD RUN				300
PRE-HARVEST CASH COSTS:				
*Minimum land preparation	9.20			
**Fumigate: \$80 per acre				
Disc: 1 hr.	4.60			
Trees: 97 @ \$1	97.00			
Mark, stake, dig holes, plant & prune: 35¢/tree	33.95			
Replant 2nd yr.: 2 trees @ \$2.50		5.00		
Prune & train: starting 2nd yr.		7.30	14.60	24.25
Brush removal			4.50	4.50
Fertilize: labor & materials	5.11	8.35	11.60	8.80
Irrigate: water & labor	31.00	43.00	54.00	54.00
District taxes	45.00	45.00	45.00	45.00
Spray: pest control		7.50	11.25	15.00
Caprification				6.00
Disc 3 x	13.80	13.80	13.80	13.80
Weed control	4.00	4.00	4.00	4.00
Misc. labor, material, field power	6.00	6.00	6.00	6.00
Taxes	6.00	6.00	8.00	8.00
Repairs to equip. except tractor	8.00	8.00	8.00	8.00
Supervision	12.00	12.00	12.00	12.00
Office, car, business costs, etc.	19.30	11.62	13.49	14.65
TOTAL PRE-HARVEST CASH COSTS	294.96	177.57	206.24	224.00
HARVESTING COSTS:				
Total for machine harvest				2.70
Haul				.75
Sort				3.60
Dry yard costs				3.90
TOTAL HARVEST COSTS				10.95
TOTAL CASH AND LABOR COSTS	294.96	177.57	206.24	234.95
DEPRECIATION:				
Surface irrigation system: \$150, 10 yrs.	15.00	15.00	15.00	15.00
Bldgs. & equip.: \$120, 15 yrs.	8.00	8.00	8.00	8.00
Tractor: \$1.40/hour	7.00	5.60	5.60	7.00
TOTAL DEPRECIATION	30.00	28.60	28.60	30.00
INTEREST ON INVESTMENT AT 7%:				
Surface irrigation system: ½ cost, \$75	5.25	5.25	5.25	5.25
Bldgs. & equip: 6x tractor, ½ cost \$60	4.20	4.20	4.20	4.20
Tractor: 70¢/hr.	3.50	2.80	2.80	3.50
Land: \$400	28.00	28.00	28.00	28.00
Interest on accumulated costs	0.00	25.61	45.16	68.03
TOTAL INTEREST ON INVESTMENT	40.95	65.86	85.41	108.98
TOTAL COST FOR THE YEAR	365.91	272.03	320.25	373.93
CREDIT FOR FRUIT	0.00	0.00	0.00	48.00
NET COST FOR THE YEAR	365.91	272.03	320.25	325.93
TOTAL ACCUMULATED COST	365.91	637.94	958.19	1,284.12

* Previously farmed soils may require costs up to \$40 for subsoiling, leveling, etc.
 **May not be needed on new, clean soil

COST ANALYSIS WORK SHEET

ESTABLISHING A FIG ORCHARD IN THE SOUTHERN SAN JOAQUIN VALLEY

Marvin Gerdts and E. A. Yeary
Farm Advisors

This work sheet was developed to show sample costs for establishing a fig orchard under southern San Joaquin Valley conditions with 97 trees per acre. These costs will be useful as a guide when a specific orchard planting is under consideration. When using this work sheet, it is important to consider the following:

1. The sample costs are based on a 15' x 30' tree spacing. This is common for new plantings, but not for old plantings established at 30' x 30' spacing.
2. Tree loss is calculated at two per acre the first year. Under adverse conditions, loss could be much greater.
3. Fumigation costs are not included in total costs. Preplant fumigation may be necessary in some cases.
4. Crop returns have been deducted from total costs in the 4th year.
5. Irrigation system and tax figures used are based on current costs for the southwestern San Joaquin Valley. Costs may be lower in other areas.

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Farm & Home Advisors Office
1720 S. Maple Ave.
Fresno, California 93702

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