

SAMPLE COST OF

PRUNE PRODUCTION

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Agricultural Extension
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January 1960

UC Cooperative Extension

SAMPLE COSTS TO PRODUCE PRUNES (FRENCH), SOLANO COUNTY

Common Labor \$1.00
 10 Acres Prunes on 40 Acre Fruit Farm
 25 Trees Per Acre
 Yield: 2.0 dried Tons Per Acre

30 HP track tractor, Gas \$1.45/hr. (Fuel - Repair)
 30 HP wheel tractor, Gas \$1.00/hr. (Fuel - Repair)
 Speed sprayer - - - - - \$2.15/hr. (Fuel - Repair)
 1/2 ton pickup truck - - - - - \$1.18/hr. (Fuel - Repair)
 1 1/2 ton truck - - - - - \$1.59/hr. (Fuel - Repair)

Operation	Hrs. Per Acre	Labor	Fuel & Repairs	Materials	Total	My Costs
1. Prune	30	30.00	---	---	30.00	
2. Brush	2	2.00	1.45	---	3.45	
3. Spray - 1 time	1.2	1.20	4.32	9.60	15.12	
4. Fertilizer	0.5	.50	0.73	6.94 N55# @ 0.125	8.17	
5. Cultivation - 6 times one way	4.8	4.80	6.96	---	11.76	
5. Drag - 2 times one way	1.6	1.60	2.32	---	3.92	
7. Irrigation preparation	2.5	2.50	2.18	---	4.68	
8. Irrigate - 2 times	4.0	4.00	---	Power \$7.67	11.67	
9. Taxes		---	---	---	25.18	
10. Frop	7.0	7.00	4.77	---	11.77	
1. Harvest @ 27 1/2¢ per 40 lb. box		---	---	---	74.25	
2. Haul	7.4	7.40	8.36	---	15.76	
3. Drying @ \$15 per fresh ton		---	---	---	90.00	
4. Insurance		---	---	---	13.38	
5. Misc.	10	10.00	8.00	22.89	40.89	
Cash Cost	Per Acre				\$360.00	
	Per Pound				0.09	
6.						
	<u>INVESTMENT Per Acre</u>	<u>YEARS LIFE</u>	<u>DEPRECIATION (ANNUAL COST)</u>	<u>INTEREST @ 6%</u>		
Land	500.00	---	None	30.00		
Trees	600.00	33	18.27	18.00		
Irrigation Equip.	48.50	10	4.85	1.46		
Equipment	431.25	15	28.75	12.93		
Buildings	112.50	20	5.63	3.38		
Total	1692.25		57.50	65.77		
Overhead Cost	Per Acre				123.27	
	Per Pound				0.031	
Management Charge				Per Acre	48.33	
(10 percent of total cash and overhead costs)				Per Pound	0.012	
Total Cost	Per Acre				531.60	
	Per Pound				0.133	

1. Prune - Hourly. 2. Brush - Man 2 hrs. Tractor and brush rake 1 hr. 3. Spray - 1X in dormant with 1 qt. Elgetol plus 2½ gal. emulsive oil 500 gallons/acre.
4. Fertilize - ammonium sulfate. 5. Both ways in spring and after each of 2 irrigations. Rate of 0.8 hrs./acre. 7. Preparing to irrigate - furrow 1½, lay pipe 1 hr. 8. Irrigate - furrows. 11. Harvest - Assume 2 dried tons or 270 boxes fresh prunes/acre. Contract shake and pick for 27½¢ per box and 3:1 drying ratio.
9. Taxes - county and Social Security. 14. Insurance, General fire, liability, workman's comp., etc. 12. Haul - Forklift 2 hrs. and 1½ ton truck 4 hrs.
10. Prop - Includes truck 3 hrs. Also includes bringing in props. 15. Misc - Interest, pickup truck operation, replanting, covercrops, equip. repair, etc.
16. Overhead - Assuming the following equipment and buildings:

EQUIPMENT

30HP Gas track tractor--	\$4,000
30HP Gas wheel tractor (used) with forklift	2,000
Sprayer	4,000
Truck (used)	1,000
Pickup (used)	1,500
Disc	800
Furrower	300
Ridger	200
Roller	200
Ladders	150
Bags and buckets	50
Fertilizer spreader	200
Brush rake	600
Props, 9000	2250
	<u>\$17,250</u>

BUILDINGS

Bunkhouse for 10 men (old)	\$1500
Employee home (old)	1500
Machine shed	1500
	<u>\$4500</u>

IRRIGATION

10HP Turbine (used)	\$1500
Pipe 880' -6"	
surface (used)	440
	<u>\$1940</u>

Interest figured on half the original cost. Depreciation on straight line with no salvage value.