

P R U N E S
S A M P L E C O S T
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P R O D U C E
I N
S O L A N O C O U N T Y

COOPERATIVE EXTENSION
UNIVERSITY OF CALIFORNIA

PREPARED BY
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AND

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1975

SAMPLE COSTS TO PRODUCE FRENCH PRUNES

Solano County - 1975

Labor @ \$2.60 per hour and \$3.25 including social security, compension, insurance & housing
Based on 60 acre orchard - 90 trees per acre: Yield - 2.0 tons dry fruit

Operation	Hours Per Acre	Cash and labor cost per acre				Total
		Labor	Fuel and repairs	Materials		
				Kind and Quantity	Cost	
Cultural Costs						
Prune 90 trees @ \$.60		54.00	2.00			56.00
Brush removal	2.0	6.50	2.90			9.40
Spray - 2 times	1.0	3.25	10.30	Material	35.00	48.55
Fertilizer	.5	1.63	.60	Nitrogen - 90 lbs.@25¢	22.50	24.73
Cultivate - 8 times	4.0	13.00	15.20			28.20
Irrigate - 3 times	6.0	15.60	1.80	Water - 1.5 @ \$4	6.00	
				Power - 1.5 @ \$3.75	5.62	
				Irrigation dist. tax	10.50	
				Stand by charge	14.00	53.52
Prop	2.0	5.20	.70			5.90
Miscellaneous	2.0	5.20	3.00		6.00	14.20
TOTAL Cultural COSTS		104.38	36.50		99.62	240.50
Harvest Costs						
Drag - 2 times	1.0	3.25	1.40			4.65
Pick - 4 men	6.0	78.00	39.30	bin rent	4.00	121.30
Forklift	6.0	19.50	9.90			29.40
Haul				Contract 6 ton @ \$3	18.00	18.00
Dry				Contract 6 ton @ \$25	150.00	150.00
TOTAL HARVEST COSTS		100.75	50.60		172.00	323.35
Cash overhead						
Misc., office, etc.					33.05	
Taxes					72.00	
TOTAL CASH OVERHEAD						105.05
TOTAL CASH COST		205.13	87.10		376.67	668.90
Cash cost per ton @ 2 ton yield						334.45
Management 5% of 2 tons @ \$393						39.30
Annual Cost						
INVESTMENT	Per Acre			Depreciation	Interest - 8%	
Land	1400				112.00	
Trees - 15 years	1200			80.00	96.00	
Irrigation system - 20 yrs	200			10.00	8.00	
Buildings - 20 yrs	100			5.00	4.00	
Equipment - 10 yrs	1577			157.70	63.10	
Total	\$4477			\$252.70	\$283.10	535.80
TOTAL COST PER ACRE						1244.00
Cost per ton	@ 2 ton yield					622.00

NEW EQUIPMENT INVESTMENT FOR FRENCH PRUNE PRODUCTION

<u>ITEM</u>	<u>COST</u>	<u>OPERATION COST PER HOUR</u>
Tractor - 40 h.p. track	24,750	2.95
30 h.p. wheel	7,200	1.30
bush rake	750	.15
sprayer - 500 gallon	14,000	7.40
disc - 9'	1,900	.85
drag	120	.10
forklift	7,200	1.65
catching frames	24,000	3.60
pickup	4,500	
truck	7,000	
miscellaneous	3,200	
TOTAL INVESTMENT	\$94,620	
per acre on 60 acres	\$ 1,577	

AVERAGE YIELDS, PRICES, AND GROSS INCOME
For the Period 1961 through 1974*

<u>YEAR</u>	<u>PRUNES</u>	
	<u>Yield per acre TONS</u>	<u>Value per ton DOLLARS</u>
1961	1.3	340.00
1962	1.1	280.00
1963	1.2	277.00
1964	1.5	240.00
1965	1.6	235.00
5 YEAR AVERAGE	1.3	274.40
1966	1.4	295.00
1967	1.7	255.00
1968	1.9	275.00
1969	1.3	320.00
1970	1.9	305.00
5 YEAR AVERAGE	1.6	290.00
1971	1.3	308.00
1972	0.8	375.00
1973	1.7	455.00
1974	1.3	435.00
4 YEAR AVERAGE	1.3	393.25
14 YEAR AVERAGE	1.4	313.93

Calculated gross income per acre (average yield and average price) - 439.50

*Compiled from Agriculture Crop Reports, Solano County Department of Agriculture