

PU-SV-63-2 SAMPLE COSTS TO PRODUCE PRUNES - GLENN COUNTY 1963

Not Including Cost of Water

Yield - 2.5 dry tons

Per ton

Operation	Hours per acre	Cash and labor cost per acre			
		Labor	Fuel and repairs	Materials	Total
Cultural					
Prune, 75 trees	25.0	37.50	2.00		39.50
Remove brush	1.5	2.25	1.20		3.45
Plant cover crop	.2	.30	.30	Seed 2.25	2.85
Spray, 2 times				Materials 18.00	
				Application 16.00	34.00
Fertilize	.4	.60	.50	100 lbs. N @ \$.12 12.00	13.10
Disc, 4 times	2.0	3.50	3.40		6.70
Ridge, 2 times	.8	1.40	1.28		2.68
Irrigate, 4 times	4.0	6.00	1.50		7.50
Prop or wire	4.0	6.00	2.00		8.00
TOTAL CULTURAL COST		57.55	12.18	48.25	117.98
Harvest					
Float, 2 times	1.0	1.75	1.00		2.75
Shake, 14 bins				Contract 18.00	18.00
Pick up				14 bins @ \$7.50 105.00	105.00
Haul to dehydrator				6.7 tons @ \$4.50 30.15	30.15
Dehydrate				6.7 tons @ \$18.00 120.60	120.60
Haul to market				2.5 tons @ \$2.00 5.00	5.00
TOTAL HARVEST COST		1.75	1.00	278.75	281.50
Miscellaneous overhead					
Management, 10% of 2-1/2 tons x \$285.00				12.00	
TOTAL MISCELLANEOUS OVERHEAD				71.25	83.25
Annual cost					
<u>Investment</u>	<u>Per acre</u>	<u>Depreciation</u>	<u>Interest</u>	<u>Taxes and insurance</u>	
Land	\$ 800.00		\$48.00	\$10.00	
Trees, 35 years	845.00	\$24.14	25.35	12.68	
Irrigation system	150.00	7.50	4.50	2.25	
Buildings	125.00	6.25	3.75	1.88	
Tractor & equipment	342.00	23.00	10.28	5.13	
TOTAL INVESTMENT	\$2,262.00	\$60.89	\$91.78	\$31.94	184.61
TOTAL COST PER ACRE					667.34

112.57

Net Income Per Acre After Paying All Expenses Except Water at Various Yields and Prices.

Yield tons	Price per ton						
	\$255.00	\$270.00	\$285.00	\$300.00	\$315.00	\$330.00	\$345.00
1.5	-139.24	-118.99	-98.74	-78.49	-58.24	-40.24	-19.99
2.0	-80.79	-53.79	-26.79	.21	27.21	54.21	81.21
2.5	-22.34	-11.41	45.16	78.91	112.66	146.41	180.16
3.0	36.11	76.61	117.11	157.61	198.11	238.61	279.11
3.5	94.56	141.81	189.06	236.31	283.56	330.81	378.06
4.0	152.01	206.01	260.01	314.01	368.01	422.01	476.01

Net Income Per Acre-Foot of Water at 3.0 Feet Per Acre Silt Loam Soil

Yield tons	Price per ton						
	\$255.00	\$270.00	\$285.00	\$300.00	\$315.00	\$330.00	\$345.00
1.5	-46.41	-39.66	-32.91	-26.16	-19.41	-13.41	-6.66
2.0	-26.93	-17.93	-8.93	.07	9.07	18.07	27.07
2.5	-7.45	-3.80	15.05	26.30	37.55	48.80	60.05
3.0	12.04	25.54	39.03	52.54	66.04	79.54	93.04
3.5	31.52	47.27	63.02	78.77	94.52	110.27	126.02
4.0	50.67	68.67	86.67	104.67	122.67	140.67	158.67