

*Stanislaus Co.*

UNIVERSITY OF CALIFORNIA  
COOPERATIVE EXTENSION

SAMPLE COSTS TO PRODUCE APRICOTS  
in  
STANISLAUS AND SAN JOAQUIN COUNTIES  
1976

80-Acre Orchard

Yield 8 tons/acre gross  
7.6 tons/acre net

Skilled labor \$4.25/hr.  
Regular labor \$3.75/hr.

About this study

This study is the result of inputs by a number of people including growers and farm advisors. Also making contributions were equipment dealers, fuel companies and the various assessors' offices. Irrigation districts provided information on water costs. This study is a composite of many different inputs as reflected in part by different yields, size of operations, water and tax costs, soil conditions and management. Where possible, the most current cost figures have been used; however, such costs as thinning and harvest reflect those encountered during the 1975 crop year.

The cost data in this study are as representative as possible, but should be used only as a guide to determine costs for more specific orchard situations.

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Operation	Hrs. per Acre	Labor	Fuel and Repairs	Cash and Labor Costs per Acre	Materials	Cost	Total
<b>Preharvest Cultural Costs:</b>							
Prune: Contract		\$126.56					\$126.56
Remove large limbs	2.00	8.00	\$ 2.60				10.60
Rake brush	.40	1.70	1.04				2.74
Shred brush	1.50	6.38	5.61				11.99
Fertilizing (custom spread)				150 lbs. @ 40¢ + application			
				\$2.75/Acre		\$62.75	62.75
Spray 3x (custom)				Materials \$41, application			
				1050 gal. @ 3¢		72.50	72.50
Cultivate 9x	2.70	11.48	10.26				21.74
Furrow 3x	1.00	4.25	3.00				7.25
Irrigate 5x	5.00	18.75	3.50	Water, 4 ac. ft. @ \$7.25		29.00	51.25
Thin: Contract		60.00	2.60				62.60
Misc. orchard work	5.00	19.50	3.90	Materials		8.00	31.40
<b>TOTAL CULTURAL COSTS</b>		<b>\$256.62</b>	<b>\$32.51</b>			<b>\$172.25</b>	<b>\$461.38</b>
<b>Harvest Costs:</b>							
Pick, sort, roadside and supervision				\$40 per ton		\$304.00	\$304.00
<b>TOTAL HARVEST COSTS</b>						<b>\$304.00</b>	<b>\$304.00</b>
<b>TOTAL CULTURAL AND HARVEST COSTS</b>							<b>\$765.38</b>
<b>Overhead Costs:</b>							
Misc. office and business costs (6% of cultural and harvest costs)							\$ 45.92
Taxes: County \$70.50 + Irrigation District \$8							78.50
<b>TOTAL CASH OVERHEAD COSTS</b>							<b>\$124.42</b>
<b>TOTAL CASH COSTS</b>							<b>\$889.80</b>
Management Charge: 5% of 7.6 tons x \$157.50							\$ 59.85
<b>Investment per acre:</b>							
Land	\$1,800.00			<b>Annual Costs:</b>	<b>Depreciation</b>	<b>Interest 8%</b>	
Trees	2,400.00				\$ --	\$144.00	
Irrigation system	264.00				80.00	96.00	
Buildings	150.00				13.20	10.56	
Equipment	468.76				5.00	6.00	
<b>TOTAL</b>	<b>\$5,082.76</b>				<b>44.58</b>	<b>18.75</b>	
<b>TOTAL COST PER ACRE</b>					<b>\$142.78</b>	<b>\$275.31</b>	<b>\$ 418.09</b>
<b>TOTAL COST PER TON, 7.6 TON YIELD</b>							<b>\$1367.74</b>
							<b>\$ 179.97</b>

## APRICOT COSTS AT VARIOUS NET YIELDS

Net Yields	5.7 Tons	7.6 Tons	9.5 Tons	11.4 Tons
Cultural				
Acre	\$ 461.38	\$ 461.38	\$ 461.38	\$ 461.38
Ton	80.94	60.71	48.57	40.47
Harvest				
Acre	228.00	304.00	380.00	456.00
Ton	40.00	40.00	40.00	40.00
Total Cultural and Harvest				
Acre	689.38	765.38	841.38	917.38
Ton	120.94	100.71	88.57	80.47
Cash Overhead				
Miscellaneous				
Acre	41.36	45.92	50.48	55.04
Ton	7.26	6.04	5.31	4.83
Taxes				
Acre	78.50	78.50	78.50	78.50
Ton	13.77	10.33	8.26	6.89
Total Cash Overhead				
Acre	119.86	124.42	128.98	133.54
Ton	21.03	16.37	13.57	11.72
Total Cash Costs				
Acre	809.24	889.80	970.36	1050.92
Ton	141.97	117.08	102.14	92.19
Management Costs				
Acre	44.89	59.85	74.81	89.78
Ton	7.88	7.88	7.88	7.88
Depreciation Costs				
Acre	142.78	142.78	142.78	142.78
Ton	25.05	18.79	15.03	12.52
Interest Costs				
Acre	275.31	275.31	275.31	275.31
Ton	48.30	36.22	28.98	24.15
Total All Costs				
Acre	\$1272.22	\$1367.74	\$1463.26	\$1558.79
Ton	223.20	179.97	154.03	136.74

MONTHLY CASH FLOW FOR APRICOTS

Operation	Total	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.
<u>Preharvest</u>													
<u>Cultural Cost</u>													
Prune	\$126.56	\$63.28	\$ 63.28										
Remove large limbs	10.60		10.60										
Rake brush	2.74		2.74										
Shred brush	11.99		11.99										
Fertilize	62.75			\$ 62.75									
Spray	72.50			32.60	\$ 23.90			\$ 16.00					
Cultivate	21.74						\$ 3.95	1.98	\$ 1.98	\$ 9.88		\$ 3.95	
Furrow	7.25						2.42		2.41		\$ 2.42		
Irrigate	51.25						10.25	10.25	10.25		10.25	10.25	
Thin	62.60						62.60						
Misc. Orch. Work	31.40	2.62	2.62	2.62	2.62	\$ 2.62	2.62	2.62	2.62	2.61	2.61	2.61	\$ 2.61
TOTAL PREHARVEST CULTURAL COSTS	\$461.38	\$65.90	\$ 91.23	\$ 97.97	\$ 26.52	\$ 2.62	\$ 81.84	\$ 30.85	\$ 17.26	\$ 12.49	\$ 15.28	\$ 16.81	\$ 2.61
<u>Harvest Costs</u>													
Harvesting and Roadsiding	\$304.00								\$101.33	\$202.67			
<u>Cash Overhead</u>													
Misc. Office etc.	\$ 45.92	\$ 3.83	\$ 3.83	\$ 3.83	\$ 3.83	\$ 3.83	\$ 3.83	\$ 3.83	\$ 3.83	\$ 3.82	\$ 3.82	\$ 3.82	\$ 3.82
Taxes													
County	70.50		35.25				35.25						
Irr. Dist.	8.00		4.00				4.00						
Total Cash Overhead	\$124.42	\$ 3.83	\$ 43.08	\$ 3.83	\$ 3.83	\$ 3.83	\$ 43.08	\$ 3.83	\$ 3.83	\$ 3.82	\$ 3.82	\$ 3.82	\$ 3.82
TOTAL CASH COSTS	\$889.80	\$69.73	\$134.31	\$101.80	\$ 30.35	\$ 6.45	\$124.92	\$ 34.68	\$122.42	\$218.98	\$ 19.10	\$ 20.63	\$ 6.43
TOTAL ACCUMULATED CASH COSTS		\$69.73	\$204.04	\$305.84	\$336.19	\$342.64	\$467.56	\$502.24	\$624.66	\$843.64	\$862.74	\$883.37	\$889.80

INVESTMENT FOR APRICOT PRODUCTION - 80 ACRES

Item	Cost		Life	Depreci- ation Per Year	Interest (8%)	Cash Costs per Hour		
	Total	Per Acre				Fuel	Repairs	Total
Land	\$144,000	\$1,800.00	--	--	\$144.00			
Trees	192,000	2,400.00	30	\$ 80.00	96.00			
Irrigation System	21,120	264.00	20	13.20	10.56			
Buildings	12,000	150.00	30	5.00	6.00			
Equipment								
Pruning	500	6.25	5	1.25	.25			
60 HP Diesel Wheel Tractor	14,000	175.00	12	14.58	7.00	\$1.20	\$1.40	\$2.60
12' Disc	2,400	30.00	10	3.00	1.20		1.10	1.10
20' Springtooth	2,600	32.50	10	3.25	1.30		1.20	1.20
18' Furrower	800	10.00	10	1.00	.40		.40	.40
7½' Shredder	1,450	18.13	10	1.81	.72		1.14	1.14
8' Chisel, used	1,200	15.00	10	1.50	.60		.90	.90
18' Brush Rake	750	9.38	10	.94	.38		.65	.65
80 Ladders @ \$35	2,800	35.00	10	3.50	1.40		.35	.35
Miscellaneous Equipment	5,000	62.50	10	6.25	2.50			
Pickup Truck	6,000	75.00	10	7.50	3.00			
<b>TOTAL</b>	<b>\$406,620</b>	<b>\$5,082.76</b>		<b>\$142.78</b>	<b>\$275.31</b>			

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