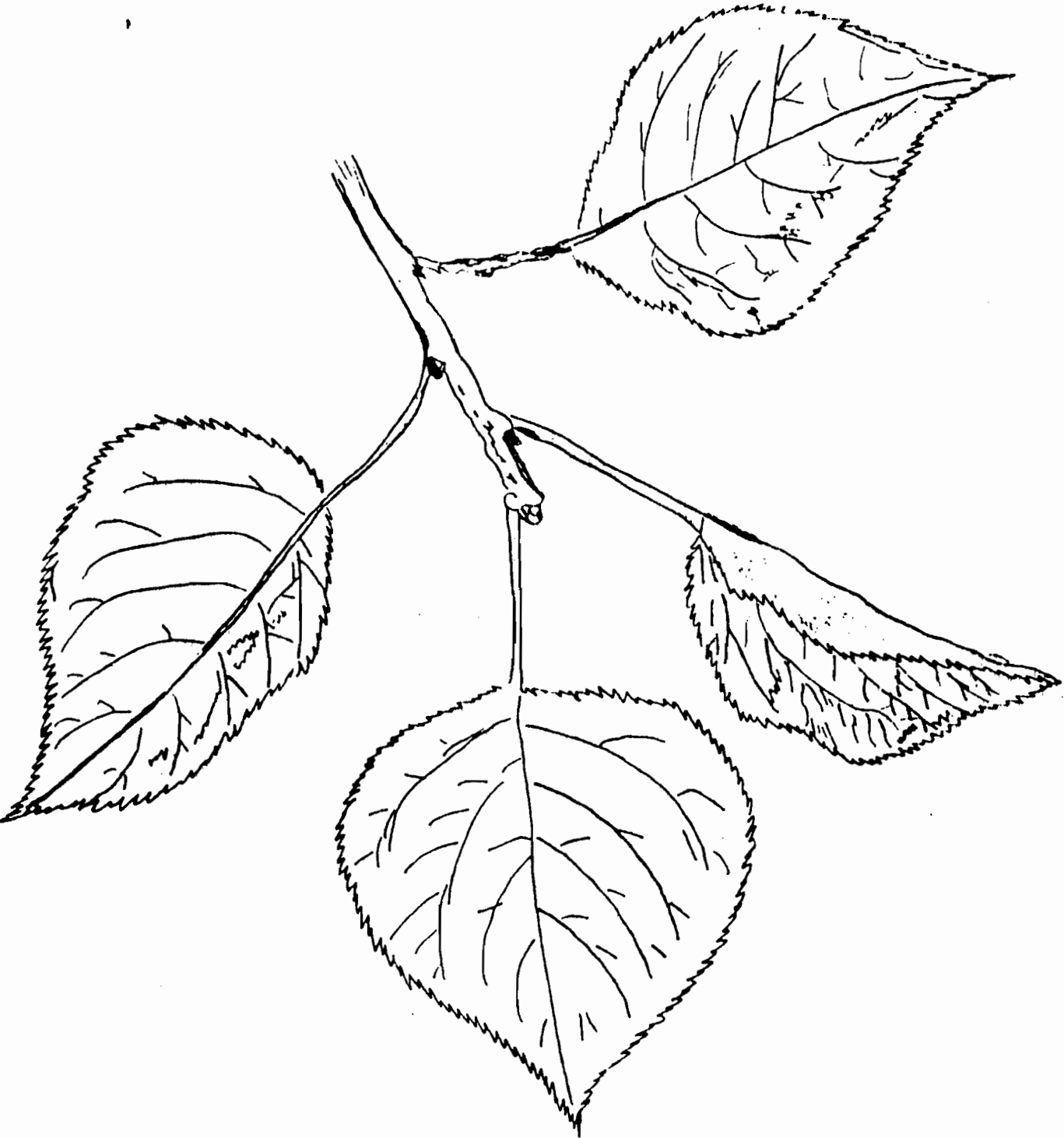


APRICOT PRODUCTION COSTS  
in MERCED COUNTY - 1985



## Sample Costs to Establish an Apricot Orchard in the Northern San Joaquin Valley-1984

Based on a planting of 80 acres at 75 trees per acre. Labor costs to the grower are \$6.75 per hour for equipment operator and \$5.40 per hour for field labor. Wheel diesel tractor per hour cash costs \$8.10, depreciation \$1.86, and interest \$1.20. Crawler diesel \$14.80, \$5.80 and \$3.80.

	Costs Per Acre			
	1st Year	2nd Year	3rd Year	4th Year
<b>YIELD: Tons per acre</b>	0	0	0	3
<b>Pre-Harvest Cash Costs:</b>				
Sub-soil contract	\$ 70.00			
Pre-plant tillage: 2½ hrs. crawler tractor	53.88			
Mark, stake, plant, prune trees contract \$1.	75.00			
Trees: 75 @ \$5.15	386.25			
Replant 2nd year, 2 trees @ \$7.15		\$ 14.30		
Prune & train, starting 2nd year		20.25	\$ 50.62	\$ 67.50
Furrow 4X, 2 hrs. labor & wheel tractor	29.70	29.70	29.70	29.70
Irrigate 6X, labor	27.00	27.00	27.00	27.00
water 4 ac. ft. @ \$7.25	29.00	29.00	29.00	29.00
Fertilizer & application	22.00	31.00	34.00	41.00
Spray program: materials & application	38.00	48.00	57.00	76.00
Disc 6X, 4 hrs. labor & wheel tractor	59.40	59.40	59.40	59.40
2 hrs. labor	10.80	10.80	10.80	10.80
Taxes	45.00	45.00	45.00	45.00
Misc. labor & material	15.00	15.00	20.00	20.00
Repairs, except tractors	20.00	20.00	24.00	25.00
Interest on operating capital, 13%	57.27	22.71	25.12	38.96
Office & business costs, 4% cash costs	37.53	14.89	16.46	25.53
<b>TOTAL PRE-HARVEST CASH COSTS</b>	<b>\$ 975.83</b>	<b>\$ 387.05</b>	<b>\$ 428.10</b>	<b>\$ 494.89</b>
<b>Harvesting Costs:</b>				
Pick and roadside contract \$75/ton				\$ 225.00
<b>TOTAL HARVESTING COSTS</b>				<b>\$ 225.00</b>
<b>TOTAL CASH COSTS</b>				<b>\$ 719.89</b>
<b>Depreciation:</b>				
Irrigation system, \$280, 20 years	\$ 14.00	\$ 14.00	\$ 14.00	\$ 14.00
Buildings, \$250, 25 years	10.00	10.00	10.00	10.00
Equipment, except tractors, \$558, 10 years	55.80	55.80	55.80	55.80
Tractors	25.66	11.16	11.16	11.16
<b>TOTAL DEPRECIATION</b>	<b>\$ 105.46</b>	<b>\$ 90.96</b>	<b>\$ 90.96</b>	<b>\$ 90.96</b>
<b>Interest on Investment at 12%:</b>				
Irrigation system, ½ cost \$140	\$ 16.80	\$ 16.80	\$ 16.80	\$ 16.80
Buildings, ½ cost \$125	15.00	15.00	15.00	15.00
Equipment, except tractors, ½ cost \$279	33.48	33.48	33.48	33.48
Tractors	16.70	7.20	7.20	7.20
Land: \$5000	600.00	600.00	600.00	600.00
Interest on accumulated costs		211.59	375.04	563.03
<b>TOTAL INTEREST ON INVESTMENT</b>	<b>\$ 681.98</b>	<b>\$ 884.07</b>	<b>\$1047.52</b>	<b>\$1235.51</b>
<b>TOTAL COST FOR THE YEAR</b>	<b>\$1763.27</b>	<b>\$1362.08</b>	<b>\$1566.58</b>	<b>\$2046.36</b>
<b>CREDIT FOR FRUIT AT \$270/TON</b>				<b>\$ 810.00</b>
<b>NET COST FOR THE YEAR</b>	<b>\$1763.27</b>	<b>\$1362.08</b>	<b>\$1566.58</b>	<b>\$1236.36</b>
<b>TOTAL ACCUMULATED COST</b>	<b>\$1763.27</b>	<b>\$3125.35</b>	<b>\$4691.93</b>	<b>\$5928.29</b>

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**Sample Costs to Produce Apricots in the Northern San Joaquin Valley - 1985**

80 acre orchard, 75 trees per acre

Skilled labor total cost \$6.75 per hour.

Yield: 9 tons per acre gross 8.6 tons per acre net.

Field labor total cost \$5.40 per hour.

Operation	Hours per acre	Labor	Fuel & repairs	Materials and services	Cost	Total per acre	Your Costs
<b>Pre-Harvest Costs:</b>							
Prune: \$1.80 per tree		\$135.00				\$135.00	
Remove large limbs	\$ 4.00	22.95	\$ 8.10			31.05	
Rake brush	.40	2.70	3.74			6.44	
Shred brush	1.50	10.12	16.00			26.12	
Fertilize: custom applic.				125 lbs. @ 25¢, applic. \$12.	\$ 43.25	43.25	
Spray 5X				Materials \$125, applic. 1250 gal. @ 3¢	162.50	162.50	
Cultivate 9X	3.00	20.25	27.60			47.85	
Furrow 4X	1.00	6.75	9.90			16.65	
Irrigate 5X	5.00	27.00	5.00	Water: 4 ac. ft. @ \$7.25	29.00	61.00	
Thin	12.00	64.80	2.00			66.80	
Misc. orchard work	7.00	37.80		Material	10.00	47.80	
Interest on operating capital 13%					58.33	58.33	
<b>TOTAL PRE-HARVEST COSTS</b>		<b>\$327.37</b>	<b>\$72.34</b>		<b>\$303.08</b>	<b>\$702.79</b>	
<b>Harvest Costs:</b>							
Pick, sort, roadside & supervision				\$67. per ton	\$576.20		
<b>TOTAL HARVESTING COSTS</b>					<b>\$576.20</b>	<b>\$576.20</b>	
<b>TOTAL CULTURAL &amp; HARVEST COSTS</b>						<b>\$1278.99</b>	
<b>Overhead Costs:</b>							
Misc. office & business costs, 4% of cultural and harvest costs						\$ 48.83	
Taxes: county \$52.00, district \$8.00						60.00	
<b>TOTAL CASH OVERHEAD COSTS</b>						<b>\$108.83</b>	
<b>TOTAL CASH COSTS</b>						<b>\$1387.82</b>	
<b>Investment per Acre</b>							
Land	\$5000				\$ 600.00		
Trees	5928		\$197.60		355.68		
Irrig. system	280		14.00		16.80		
Buildings	250		10.00		15.00		
Equipment	558		55.80		33.48		
Tractor	183		18.30		10.98		
<b>TOTAL</b>			<b>\$295.70</b>		<b>\$1031.94</b>		<b>\$1327.64</b>
<b>TOTAL COSTS PER ACRE</b>							<b>\$2715.46</b>
<b>TOTAL COST PER TON @ 8.6 TON YIELD</b>						<b>\$315.75</b>	

Sample Costs to Produce Apricots-Northern San Joaquin Valley - 1985  
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Sample Costs at Varying Yields

<u>YIELD: Net tons per acre</u>	<u>5.7</u>	<u>7.6</u>	<u>9.5</u>	<u>11.4</u>
<u>Cash costs per ton</u>	<u>\$209.39</u>	<u>\$173.79</u>	<u>\$152.43</u>	<u>\$138.19</u>
<u>Total costs per ton</u>	<u>\$442.31</u>	<u>\$348.48</u>	<u>\$292.19</u>	<u>\$254.65</u>

Monthly Cash Flow for Apricot Production - 1985 - Per Acre

8.6 Tons Per Acre Yield

Operation	Total	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.
<u>Preharvest and Interest on Operating Capital</u>													
Prune	\$ 135.00	67.50	67.50										
Remove limbs	31.05		31.05										
Rake brush	6.44		6.44										
Shred brush	26.12		26.12										
Fertilize	43.25			43.25									
Spray	162.50			73.12	56.88			32.50					
Cultivate	47.85						10.63	5.31	5.31	15.97		10.63	
Furrow	16.65						4.16		4.16	4.17	4.16		
Irrigate	61.00						12.20	12.20	12.20	12.20		12.20	
Thin	66.80						66.80						
Misc. orchard work	47.80	3.98	3.98	3.98	3.98	3.98	3.98	3.98	3.99	3.99	3.99	3.99	3.98
Interest on Operating capital	58.33												58.33
<b>TOTALS</b>	<b>\$ 702.79</b>	<b>71.48</b>	<b>135.09</b>	<b>120.35</b>	<b>60.86</b>	<b>3.98</b>	<b>97.77</b>	<b>53.99</b>	<b>25.66</b>	<b>36.33</b>	<b>8.15</b>	<b>26.82</b>	<b>62.31</b>
<u>Harvesting Costs</u>													
Harvest and roadside	\$ 576.20								192.07	384.13			
<u>Cash Overhead</u>													
Misc. office and business costs	\$ 48.83	4.07	4.07	4.07	4.07	4.07	4.07	4.07	4.07	4.07	4.07	4.07	4.06
Taxes	60.00		30.00				30.00						
<b>TOTAL CASH OVERHEAD</b>	<b>\$ 108.83</b>	<b>4.07</b>	<b>34.07</b>	<b>4.07</b>	<b>4.07</b>	<b>4.07</b>	<b>34.07</b>	<b>4.07</b>	<b>4.07</b>	<b>4.07</b>	<b>4.07</b>	<b>4.07</b>	<b>4.06</b>
<b>TOTAL CASH COSTS</b>	<b>\$1387.82</b>	<b>75.55</b>	<b>169.16</b>	<b>124.42</b>	<b>64.93</b>	<b>8.05</b>	<b>131.84</b>	<b>58.06</b>	<b>221.80</b>	<b>424.53</b>	<b>12.22</b>	<b>30.89</b>	<b>66.37</b>

## Investment for Apricot Production

Northern San Joaquin Valley - 1985

<u>Cultural Equipment for 80 acres</u>	<u>Cost</u>	<u>Years life</u>
12' disc	\$ 6,000	10
18' springtooth	3,000	10
18' furrower	2,100	10
9' shredder	4,500	10
8' chisel (used)	3,000	10
18' brush rake (home made)	750	10
12' ring roller	3,500	10
50 ladders at \$75	3,750	10
Misc. equipment & shop tools	10,000	10
Pickup truck	<u>8,000</u>	10
Total	\$ 44,600	
Tractors: Total use = 1200 hours per year		
60 hp wheel diesel	\$ 22,000	10
80 hp crawler	70,000	10
Land	\$400,000	
Trees	\$474,263	30
Buildings	\$ 12,000	25
Irrigation system	\$ 22,400	20