

DIXIRED PEACHES FOR FRESH SHIPMENT

(Matures in early June)

Cost Analysis Work Sheet

Sample costs to produce Dixired peaches in Fresno County for fresh shipment. Costs are for a mature orchard containing 108 trees per planted acre, producing 6 tons of fruit. Man labor \$1.25 total per hour and tractor operator \$1.40.

	<u>Sample Costs</u>		<u>My Costs</u>	
	<u>Per Acre</u>	<u>Per Ton</u>	<u>Per Acre</u>	<u>Per Ton</u>
PRE-HARVEST CASH COSTS				
Pruning - 108 trees at 80¢	\$86.40			
Brush disposal contract \$4.00 per acre plus 2 man hrs. raking brush	4.00			
Fertilize - 80 lbs. N. at 15¢ ½ hr. man & tractor	12.00			
Spray 2 times - materials application @ 2¢/gal.	29.00			
Furrow 3 times - 1½ hrs. man & tractor	3.60			
Irrigate 7 times - labor 13 hrs. 3½ A. Ft. of water	16.25			
Disc 5 times - 7½ hrs. man & tractor	18.00			
Thin - 108 trees @ \$1.00	108.00			
Prop & tie - 4 hrs. labor materials	5.00			
Plant cover crop - 60 lbs. barley ½ hr. man & tractor	2.10			
Taxes	16.50			
Misc. labor, materials, field power inc. 4 man hrs. & 1 tractor hr.	8.10			
Repairs to equipment except tractor	1.60			
Office, car, operating capital, insurance, etc.	17.50			
Total Pre-Harvest Cash Costs	366.40	61.07		
HARVESTING COSTS				
Pick 6 tons @ \$22.50	135.00			
Roadside - 9 man hrs. & 4 tractor hrs.	15.85			
Misc. - 2 man hrs. & 1 tractor hr.	3.65			
Total Harvesting Costs	154.50	25.75		
TOTAL CASH AND LABOR COSTS	520.90	86.82		
DEPRECIATION				
Irrigation system cost \$90 - 20 yr. life	4.50			
Tractor - 16 hrs. @ 41¢	6.56			
Equipment except tractor \$40 cost - 10 yr. life	4.00			
Buildings for equipment \$20 cost - 20 yr. life	1.00			
Trees cost \$714 - 20 yr. life	35.70			
Total Depreciation	51.76	8.63		
INTEREST ON INVESTMENT @ 6%				
Land - \$800	48.00			
Irrigation system ½ cost \$45	2.70			
Tractor - 16 hrs. at 19¢	3.04			
Equipment except tractor ½ cost \$20	1.20			
Buildings for equipment ½ cost \$10	.60			
Trees ½ cost \$357	21.42			
Total Interest on Investment	76.96	12.82		
TOTAL COST OF PRODUCTION	649.62	108.27		
400 lbs. culls per ton (20%)	no value			
Net cost of 1600 lbs. merchantable fruit	108.27			
Net cost of 22 lbs. (1 lug) of merchantable fruit	1.49			
Net <u>Cash Cost only</u> of 1 lug	1.19			

Calif. Univ. Agric. Ext. Serv. Fresno county Publications
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Cost Analysis Work Sheet

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This work sheet was developed to show sample costs for a good yield, mature orchard under Fresno County conditions, These costs will be useful as a guide when a specific orchard planting is under consideration.

When using this work sheet it is important to consider the following:

1. Seasonal variations influence fruit set and quality. Consequently differences in thinning, pest control and cullage will occur.
2. These sample costs are based on 10 acre fruit operation and larger.
3. No account is taken for partial or complete crop loss due to frost, rain, labor problems, etc.
4. No allowance is made for cost of management.
5. Interest and depreciation costs are based on the present costs of establishing an orchard. Present bearing orchards may have been established at a lower cost.
6. Costs per two-layer lug are based on an average net weight of 22 pounds. Net weights may vary depending on count and maturity. Fruit packed in the California peach box would average about 18 pounds per unit.

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Sample Costs at Varying Yields

Tons Per Acre	4	5	6	7	8	9	10
Total Costs of Production Per Ton	\$149.53	124.77	108.27	96.48	87.64	80.76	75.26
Total Cost 22 lbs. Merchantable Fruit	2.06	1.72	1.49	1.33	1.21	1.11	1.03
Cash Costs only - 22 lbs. (1 lug)	1.61	1.36	1.19	1.07	.98	.91	.86
Packed Lugs Per Acre	291	363	436	509	581	654	727

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