

SPRINGTIME PEACHES FOR FRESH SHIPMENT
(MATURES IN EARLY MAY)
COST ANALYSIS WORK SHEET

SAMPLE COSTS TO PRODUCE SPRINGTIME PEACHES IN KERN COUNTY FOR FRESH SHIPMENT. COSTS ARE FOR A MATURE ORCHARD CONTAINING 108 TREES PER PLANTED ACRE, PRODUCING 5 TONS OF FRUIT WITH 20% DISCARDED AS CULLS. MAN LABOR AT \$1.05 PER HOUR TOTAL AND EQUIPMENT OPERATOR \$1.30. MEDIUM WHEEL TRACTOR PER HOUR CASH COSTS \$1.15, DEPRECIATION 65¢ AND INTEREST 25¢.

	SAMPLE COSTS		MY COSTS	
	PER ACRE	PER TON	PER ACRE	PER TON
PRE-HARVEST CASH COSTS:				
PRUNING: 108 TREES @ 80¢	86.40			
BRUSH DISPOSAL: CONTRACT \$4.00 PER ACRE	4.00			
2 MAN HRS. RAKING BRUSH	2.10			
FERTILIZE: 80 LBS. N AT 13¢	10.40			
1/2 HR. MAN AND TRACTOR FOR APPLICATION	1.23			
SPRAY 3 TIMES: MATERIALS	38.00			
APPLICATION AT 2¢ PER GALLON	30.00			
FURROW 3 TIMES: 1-1/2 HRS. MAN AND TRACTOR	3.68			
IRRIGATE 7 TIMES: LABOR 13 HRS.	13.65			
4-1/2 AC. FT. WATER: POWER COST				
\$12 PER ACRE FOOT	54.00			
DISC 5 TIMES: 7-1/2 HRS. MAN AND TRACTOR	18.38			
THIN: 108 TREES @ \$1.50	162.00			
TAXES	15.50			
MISC. LABOR, MATERIALS, FIELD POWER INCLUDING				
4 MAN HRS. AND 1 TRACTOR HR.	7.85			
REPAIRS TO EQUIPMENT EXCEPT TRACTOR	2.60			
SUPERVISION BY FOREMAN	11.00			
OFFICE, CAR, OPERATING CAPITAL, INSURANCE, ETC.	27.50			
TOTAL PRE-HARVEST CASH COSTS	488.29	97.66		
HARVESTING COSTS:				
PICK 5 TONS OF FRUIT AT \$26	130.00			
ROADSIDE: 10 MAN HRS. & 4 TRACTOR HRS.	16.10			
MISC.: 3 MAN HRS. & 2 TRACTOR HRS.	5.95			
TOTAL HARVESTING COSTS	152.05	30.41		
TOTAL CASH COSTS	640.34	128.07		
DEPRECIATION:				
IRRIGATION SYSTEM: COST \$350 - 17 YR. LIFE	20.59			
TRACTOR: 16-1/2 HRS. AT 65¢	10.73			
EQUIPMENT EXCEPT TRACTOR - \$46 COST - 10 YR. LIFE	4.60			
BUILDINGS FOR EQUIPMENT - \$30 COST - 20 YR. LIFE	1.50			
TREES: COST \$1080 - 15 YR. LIFE	72.00			
TOTAL DEPRECIATION	109.42	21.88		
INTEREST ON INVESTMENT AT 6%:				
IRRIGATION SYSTEM: 1/2 COST \$175	10.50			
TRACTOR: 16-1/2 HRS. AT 25¢	4.13			
EQUIPMENT EXCEPT TRACTOR: 1/2 COST \$23	1.38			
BUILDINGS FOR EQUIPMENT: 1/2 COST \$15	.90			
TREES: 1/2 COST \$540	32.40			
LAND: \$900	54.00			
TOTAL INTEREST ON INVESTMENT	103.31	20.66		
TOTAL COST OF PRODUCTION	853.07	170.61		

400 LBS. CULLS PER TON (20%)
 NET COST OF 1600 LBS. MERCHANTABLE FRUIT
 NET COST OF 22 LBS. (1 LUG) OF MERCHANTABLE FRUIT
NET CASH COSTS ONLY OF 1 LUG

NO VALUE
 \$170.61
 2.34
 1.76

SAMPLE COSTS AT VARYING YIELDS

TONS PER ACRE	AVERAGE			
	3	4	5	6
TOTAL COST OF PRODUCTION PER TON	264.08	205.67	170.61	147.25
TOTAL COST 22 LBS. MERCHANTABLE FRUIT	3.63	2.83	2.34	2.02
CASH COSTS ONLY - 1 LUG	2.66	2.10	1.76	1.54
PACKED LUGS PER ACRE	218	291	363	436

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