

NECTARINES
(MATURE IN EARLY JUNE)
COST ANALYSIS WORK SHEET

SAMPLE COSTS TO PRODUCE NECTARINES IN KERN COUNTY FOR FRESH MARKET SHIPMENT. COSTS ARE FOR A MATURE ORCHARD CONTAINING 108 TREES PER PLANTED ACRE, PRODUCING 7 TONS OF FRUIT WITH 10% 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 @ 75¢	81.00			
BRUSH DISPOSAL: CONTRACT \$4.00 PER ACRE	4.00			
3 MAN HRS. RAKING BRUSH	3.15			
FERTILIZE: 108 LBS. N AT 13¢	14.04			
APPLICATION: 1/2 HR. MAN & TRACTOR	1.23			
SPRAY 6 TIMES: MATERIALS	48.64			
APPLICATION @ 2¢ GALLON (3300 GAL.)	66.00			
FURROW 3 TIMES: 1-1/2 HRS. MAN & TRACTOR	3.68			
IRRIGATE 7 TIMES: LABOR 13 HRS.	13.65			
4-1/2 AC. FT. WATER: POWER				
\$12.00 PER AC. FT.	54.00			
DISC 5 TIMES: 7-1/2 HRS. MAN & TRACTOR	18.38			
THIN: 108 TREES AT \$1.50	162.00			
TIE: 2 HRS. LABOR	2.10			
MATERIALS	2.00			
TAXES	15.50			
MISC. LABOR, FIELD POWER, MATERIALS, INCLUDING				
4 MAN HRS. & 1 TRACTOR HR.	7.85			
REPAIRS TO EQUIPMENT EXCEPT TRACTOR	2.60			
SUPERVISION BY FOREMAN	11.00			
OFFICE, CAR, OPERATING CAPITAL, INSURANCE, ETC.	30.00			
TOTAL PRE-HARVEST CASH COSTS	540.82	77.26		
HARVESTING COSTS:				
PICK 7 TONS OF FRUIT AT \$26	182.00			
ROADSIDE: 13 MAN HRS. & 6 TRACTOR HRS.	22.05			
MISC.: 3 MAN HRS. & 2 TRACTOR HRS.	5.95			
TOTAL HARVESTING COSTS	210.00	30.00		
TOTAL CASH COSTS	750.82	107.26		
DEPRECIATION:				
IRRIGATION SYSTEM: COST \$350, 17 YR. LIFE	20.59			
TRACTOR: 18-1/2 HRS. @ 65¢	12.03			
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	110.72	15.82		
INTEREST ON INVESTMENT AT 6%:				
IRRIGATION SYSTEM: 1/2 COST \$1.75	10.50			
TRACTORS: 18-1/2 HRS. AT 25¢	4.63			
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	103.81	14.83		
TOTAL COST OF PRODUCTION	965.35	137.91		

200 LBS. CULLS PER TON (10%)
 NET COST OF 1800 LBS. MERCHANTABLE FRUIT
 NET COST OF 24 LBS. MERCHANTABLE FRUIT
CASH COSTS ONLY OF ONE 24 LB. LUG

NO VALUE
 137.91
 1.84
 1.43

SAMPLE COSTS AT VARYING YIELDS

YIELD, TONS PER ACRE	AVERAGE				
	4	5	6	7	8
TOTAL COST OF PRODUCTION PER TON	218.84	181.07	155.89	137.91	124.42
TOTAL COST 24 LBS. MERCHANTABLE FRUIT	2.92	2.41	2.13	1.84	1.66
CASH COSTS ONLY - ONE LUG	2.20	1.84	1.60	1.43	1.30
PACKED LUGS PER ACRE	267	333	400	466	533

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