

COST ANALYSIS WORK SHEET
 SAMPLE COSTS TO PRODUCE WATERMELONS IN TULARE COUNTY - 1975

Based on a yield of 12 tons per acre

	SAMPLE COSTS		YOUR COSTS	
	Per Acre	Per Ton	Per Acre	Per Ton
PRE-HARVEST CASH COSTS:				
Land Prep: man & tracklayer tractor 4 hrs	\$ 36.20			
Plant: machine - 3 men, wheel tractor ½ hr	2.60			
Seed: 3 lb @ \$5.00	15.00			
Hoe, thin, weed, replant - 8 man hrs	24.00			
Cultivate: 4 times, wheel tractor, total 3 hrs	15.60			
Fertilizer: 500 lb @ \$100/Ton	25.00			
Application: man & wheel tractor ½ hr	2.60			
Ditch for irrigation: man & tracklayer 1/3 hr	3.02			
Irrigate: 18 times, total 14 hrs	42.00			
Water: 2½ acre ft @ \$10, district tax \$6	31.00			
Turn runners: 3 times, total 9 hrs	27.00			
Insecticide: \$25/Acre	25.00			
Application: 2 times ground, hand @ 3.75				
2 times plane @ \$3.00	13.50			
Culling out crooked melons: 3 men hrs	9.00			
Misc: 2 men hrs, 1 wheel tractor hr, materials	10.00			
County Taxes on equipment except tractor	2.50			
Repair to equipment except tractor	16.00			
Rent: \$80	80.00			
Office, car, operating capital, insurance, etc.	37.93			
TOTAL PRE-HARVEST CASH COSTS	\$417.95	\$34.83		
HARVEST COSTS:				
Pick, haul out, load truck: contract \$20/Ton	240.00			
Misc: straw, etc., + equip used @ \$1/Ton	12.00			
TOTAL HARVESTING COSTS	\$252.00	\$21.00		
TOTAL CASH AND LABOR COSTS	\$669.95	\$55.83		
Depreciation Costs:				
60 hp tracklayer 4 1/3 hrs @ \$3.07	13.29			
30 hp wheel tractor 5 hrs @ 1.20	6.00			
Irrigation equip: tenant's @ \$30 -- 10 yrs life	3.00			
Equipment: \$40 cost 10 yrs life	4.00			
TOTAL DEPRECIATION	\$ 26.29	\$ 2.19		
TOTAL CASH, LABOR AND DEPRECIATION COSTS	\$696.24	\$58.02		
Interest on Investment @ 8 %:				
60 hp tracklayer: 4 1/3 hrs @ \$2.31	10.00			
30 hp wheel tractor: 5 hrs @ \$.60	3.00			
Irrigation equip: on ½ cost (\$15)	1.20			
Equipment: on ½ cost (\$20)	1.60			
TOTAL INTEREST ON INVESTMENT	\$ 15.80	\$ 1.32		
TOTAL COST OF PRODUCTION	\$712.04	\$59.34		

Man labor at \$3.00 per hour total and equipment operator \$3.90. 60 hp crawler tracklayer per hour cash costs \$5.15, depreciation \$3.07, and interest \$2.31. 30 hp wheel tractor diesel \$1.30, \$1.20 and \$0.60.

Vincent H. Schweers
 Tulare County Farm Advisor

Edward A. Yeary
 Farm Advisor - Statewide