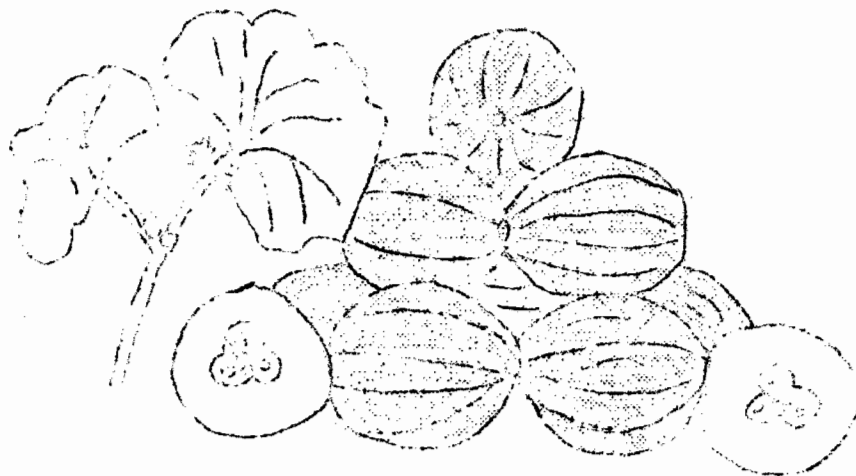


SAMPLE COSTS OF PRODUCING



CANTALOUPE

University of California Agricultural Extension Service
Merced County

April 1969

Cantaloupes - On Rented Land

Cost Analysis Work Sheet - 1968-1969

This is a composite sample cost of several counties, from Fresno County south to Kern County. The costs, however, should be comparable to those of Merced County. Some of the operations listed may not be applicable to your farming operation.

Based on a yield of 200 packed crates per acre. Man labor at \$1.90 per hour total and equipment operator \$2.10 including Social Security and Workman's Compensation Insurance. Tractors and cash operating costs per hour are: 80 h.p. tracklayer \$3.20, 80 h.p. wheel diesel \$2.95 and 50 h.p. wheel diesel \$1.40.

	Sample Costs		My Costs	
	Per Acre	Per Crate	Per Acre	Per Crate
Pre-Harvest Cash Costs				
Subsoil: 1/2 hr. 80 h.p. Crawler	2.65			
Plow or disc: 2X over; 1 hr. 80 h.p. Crawler	5.30			
Landplane or float 2X: 1/2 hr. 80 h.p. Crawler	2.65			
Bed prep. & fertilize: 1/3 hr. 80 h.p. wheel tractor	1.68			
250 lbs. 8-24-0 @ 4-3/4¢ lb.	11.88			
Pre-irrigate: water 8" @ \$12.00 ac. ft. includes \$2.00 ac. ft. for booster pump	8.00			
Labor: set up & move sprinklers	2.38			
Seed bed prep.: 1/4 hr. 80 h.p. wheel tractor	1.25			
Plant: 2 hr. 2 men, & 80 h.p. wheel tractor	1.39			
Seed: 3 lbs. @ \$1.50	4.50			
Fertilize & cultivate: 2 hr. 80 h.p. wheel tractor	1.01			
150 lbs. NH ₃ @ 4¢	6.00			
Irrigate: water 6" @ \$12.00 ac. ft. includes \$2.00 ac. ft. for booster	6.00			
Labor	1.75			
Thin & weed: 9 hrs. labor	17.10			
Cultivate: 2 hr. 80 h.p. wheel tractor	1.01			
Irrigate: water 3" @ \$12.00 ac. ft. incl. booster	3.00			
Labor	1.75			
Furrow & bed up: 2 hr. 80 h.p. wheel tractor	1.01			
Irrigate 3X: furrow; total 9" water @ \$10.00 ac. ft.	7.50			
Labor: 4.5 hrs. @ \$1.90	8.55			
Pest control: materials	10.00			
application	4.00			
Bees: 1 hive	5.50			
Misc. 2 man hrs. 1/2 50 h.p. wheel tractor hr. & materials	5.80			
Repairs, except tractors	8.00			
Office, car, operating capital, business exp.	18.00			
Rent: \$60.00	60.00			
Supervision	10.00			
Total Pre-harvest Cash Costs	217.67	1.09		
Harvesting Costs				
Pick: 200 crates (packed basis) 60¢	120.00			
Haul to shed, 200 crates (packed basis) 20¢	40.00			
Total Harvesting Costs	160.00	.80		
Total Cash Costs	377.67	1.89		

Cantaloupes On Rented Land - Cont'd

Depreciation			
80 h.p. tracklayer: 2 hrs. @ 1.80	3.60		
80 h.p. wheel tractor: 1.4 hrs. @ 1.66	2.33		
50 h.p. wheel tractor: 1 hr. @ 74¢	.74		
Other equipment; including share of portable irrigation equipment: \$90.00 cost, 10-yr. life	9.00		
Total Depreciation	15.67	.08	
Interest on investment @ 7%			
80 h.p. tracklayer: 2 hrs. @ 72¢	1.44		
80 h.p. wheel tractor: 1.4 hrs. @ 66¢	.95		
50 h.p. wheel tractor: 1 hr. @ 30¢	.30		
Other equipment; including share of portable irrigation equipment: 1/2 cost \$45.00	3.15		
Total Interest on Investment	5.84	.03	
Total Cost of Production: To Shed	399.18	2.00	
Packing Costs			
Labor		.64	
Boxes & Labels		.94	
Supplies, repairs, administrative costs		.39	
Total Packing Costs		1.97	
Total F.O.B. Costs, excluding commission		3.97	

Sample Costs Of Production At Varying Yields

Yield: Packed Crates Per Acre	150	200	250	300	350
Cash Cost per crate: delivered to Shed	\$2.25	\$1.89	\$1.67	\$1.52	\$1.42
Total Cost per crate: delivered to Shed	2.39	2.00	1.76	1.60	1.48
Total F.O.B. Cost per crate	4.36	3.97	3.73	3.57	3.45

Sample Costs Per Crate At Indicated Yields With Varying Water Costs

Yield: Packed Crates Per Acre	Total F.O.B. costs per crate at the indicated yields and water costs per acre foot					
	\$1.00	\$3.00	\$6.00	\$12.00	\$15.00	\$18.00
150	\$4.23	\$4.26	\$4.31	\$ 4.39	\$ 4.44	\$ 4.48
200	3.87	3.89	3.92	3.99	4.02	4.05
250	3.65	3.67	3.69	3.74	3.77	3.80
300	3.50	3.52	3.54	3.58	3.60	3.63
350	3.40	3.41	3.43	3.47	3.49	3.50

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April - 1969

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