

UNIVERSITY OF CALIFORNIA
COOPERATIVE EXTENSION

SAMPLE COSTS TO PRODUCE MIXED MELONS

On Rented Land

Stanislaus County, 1984

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and

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Production Data:

Based on a yield of 500 crates (30-35 lbs.) pack out; Labor: irrigator \$5.00/hr.; equipment operator \$6.50/hr.; common labor \$4.00/hr. including fringe benefits. 90 H.P. W.D. cash costs @ \$11.50; depr. \$3.00; interest \$2.25; 60 H.P. W.D. cash cost @ \$8.00; depr. \$1.90; interest \$1.40. Used crawler diesel 60 H.P. @ \$12.00; depr. \$3.75; interest \$2.80

OPERATION	HOURS PER ACRE	CASH AND LABOR COST PER ACRE					TOTALS
		LABOR	FUEL & REPAIRS	MATERIALS		COST	
				KIND	QUANTITY		
<u>Cultural Costs:</u>							
Subsoil	1.5	\$ 9.75	\$18.00				\$ 27.75
Land preparation	2.0	13.00	23.00				36.00
List and fertilize	.5	3.25	5.75				9.00
Fertilizer				60# @ 22¢		\$ 13.20	13.20
Herbicide	.3	1.95	3.45	Material		6.50	11.90
Plant and fungicide	.5	3.25	4.00	Material		6.75	14.00
Seed				3# @ \$7.00		21.00	21.00
Thin vines	5.0	20.00					20.00
Cultivate	3.0	19.50	24.00				43.50
Irrigate, 1 pre and 5 crop	9.0	45.00					45.00
Water & power to pump				4 ac. ft. @ \$16.00		64.00	64.00
Insect control				contract		68.00	68.00
Hand weed	10.0	40.00					40.00
Misc. 2 man hrs., 1 tractor hr. and materials	2.0	10.50	8.00			8.00	26.50
Repairs, except tractors						20.00	20.00
Interest on operating capital						48.66	48.66
<u>Total Cultural Costs</u>		<u>\$166.20</u>	<u>\$86.20</u>			<u>\$256.11</u>	<u>\$508.51</u>

<u>Harvest Costs</u>							
Pick 14¢ box, 60 boxes per ton				8.3 tons total		\$ 69.72	\$ 69.72
Haul 16¢ box						79.68	79.68
Misc. harvest costs 8¢ box						39.84	39.84
<u>Total Harvest Costs</u>							<u>\$189.24</u>

<u>Cash Overhead</u>							
Misc., office, etc.	3% of cash costs						\$ 20.93
Taxes							4.50
Interest							200.00
<u>Total Cash Overhead Costs</u>							<u>\$225.43</u>

TOTALS
\$923.10

TOTAL CASH COSTS

<u>Investment</u>	<u>Per Acre</u>	<u>Annual Costs</u>	
		<u>Depreciation</u>	<u>Interest 15%</u>
Equipment	\$400.00	\$40.00	\$30.00
Tractors: 90 H.P. W.D. - 2.8 hrs.		8.40	6.30
60 H.P. W.D. - 4.5 hrs.		8.55	6.30
60 H.P. C.D. - 1.5 hrs.		<u>5.63</u>	<u>4.20</u>
<u>Total</u>		\$62.58	\$46.80

Total Investment

\$109.38

TOTAL COST PER ACRE

\$1032.56

Cost per crate @ 500 crate yield

\$ 2.07