

SAMPLE COSTS TO PRODUCE SPRING SPINACH IN MONTEREY COUNTY-1980

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Yield: 10 tons per acre (1 Cutting)  
 Harvest: March-April  
 Plant: November 15 to January 10

<u>Total Labor Costs/Hr*</u>		<u>Hourly Tractor Costs</u>				
				<u>Cash Costs</u>	<u>Depreciation</u>	<u>Interest</u>
Cl. I Tractor Driver	8.58	80 h.p. Crawler Diesel	13.00	4.89	2.67	
Cl II Tractor Driver	8.44					
Irrigator	7.39					
Other Labor	7.28	60 h.p. Wheel Diesel	4.85	1.84	1.10	

<u>OPERATION</u>	<u>Tractor Used</u>	<u>Hours/Acre</u>	<u>Labor</u>	<u>Fuel &amp; Repaire</u>	<u>Contracts &amp; Materials</u>	<u>Total/Acre</u>
<u>CULTURAL</u>						
Sub-Soil 2x ( $\frac{1}{2}$ to Spinach)	C-80	0.62	5.24	9.44		14.81
Disc. & Roll 3x	C-80	0.69	5.82	10.83		16.65
Chisel 2x	C-80	1.0	8.44	14.38		22.82
Level	C-80	0.52	4.39	8.48		12.87
List & Preplant Fertilizer					Contract @ 7.00/ Ac 500# 12-12 @ 55.00	62.00
Shape Beds & Roll	WD-60	0.25	2.11	1.28		3.39
Plant-4 Bed Planter	WD-60	0.50	4.42	3.40	15# hybrid seed @ 2.25/lb	41.57
Herbicide					Contract @ 9.00/Ac materials 40.00	49.00
Irrigate 2x (1 preplant)		4.0	29.56		.75 Ac. Ft. @ 24.00/ Ac. Ft. for power 4.00 for booster pump	51.56
Fertilize 2x					Contract @ 6.25/Ac 170# N @ 0.32/lb	66.90
Pest Control 2x					Contract @ 7.00/Ac Materials 27.00	34.00
Cultivate 3x	WD-60	0.75	6.44	7.97		14.41
Hoe & Weed		4.0	28.12			12
Miscellaneous		4.0	31.38	8.27		39.15
<u>TOTAL CULTURAL COSTS</u>						<u>457.75</u>

<u>OVERHEAD</u>		
Business Costs:	Office & Business Expense, ect. @ 12% Cultural Costs	54.93
Taxes:	Equipment, Except Tractors	5.10
Rent:	\$400.00/Ac, 6 Months to Spinach	200.00
<u>TOTAL OVERHEAD COSTS</u>		<u>259.93</u>

TOTAL CULTURAL AND OVERHEAD COSTS 717.68

<u>HARVEST - HARVESTED BY PROCESSOR</u>				
<u>ANNUAL COSTS</u>	<u>Investment</u>	<u>Per Acre</u>	<u>Depreciation</u>	<u>Interest-8%</u>
50% charged to spinach, tractors are on an hourly basis	Buildings	60.00	3.00	3.60
	Irrig. System	300.00	30.00	18.00
	Tractors	190.00	16.60	9.21
	Equipment	150.00	15.00	9.00
		<u>680.00</u>	<u>64.60</u>	<u>39.81</u>

6 Months (Except Tractors & Equipment) to Spinach 65.11

TOTAL COST PER ACRE 782.79  
COST PER TON @ 10 TONS PER ACRE 78.28

SAMPLE COSTS OF PRODUCTION AT VARYING YIELDS

Yield: tons per acre	8	9	10	11	12
Growing Costs	782.79	782.79	782.79	782.79	782.79
Cost Per Ton	97.85	86.98	78.28	71.16	65.23

Management has not been included as a cost of production in this study. It may be as much as 5% of the farm value of the crop.

Labor costs per hour include fringe benefits paid by the farmer. FDI, social security, workmen's compensation, unemployment, health plan, vacation and pension plan.