

SAMPLE COSTS TO PRODUCE FRESH MARKET BROCCOLI IN MONTEREY COUNTY - 1986

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YIELD: 475 Cartons. per Acre
 HARVEST: year round
 PLANT: year round

TOTAL LABOR COSTS/HR. ^{/1}		HOURLY TRACTOR COSTS				
				Cash Costs	Depreciation	Interest
Equipment Operator	11.65	80 h.p. Crawler Diesel		12.52	4.72	4.25
Irrigator	10.15	80 h.p. Wheel Diesel		7.18	1.88	1.13
Other Labor	10.00					
Operation	Tractor Used	Hours/Acre	Labor	Fuel & Repairs	Contract & Materials	Total/Acre
CULTURAL:						
Sub Soil (1/2 charge to broccoli)	C-80	1.24	14.45	20.24		17.34
Disc & Roll 3X	C-80	0.69	8.04	13.36		21.40
Chisel 2X	C-80	0.66	7.69	9.74		17.43
Level 2X	C-80	0.52	6.06	8.16		14.22
List & Preplant Fertilizer					Contract @ \$9.00/ac 500# 12-12-12	76.25
Shape Beds & Roll	WD-80	0.25	2.91	2.05		4.96
Plant 4-Bed Planter	WD-80	0.5	5.83	4.10	1 lb seed @ \$125/lb	134.93
Herbicide ^{/2}					Contract @ \$12.00/ac materials \$90.00	114.00
Irrigate		12.0	121.80		2.0 ac. ft. @ \$30.00 for power	181.80
Fertilize 2X					Contract @ \$8.00/ac 180# N @ \$.43/lb	93.40
Cultivations 5X	WD-80	2.5	25.00	17.95		42.95
Pest Control 3X					Contract @ \$12.00/ac \$35.00 materials	71.00
Light Hoe & Weed		4.0	40.00			40.00
Miscellaneous		4.0	43.30	16.00		59.30
CULTURAL COST						888.98
OVERHEAD						
Business Costs: 50% of preharvest costs @ 11% for 6 months						30.80
Taxes: Equipment						6.00
Rent: \$450.00/ac, 6 months to broccoli						225.00
OVERHEAD COSTS						261.80
HARVEST: Contract \$4.10						1,947.50
TOTAL CULTURAL, OVERHEAD AND HARVEST COSTS						3,098.28
ANNUAL COSTS		Investment	Per Acre	Depreciation	Interest - 11%	
50% charged to broccoli, tractors are on an hourly basis		Buildings	60.00	3.00	3.30	
		Irrig. System	300.00	30.00	16.50	
		Tractors	280.00	28.31	21.41	
		Equipment	250.00	25.00	13.75	
		TOTAL	890.00	86.31	54.96	95.50
6 months (except tractors and equipment) to broccoli.						
TOTAL COST PER ACRE						3,193.78
TOTAL COST PER CARTON						6.72

Management has not been included as a cost of production in this study.

SAMPLE COSTS OF PRODUCTION AT VARYING YIELDS

YIELD - TONS PER ACRE	4.75	5.00	5.25	5.50	5.75
CULTURAL & OVERHEAD COSTS	1150.78	1150.78	1150.78	1150.78	1150.78
HARVEST COSTS	1742.50	1845.00	1947.50	2050.00	2152.50
ANNUAL COSTS	95.50	95.50	95.50	95.50	95.50
TOTAL COST PER ACRE	2988.78	3091.28	3193.78	3296.28	3398.78
COST PER CARTON	7.03	6.87	6.72	6.59	6.47

/1 Labor costs per hour include fringe benefits paid by the farmer: SDI, social security, workman's compensation, unemployment, health plan, vacation, holidays, and pension plan. (Growers cost may be greater for fringes if he includes book-keeping, protective clothing, safety equipment, etc.)

/2 For Herbicide Materials, rates, and application techniques, contact a pest control advisor or your local Agricultural Extension Service Office.