

AGRICULTURAL EXTENSION
UNIVERSITY OF CALIFORNIA
SANTA BARBARA COUNTY

SAMPLE COSTS TO PRODUCE BROCCOLI FOR FREEZER

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Based on a yield of 3 1/2 tons/acre

Hourly Tractor Costs:	Cash Costs	Depreciation	Interest
100 hp wheel diesel	\$4.40	\$2.00	\$1.00
60 hp wheel diesel	2.70	1.60	.80
40 hp wheel diesel	2.10	1.45	.72

Total Labor Costs/Hour: Tractor driver - \$3.83*
Other labor - 2.98*

Operation	Hours Per Acre	Labor	Fuel & Repairs	Materials & Other Costs	Costs	Cost/Acre	
						Sample	Yours
Shred previous crop residue				Custom: \$6.50 per acre	\$ 6.50	\$ 6.50	
Land preparation	4.0	\$ 15.32	\$ 19.90				35.22
Plant	1.0	3.83	3.75	Seed & seed treatment 1½ lbs @ \$11.65	14.56		22.14
Weed control				Material & application	20.00		20.00
Irrigate 8x	13.0	38.74	8.00	Water: 2.6 ac. ft. @ \$7.50 for power	19.50		66.24
Cultivate 6x	4.0	15.32	11.60				26.92
Thin - machine				Custom:	18.30		18.30
Hoe	11.0	32.78					32.78
Fertilize 3x				Materials & application	134.75		134.75
Pest control 3x				Materials & application	54.50		54.50
Miscellaneous	4.0	12.77	8.40				21.17
Pre-harvest Cultural Costs		\$118.76	\$ 51.65		\$268.11		\$438.52
Pick - \$0.01916/lb.		133.00					133.00
Supervision		3.75					3.75
Tractor costs		4.40	13.20				17.60
Haul				\$6.60/ton - average cost	23.10		23.10
Total Harvest Costs		\$141.15	\$ 13.20		\$ 23.10		\$177.45
Total Cultural Costs							\$615.97
Miscellaneous overhead, office & business costs - 6% cultural costs							36.96
Rent: .6 year @ \$135 per acre							81.00
Total Cash Costs							\$733.93
Management 5% of 3 1/2 tons @ \$0.105 lb. (\$735)							36.75
Annual Costs:							
Investment		Per Acre	Depreciation	Interest - 8%			
Buildings		\$ 50.00	\$ 2.50	\$ 2.00			
Irrigation system		90.00	9.00	3.60			
Equipment		105.00	10.50	4.20			
Tractors		145.00	17.40	8.68	(Except tractors		
		<u>\$390.00</u>	<u>\$39.40</u>	<u>\$18.48</u>	for .6 year)		\$ 45.16
Total Cost Per Acre							\$815.84
Cost Per Ton @ 3 1/2 ton yield (Cost per lb. - \$0.1165)							233.10
Cost Per Ton at varying yields:							
2 tons	\$364.59	(\$0.182)	4 tons	\$211.18	(\$0.106)	6 tons	\$160.05 (\$0.080)
3 tons	\$262.31	(\$0.131)	5 tons	\$180.50	(\$0.090)		