

AGRICULTURAL EXTENSION
UNIVERSITY OF CALIFORNIA
SANTA BARBARA COUNTY

SAMPLE COSTS TO PRODUCE KENNEBEC POTATOES

Based on a yield of 350 sacks per acre.

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

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

Operation	Hours/ Acre	Labor	Fuel & Repairs	Materials & Other Costs	Costs	Cost/Acre	
						Sample	Yours
Land Preparation	4.0	\$ 15.32	\$ 19.90			\$ 35.22	
Fumigation				Custom:\$40 per acre	\$ 40.00	40.00	
Plant & Fertilize	.5	4.90	3.20	Seed:27 cwt @ \$5.50 includes cutting	148.50	156.60	
				Fertilizer at planting & later application	124.00	124.00	
Weed Control				Custom:material & application	14.50	14.50	
Cultivate 4x	2.0	7.66	7.90			15.56	
Irrigate 12x	2.0	35.76	8.00	Water:2.5 ac. ft. @ \$7.50 for power	18.75	62.51	
Pest Control 7x				Material & application	108.50	108.50	
Pre-dig operations	3.0	10.64	8.00	Water cost included in fuel and repair		18.64	
Miscellaneous	4.0	12.77	8.40			21.17	
Pre-harvest Cultural Costs		\$ 87.05	\$55.40		\$454.25	\$ 596.70	
Harvest							
Dig, pick, load, haul, and shed costs				\$1.15 per salable sack for 350 sack yield		\$ 402.50	
Total Cultural Costs						\$ 999.20	
Miscellaneous overhead, office and business costs (6% cultural costs)						59.95	
Rent: .6 year @ \$135						81.00	
Total Cash Costs						\$1140.15	
Management: 5% of 350 sacks @ \$3.35						58.63	
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	15.10	7.54	(Except tractors		
		\$390.00	\$37.10	\$17.34	for .6 year)	\$ 41.72	
Total Cost per Acre						1240.50	
Total Cost per sack at 350 sacks per acre						3.54	
Cost per Sack at Varying Yields:		Yield-sacks	Cost/sack				
		250	\$4.50				
		300	3.94				
		350	3.54				
		400	3.25				
		450	3.01				

FARM AND HOME ADVISORS
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