

COST TO PRODUCE POTATOES WITH SPRINKLER IRRIGATION

Tulelake, California 1968

Yield - 250 sacks marketed

Operation	Cost per acre	Total
Flow	\$ 3.00	
Chisel 1 X	2.00	
Weed Control (herbicide cost)	10.00	
2 discing for incorporation of herbicide	4.00	
Chisel 1 X	2.00	
Cut seed - 6 hrs. @ \$1.65	\$9.90	
1800 lbs. seed @ \$5.00	90.00	99.90**
Dust or dip seed - 1800 lbs. @ .30¢	5.40	
3# Disyston	10.00	
Plant and fertilize	7.00	
800 lbs. 16-20-0	32.00	39.00
Cultivate 1 X @ \$2.00	2.00	
3 Sprayings for Early Blight (Material and application.)	19.50	
Weed - 5 hrs. @ \$1.65	8.25	
2 Topical applications of aphicide material (material and application)	15.00	
Solid set sprinklers, 3 line moves, 13 irrig.	25.00	
Power, minimum charge - 2.5 acre ft. @ \$1.40	3.50*	
Water cost	7.50	
Total Cultural Cost		\$256.05

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Beat vines 2 X	\$10.00	
Dig	10.00	
Harvest & deliver to bin 12.5 tons @ \$5.40	67.50	
Storage - 12.5 tons @ \$2.00	25.00	
Harvest cost thru delivery to cellar		\$112.50

Insurance - 12.5 ton @ 8¢/cwt.	\$20.00	
Management - 5% of 200 sacks @ \$2.00	20.00	
Miscellaneous overhead	25.00	
Land cost - \$800.00 @ 7%	56.00	
Sprinkler system depreciation cost \$550.00 for 10 years	55.00	
Taxes	11.50	
Interest - Sprinkler on 1/2 of \$550. @ 7%	19.25	
Total cost		\$206.75

Total cost per acre	\$575.30
Cost per cwt. sold	\$2.32

* Higher Power cost will be experienced out of the Tulelake Irrigation District where greater lift is required.
 Includes cold storage @ 50¢/cwt.
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 UC Cooperative Extension