

**COSTS TO PRODUCE POTATOES UNDER SOLID SET SPRINKLER-Tulelake, California
1974**

Yield - Based on 375 cwt/acre field run Labor @ \$2.50/Hour

Operation	Cost/Acre	Total
Burn straw	\$.50	
Pull down checks	.70	
Plow	3.25	
Chisel 2X @ \$1.70	3.10	
Rototill	3.70	
Cut seed - 18 cwt @ 65¢	11.70	
Dust seed - 18 cwt @ 15¢	2.70	
Plant and fertilize	8.10	
Seed - 18 cwt @ \$8.00	144.00	
Fertilizer - 1000# 16-20-0 @ \$185.00/Ton	92.50	
Minor elements - 1% zn, mn and iron	7.20	
Cultivate 2X	3.65	
Insect and blight control	49.70	
Hand weed - 5 hrs @ \$2.00	10.00	
Move pipe	7.50	
Power for pumping	14.70	
Irrigation - labor	.90	
Irrigation - equipment upkeep and repair	2.00	
Sprout inhibitor	9.30	
Interest on operating capital \$376.75 @ 9%/6 mos.	16.90	
TOTAL CULTURAL COST		\$392.10

Beat vines	\$ 1.75	
Harvest and haul - 375 cwt	31.50	
Storage - 375 cwt @ 12¢	45.00	
TOTAL HARVEST		\$ 76.50

Miscellaneous overhead	\$ 20.50	
Rent	130.00	
Management - 5% of 375 cwt @ \$3.75 - \$1406.	70.30	
Depreciation - Equipment \$852 @ 10%	85.20	
Irrigation \$1000. @ 10%	100.00	
Interest - Equipment \$426 @ 9%	38.35	
Irrigation \$500 @ 9%	45.00	
TOTAL OVERHEAD		\$489.35

TOTAL COST OF PRODUCTION		\$957.95
COST PER CWT @ 375 CWT YIELD		\$ 2.55

Depreciation and Interest on equipment based on:
 \$56,650. of equipment and \$70,000. of sprinkler pipe, motor and pump.
 (Sprinkler pipe, motor and pump used on 70 acre basis, all other
 equipment on 140 acre basis)

Prepared by: Dr. A. D. Reed, Extension Economist and
 K. G. Baghott, Tulelake Farm Advisor, University
 of California Agricultural Extension Service