

1971

COSTS TO PRODUCE RUSSET POTATOES UNDER FURROW IRRIGATION
Tulelake, California

Figured on a 300 cwt. sack/acre field run yield giving 165 cwt #1's (55%), 45 cwt #2's (15%), 30 cwt B's (10%) and 60 cwt Culls (20%).
Price per cwt: #1's @ \$2.00, #2's @ \$1.00, B's @ \$0.65 and Culls \$0.40.
Costs based on Custom Operations. Labor @ \$2.00/Hour.

Operation	Cost/Acre	Total
Plow	\$ 3.50	
Rototilling 1X	5.00	
Cut Seed (50¢/cwt for 16 cwt)	8.00	
1600# Certified Seed @ \$4.00/cwt	64.00	
Dust Seed (1600# @ 10¢/cwt)	1.60	
Fertilizer 800# 16-20 + minor elements	41.40	
Plant and Fertilize	10.00	
Ditch and pull ditches 2X	.50	
Irrigate 10X, 10 hrs. @ \$2.00	20.00	
Cultivate 2X @ \$2.00	4.00	
Hand weed 5 hrs. @ \$2.00	10.00	
3 Sprayings for insect control	25.25	
Water Cost furnished by Landlord		
Rent	90.00	
TOTAL CULTURAL COST		\$283.25

Beat vines 1X	\$ 5.00	
Harvest and deliver to cellar (15 Ton @ \$5.50/Ton)	82.50	
Storage - 15 Ton @ \$2.40/Ton	36.00	
HARVEST COST THRU DELIVERY TO CELLAR		\$123.50
TOTAL GROWING AND HARVESTING COSTS		\$406.75

Interest on operating capital \$406.75 for 6 months @ 8%	\$ 16.27	
Management (5% of 300 sks @ \$1.40 Field Run)	21.00	
Miscellaneous overhead	15.60	
TOTAL INCIDENTAL COST		\$ 52.87

TOTAL COST PER ACRE		\$459.62
COST PER CWT. FIELD RUN		\$ 1.53

Prepared by: Dr. A. D. Reed, Extension Economist and
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COSTS TO PRODUCE RUSSET POTATOES WITH SOLID SET SPRINKLER - 1971

Tulelake, California

Figured on a 425 cwt. sack/acre field run yield giving 276 cwt. #1's (65%), 43 cwt. #2's (10%), 42 cwt. B's (10%) and 64 cwt. Culls (15%). Price/cwt: #1's @ \$2.00, #2's @ \$1.00, B's @ \$0.65 and Culls @ \$0.40. Costs based on Custom Operations. Labor @ \$2.00/Hour.

Operation	Cost/Acre	Total
Plow	\$ 3.50	
Rototilling 1X	5.00	
Cut Seed (50¢/cwt. for 18 cwt.)	9.00	
1800# Certified Seed @ \$4.00/cwt.	72.00	
Dust Seed (1800# @ 10¢/cwt.)	1.80	
Plant and Fertilize	10.00	
Fertilizer 1000# 16-20 + Minor elements	53.00	
Cultivate 2X @ \$2.00	4.00	
Spray Program (3X for Early Blight + Insecticide)	29.22	
Hand Weeding 5 Hrs./Acre @ \$2.00/Hr.	10.00	
4 Sprinkler pipe moves (2 within field + 1 in & 1 out of field)	10.00	
Power Cost (Propane) 1.9 acre ft. @ \$6.30	12.00	
Interest - Sprinkler on $\frac{1}{2}$ of \$550. @ 8% (Water furnished by Landlord)	24.75	
Rent	90.00	
TOTAL CULTURAL COSTS		\$334.27

Beat Vines 1X	\$ 5.00	
Harvest and deliver to cellar (21 $\frac{1}{4}$ Ton @ \$5.50/T)	116.87	
Storage on 21 $\frac{1}{4}$ Ton @ \$2.40/Ton	51.00	
HARVEST COST THRU DELIVERY TO CELLAR		\$172.87
TOTAL GROWING AND HARVESTING COSTS		\$507.14

Interest on operating capital \$507.14 for 6 months @ 8%	\$ 40.57	
Miscellaneous overhead	19.86	
Management (5% of 425 cwt. @ \$1.52 Field Run)	32.30	
Sprinkler system depreciation cost (\$550.- 10yrs.)	55.00	
TOTAL INCIDENTAL COST		\$147.73

TOTAL COST PER ACRE		\$654.87
COST PER CWT. FIELD RUN		\$ 1.54

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