

SAMPLE COSTS TO PRODUCE IRISH POTATOES
Kern County - 1986

8517

Yield: 400 CWT (100 lbs.)/Acre. Field labor @ 6.00 per hour total, equipment operator .75 including Social Security and Workman's Compensation Insurance. Heavy crawler per hour cash costs \$12.90, depreciation \$3.45, interest \$2.85. Heavy wheel diesel @ \$12.40, \$2.60 and \$1.40. Medium wheel diesel @ \$9.35, \$1.75 and \$1.00.

	UNIT	QUANTITY	SAMPLE COSTS	
			PER ACRE	PER CWT
PRE-HARVEST CASH COSTS:				
Chisel 2X: man + crawler tractor	HR.*	1.00	19.65	
Disc 2X: man + crawler tractor	HR.	1.00	19.65	
Finish Level 1X: man + crawler tractor	HR.	.50	9.83	
Pre-irrigate:	AC.FT.	.25	12.00	
Labor:	HR.	1.25	7.50	
List: man + heavy whl. tractor	HR.	.50	9.58	
Soil Amendments:	\$/ACRE	60.00	60.00	
Custom Spread:	\$/ACRE	25.00	25.00	
Fertilizer: (16-20-0 @ \$200/ton)	TONS/ACRE	.50	100.00	
Potato Seed @ \$10/CWT:	CWT/ACRE	20.00	200.00	
Seed Cutting, unloading, treatment:	\$/CWT	2.00	40.00	
Plant (Custom):	\$/ACRE	45.00	45.00	
Herbicide:	\$/ACRE	30.00	30.00	
Application: man + heavy wheel	HR.	.33	6.32	
Nitrogen: (UN 32, Sprinkler Appl. @ .30/LB)	LBS./ACRE	90.00	27.00	
Fungicide:	\$/ACRE	28.00	28.00	
Application:	\$/ACRE	10.00	10.00	
Cultivate 3X: man + medium wheel	HR.	1.50	24.15	
Drop Irrigations: \$46/AC.FT. +\$2/AC.FT. BOOSTER	AC.FT.	1.50	72.00	
Sprinkler Pipe Rental:	\$/ACRE	150.00	150.00	
Miscellaneous: man + medium wheel	HR.	2.00	32.20	
Repairs To Equipment Except Tractors:	\$/ACRE	25.00	25.00	
Rent:	\$/ACRE	150.00	150.00	
Supervision	\$/ACRE	20.00	20.00	
Misc. Overhead:				
Office + Business Expense, 4% of costs:	%	.04	100.68	
Interest on Operating Capital:	%	.13	113.43	
<i>TOTAL PRE-HARVEST CASH COST</i>			<i>1336.98</i>	<i>3.34</i>
HARVESTING COSTS:				
Vine Rolling + Desicant: man + med. wheel	HR.	1.50	24.15	
Material	\$/ACRE	10.00	10.00	
Dig, Load, Haul (Custom)	\$/CWT	.80	320.00	
Shed Costs, Sales, Brokerage:	\$/CWT**	2.60	1040.00	
<i>TOTAL HARVESTING COSTS</i>			<i>1394.15</i>	<i>3.49</i>
<i>TOTAL CASH COSTS</i>			<i>2731.13</i>	<i>6.83</i>
DEPRECIATION:				
Heavy crawler tractor:	HR.	2.50	8.63	
Heavy wheel diesel:	HR.	.83	2.16	
Medium wheel diesel:	HR.	5.00	8.75	
Other Equipment: 10 YRS. Life:	\$/ACRE	150.00	15.00	
<i>TOTAL DEPRECIATION</i>			<i>34.53</i>	<i>.09</i>
INTEREST ON INVESTMENT @ 11%:				
Heavy crawler tractor:	HR.	2.50	7.13	
Heavy wheel diesel:	HR.	.83	1.16	
Medium wheel diesel:	HR.	5.00	5.00	
Other Equipment: 1/2 cost	\$/ACRE	75.00	8.25	
<i>TOTAL INTEREST ON INVESTMENT</i>			<i>21.54</i>	<i>.05</i>
<i>TOTAL COST OF PRODUCTION</i>			<i>2787.20</i>	<i>6.97</i>

*Hourly figures are calculated on a per acre basis.

**Shed costs based on 100 lbs. burlap bags.

John Guerard

Farm Advisor

INCOME PER ACRE ABOVE ALL COSTS
PRICE PER CWT. (100 lbs.)

	6.00	7.00	8.00	9.00	10.00
YIELD CWT/ACRE					
300	- 647	- 347	- 47	253	553
350	- 517	- 167	183	533	883
400	- 387	13	413	813	1213
450	- 257	193	643	1093	1543
500	- 127	373	873	1373	1873