



San Luis Valley - Potatoes

2015

Estimated Production Costs & Returns (assumes a 10% shrink on gross yield of 400 sacks)

GROSS RECEIPTS FROM PRODUCTION

GROSS RECEIPTS	UNIT	PRICE	NET YIELD	PER ACRE	PER SACK	YOUR FARM
Potatoes	cwt	\$7.26	250	\$1,815	\$7.26	_____
Small Potatoes	cwt	\$2.00	110	\$220	\$2.00	_____
Total Receipts				\$2,035		\$0

DIRECT COSTS

	UNIT	COST PER UNIT	QUANTITY	PER ACRE	PER SACK	YOUR FARM
OPERATING PREHARVEST						
Seed (certified)	dollars	185.00	1	185.00	0.74	_____
Fertilizer (N and 0-0-60)	dollars	300.00	1	300.00	1.20	_____
Herbicide & Insecticide	dollars	270.00	1	270.00	1.08	_____
Chemical (sprout nip)	dollars	51.00	1	51.00	0.20	_____
Custom Application	dollars	22.00	1	22.00	0.09	_____
Water Assessment (surface)	dollars	9.00	1	9.00	0.04	_____
Irrigation Energy	dollars	150.00	1	150.00	0.60	_____
Sprinkler Repairs	dollars	30.00	1	30.00	0.12	_____
Crop Insurance	dollars	92.00	1	92.00	0.37	_____
Food Safety	dollars	4.00	1	4.00	0.02	_____
Crop Consultant	dollars	14.00	1	14.00	0.06	_____
Fuel	dollars	94.40	1	94.40	0.38	_____
Repairs & Maintenance	dollars	58.00	1	58.00	0.23	_____
Labor	dollars	145.00	1	145.00	0.58	_____
Interest (6 months @ 6.0%)	dollars	42.73	1	42.73	0.17	_____
Total Pre-Harvest Expenses				\$1,467.13	\$5.87	\$0.00
HARVEST COSTS						
Fuel	dollars	23.60	1	23.60	0.09	_____
Repairs & Maintenance	dollars	7.25	1	7.25	0.03	_____
Labor	dollars	145.00	1	145.00	0.58	_____
Storage	dollars	23.00	1	23.00	0.09	_____
Hauling	dollars	69.00	1	69.00	0.28	_____
Total Harvest Costs				\$267.85	\$1.07	\$0.00
Total Operating Costs				\$1,734.98	\$6.94	\$0.00
PROPERTY & OWNERSHIP COSTS						
General Farm Overhead	dollars	65.00	1	65.00	0.26	_____
Depreciation	dollars	100.00	1	100.00	0.40	_____
Real Estate Taxes	dollars	23.00	1	23.00	0.09	_____
Total Property & Ownership Costs				\$188.00	\$0.75	\$0.00
TOTAL DIRECT COSTS				\$1,922.98	\$7.69	\$0.00
NET RECEIPTS BEFORE FACTOR PAYMENTS				\$112.02	\$0.45	\$0.00
FACTOR PAYMENTS						
Land (\$6,000 @ 4%)				240.00	0.96	_____
RETURN TO MANAGEMENT & RISK				(\$127.98)	(\$0.51)	\$0.00

BREAKEVEN ANALYSIS - PER ACRE RETURNS OVER TOTAL DIRECT COSTS (\$/ACRE)

		ALTERNATIVE PRICES (\$/SACK)				
		-25%	-10%	10%	25%	
ALTERNATIVE YIELDS		\$5.45	\$6.53	\$7.26	\$7.99	\$9.08
-25%	187.50	(\$902.04)	(\$697.86)	(\$561.73)	(\$425.61)	(\$221.42)
-10%	225.00	(\$697.86)	(\$452.83)	(\$289.48)	(\$126.13)	\$118.90
SACKS PER ACRE	250.00	(\$561.73)	(\$289.48)	(\$107.98)	\$73.52	\$345.77
10%	275.00	(\$425.61)	(\$126.13)	\$73.52	\$273.17	\$572.65
25%	312.50	(\$221.42)	\$118.90	\$345.77	\$572.65	\$912.96