



Western Colorado - Onions

Estimated Production Costs & Returns

GROSS RECEIPTS FROM PRODUCTION

GROSS RECEIPTS	UNIT	PRICE	YIELD	PER ACRE	PER CWT
Onions	cwt	\$11.70	460	\$5,382	\$11.70
Total Receipts				\$5,382	

DIRECT COSTS

	UNIT	COST PER UNIT	QUANTITY	PER ACRE	PER BU
OPERATING PREHARVEST					
Tillage					
Plow	acre	18.00	1	18.00	0.04
Roller Harrow (3 times)	acre	12.00	3	36.00	0.08
Disk	acre	12.00	1	12.00	0.03
Seed					
Custom Planting	acre	15.00	1	15.00	0.03
Fertilizer					
Custom Application	acre	52.00	1	52.00	0.11
Herbicide					
Custom Application	acre	42.00	1	42.00	0.09
Insecticide					
Custom Application	acre	20.00	1	20.00	0.04
Fungicide					
Custom Application	acre	103.00	1	103.00	0.22
Irrigation					
Water Assessment	dollars	10.00	1	10.00	0.02
Labor	dollars	25.00	1	25.00	0.05
Crop Insurance (NAP)	dollars	100.00	1	100.00	0.22
Fuel	dollars	0.00	1	0.00	0.00
Repairs & Maintenance	dollars	0.00	1	0.00	0.00
Interest (6 months @ 7.5%)	dollars	85.09	1	85.09	0.18
Total Pre-Harvest Expenses				\$2,354.09	\$5.12
HARVEST COSTS					
Custom Harvest	dollars	1,000.00	1	1,000.00	2.17
Hauling	dollars	275.00	1	275.00	0.60
Storage	dollars	295.00	1	295.00	0.64
Sort/Bag	dollars	220.00	1	220.00	0.48
Labor	dollars	200.00	1	200.00	0.43
Total Harvest Costs				\$1,990.00	\$4.33

Total Operating Costs				\$4,344.09	\$9.44
PROPERTY & OWNERSHIP COSTS					
General Farm Overhead	dollars	65.00	1	65.00	0.14
Depreciation	dollars	10.00	1	10.00	0.02
Real Estate Taxes	dollars	22.27	1	22.27	0.05
Total Property & Ownership Costs				\$97.27	\$0.21
TOTAL DIRECT COSTS				\$4,441.36	\$9.66
NET RECEIPTS BEFORE FACTOR PAYMENTS				\$940.64	\$2.04
FACTOR PAYMENTS					
Land (\$5000 @ 4%)				200.00	0.43
RETURN TO MANAGEMENT & RISK				\$740.64	\$1.61

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

ALTERNATIVE YIELDS		ALTERNATIVE PRICES (\$/ton)			
		-25%	-10%	10%	10%
		\$8.78	\$10.53	\$11.70	\$12.87
-25%	345.0	(\$1,413.98)	(\$808.51)	(\$404.86)	(\$1.21)
-10%	414.0	(\$808.51)	(\$81.94)	\$402.44	\$886.82
TONS PER ACRE	460.0	(\$404.86)	\$402.44	\$940.64	\$1,478.84
10%	506.0	(\$1.21)	\$886.82	\$1,478.84	\$2,070.86
25%	575.0	\$604.27	\$1,613.39	\$2,286.14	\$2,958.89



2015

YOUR FARM

\$0

YOUR FARM

\$0.00

\$0.00

\$0.00

\$0.00
\$0.00
\$0.00

\$0.00



25%
\$14.63

\$604.27
\$1,613.39
\$2,286.14
\$2,958.89
\$3,968.02
