



Western Colorado - Irrigated Edible Dry Beans

Estimated Production Costs & Returns

GROSS RECEIPTS FROM PRODUCTION

GROSS RECEIPTS	UNIT	PRICE	YIELD	PER ACRE	PER CWT
Dry Beans	cwt	\$30.20	18	\$544	\$30.20
Total Receipts				\$544	

DIRECT COSTS

	UNIT	COST PER UNIT	QUANTITY	PER ACRE	PER CWT
OPERATING PREHARVEST					
Field Prep	dollars	150.00	1	150.00	8.33
Seed	dollars	55.00	1	55.00	3.06
Fertilizer (N)	dollars	80.00	1	80.00	4.44
Custom Application	acre	8.00	1	8.00	0.44
Herbicide	dollars	25.00	1	25.00	1.39
Custom Application	acre	8.00	1	8.00	0.44
Insecticide	dollars	22.00	1	22.00	1.22
Custom Application	acre	8.00	1	8.00	0.44
Crop Insurance (NAP)	dollars	5.00	1	5.00	0.28
Irrigation	dollars	10.00	1	10.00	0.56
Irrigation Labor	dollars	30.00	1	30.00	1.67
Interest (6 months @ 7.5%)	dollars	15.04	1	15.04	0.84
Total Pre-Harvest Expenses				\$416.04	\$23.11
HARVEST COSTS					
Custom Harvest	dollars	65.00	1	65.00	3.61
Labor	dollars	7.00	1	7.00	0.39
Hauling	dollars	30.00	1	30.00	1.67
Total Harvest Costs				\$102.00	\$5.67
Total Operating Costs				\$518.04	\$28.78
PROPERTY & OWNERSHIP COSTS					
General Farm Overhead	dollars	60.00	1	60.00	3.33
Depreciation	dollars	10.00	1	10.00	0.56
Real Estate Taxes	dollars	16.84	1	16.84	0.94
Total Property & Ownership Costs				\$86.84	\$4.82
TOTAL DIRECT COSTS				\$604.88	\$33.60
NET RECEIPTS BEFORE FACTOR PAYMENTS				(\$61.28)	(\$3.40)
FACTOR PAYMENTS					
Land (\$1,500 @ 4%)				60.00	3.33

RETURN TO MANAGEMENT & RISK

(\$121.28)

(\$6.74)

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

ALTERNATIVE YIELDS		ALTERNATIVE PRICES (\$/ton)			
		-25%	-10%	10%	10%
		\$22.65	\$27.18	\$30.20	\$33.22
-25%	13.5	(\$299.10)	(\$237.95)	(\$197.18)	(\$156.41)
-10%	16.2	(\$237.95)	(\$164.56)	(\$115.64)	(\$66.71)
TONS PER ACRE	18.0	(\$197.18)	(\$115.64)	(\$61.28)	(\$6.92)
10%	19.8	(\$156.41)	(\$66.71)	(\$6.92)	\$52.88
25%	22.5	(\$95.25)	\$6.67	\$74.62	\$142.57

\$0.00



25%

\$37.75

(\$95.25)

\$6.67

\$74.62

\$142.57

\$244.50