



Western - Edible Dry Beans (Irrigated) 2016

Estimated Production Costs & Returns

GROSS RECEIPTS FROM PRODUCTION

GROSS RECEIPTS	UNIT	PRICE	YIELD	PER ACRE	PER CWT	YOUR FARM
Dry Beans	cwt	\$30.30	16.6	\$503	\$30.30	
Other						
Total Receipts				\$503		\$0

DIRECT COSTS

	UNIT	COST PER UNIT	QUANTITY	PER ACRE	PER CWT	YOUR FARM
OPERATING PREHARVEST						
Field Prep	dollars	150.00	1	150.00	9.04	
Seed	dollars	55.00	1	55.00	3.31	
Fertilizer (N)	dollars	85.00	1	85.00	5.12	
Custom Application	acre	10.00	1	10.00	0.60	
Herbicide	dollars	30.00	1	30.00	1.81	
Custom Application	acre	10.00	1	10.00	0.60	
Insecticide	dollars	22.00	1	22.00	1.33	
Custom Application	acre	10.00	1	10.00	0.60	
Crop Insurance (NAP)	dollars	6.00	1	6.00	0.36	
Irrigation	dollars	10.00	1	10.00	0.60	
Irrigation Labor	dollars	32.00	1	32.00	1.93	
Interest (6 months @ 7.5%)	dollars	15.75	1	15.75	0.95	
Total Pre-Harvest Expenses				\$435.75	\$26.25	\$0.00
HARVEST COSTS						
Custom Harvest	dollars	65.00	1	65.00	3.92	
Labor	dollars	10.00	1	10.00	0.60	
Hauling	acre	0.46	17	7.64	0.46	
Total Harvest Costs				\$82.64	\$4.98	\$0.00
Total Operating Costs				\$518.39	\$31.23	\$0.00
PROPERTY & OWNERSHIP COSTS						
General Farm Overhead	dollars	60.00	1	60.00	3.61	
Depreciation	dollars	10.00	1	10.00	0.60	
Real Estate Taxes	dollars	16.97	1	16.97	1.02	
Total Property & Ownership Costs				\$86.97	\$5.24	\$0.00
TOTAL DIRECT COSTS				\$605.36	\$36.47	\$0.00
NET RECEIPTS BEFORE FACTOR PAYMENTS				(\$102.38)	(\$6.17)	\$0.00
FACTOR PAYMENTS						
Land (\$1,500 @ 4%)				60.00	3.61	
RETURN TO MANAGEMENT & RISK				(\$162.38)	(\$9.78)	\$0.00

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

		ALTERNATIVE PRICES (\$/cwt)				
		-25%	-10%	10%	25%	
ALTERNATIVE YIELDS		\$22.73	\$27.27	\$30.30	\$33.33	\$37.88
-25%	12.5	(\$322.43)	(\$265.84)	(\$228.12)	(\$190.40)	(\$133.81)
-10%	14.9	(\$265.84)	(\$197.94)	(\$152.67)	(\$107.41)	(\$39.50)
CWT PER ACRE	16.6	(\$228.12)	(\$152.67)	(\$102.38)	(\$52.08)	\$23.37
	10%	18.3	(\$190.40)	(\$107.41)	(\$52.08)	\$3.25
	25%	20.8	(\$133.81)	(\$39.50)	\$23.37	\$86.24
						\$180.55