

Ag Management Guide

2014

Western CO - Irrigated Edible Dry Beans

Estimated Production Costs & Returns

GROSS RECEIPTS FROM PRODUCTION

GROSS RECEIPTS	Unit	Price	Yield	Per Acre	Per CWT	YOUR FARM
DRY BEANS	CWT	30.00	28.00	840.00	30.00	
NET GOV'T PAYMENTS	ACRE			0.00	0.00	
Total Receipts				840.00	30.00	

DIRECT COSTS

	Unit	Cost/ Unit	Quantity	Cost Per Acre	Cost Per CWT	YOUR FARM
<i>OPERATING PREHARVEST</i>						
SEED	DOLS	50.00	1.00	50.00	1.79	
FERTILIZER	DOLS	75.00	1.00	75.00	2.68	
Application	DOLS	7.00	1.00	7.00	0.25	
HERBICIDE	DOLS	22.00	1.00	22.00	0.79	
Application	DOLS	7.00	1.00	7.00	0.25	
INSECTICIDE	DOLS	20.00	1.00	20.00	0.71	
Application	DOLS	7.00	1.00	7.00	0.25	
CROP INSURANCE	DOLS	16.00	1.00	16.00	0.57	
FIELD PREPARATION	DOLS	153.00	1.00	153.00	5.46	
WEEDING LABOR	DOLS	50.00	1.00	50.00	1.79	
IRRIGATION	DOLS	25.00	1.00	25.00	0.89	
IRRIGATION EXPENSE	DOLS	10.00	1.00	10.00	0.36	
LABOR	DOLS	6.00	1.00	6.00	0.21	
INTEREST EXPENSE (6 mths @ 7.5%)	DOLS	7.63	1.00	7.63	0.27	
Total Pre-Harvest Expenses				455.63	16.27	
<i>HARVEST COSTS</i>						
LIFT & WINDROW	DOLS	35.00	1.00	35.00	1.25	
COMBINE	DOLS	55.00	1.00	55.00	1.96	
LABOR	DOLS	6.00	1.00	6.00	0.21	
HAULING	DOLS	28.00	1.00	28.00	1.00	
Total Harvest Costs				89.00	3.18	
Total Operating Costs				544.63	19.45	
<i>PROPERTY & OWNERSHIP COSTS</i>						
GENERAL FARM OVERHEAD	DOLS	20.00	1.00	20.00	0.71	
OWNERSHIP COSTS	DOLS	70.00	1.00	70.00	2.50	
REAL ESTATE TAXES	DOLS	16.00	1.00	16.00	0.57	
Total Property & Ownership Costs				106.00	3.79	
Total Direct Costs				650.63	23.24	
NET RECEIPTS BEFORE FACTOR PAYMENTS				189.37	6.76	
<i>FACTOR PAYMENTS</i>						
Land @ 4%				60.00	2.14	
RETURN TO MANAGEMENT & RISK				129.37	4.62	

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

		ALTERNATIVE PRICES				
		\$/CWT				
ALTERNATIVE YIELDS		-25%	-10%	\$30.00	+10%	+25%
		\$22.50	\$27.00	\$30.00	\$33.00	\$37.50
-25%	21.00	(\$178.13)	(\$83.63)	(\$20.63)	\$42.37	\$136.87
-10%	25.20	(\$83.63)	\$29.77	\$105.37	\$180.97	\$294.37
CWT	28.00	(\$20.63)	\$105.37	\$189.37	\$273.37	\$399.37
+10%	30.80	\$42.37	\$180.97	\$273.37	\$365.77	\$504.37
+25%	35.00	\$136.87	\$294.37	\$399.37	\$504.37	\$661.87