

Ag Management Guide

2014

Northern CO - Irrigated Pinto Beans

Estimated Production Costs & Returns

GROSS RECEIPTS FROM PRODUCTION

GROSS RECEIPTS	Unit	Price	Yield	Per Acre	Per Cwt	YOUR FARM
PINTO BEANS	CWT	\$35.00	20.0	\$700	\$35.00	
NET GOVT PAYMENTS	ACRE			\$0	\$0.00	
Total Receipts				\$700	\$35.00	\$0

DIRECT COSTS

	Unit	Cost Per Unit	Quantity	Cost Per Acre	Cost Per Cwt	YOUR FARM
<i>OPERATING PREHARVEST</i>						
SEED	DOLS	50.00	1.00	50.00	2.50	
FERTILIZER	DOLS	126.00	1.00	126.00	6.30	
HERBICIDE	DOLS	40.00	1.00	40.00	2.00	
INSECTICIDE	DOLS	8.00	1.00	8.00	0.40	
FUNGICIDE	DOLS	29.00	1.00	29.00	1.45	
CUSTOM AERIAL SPRAYING	DOLS	7.50	1.00	7.50	0.38	
IRRIGATION ENERGY	DOLS	47.00	1.00	47.00	2.35	
IRRIGATION REPAIR	DOLS	10.25	1.00	10.25	0.51	
CROP INSURANCE	DOLS	28.50	1.00	28.50	1.43	
SPRINKLER LEASE	DOLS	70.00	1.00	70.00	3.50	
CROP CONSULTANT	DOLS	8.00	1.00	8.00	0.40	
FUEL	DOLS	11.00	1.00	11.00	0.55	
REPAIRS & MAINTENANCE	DOLS	5.50	1.00	5.50	0.28	
LABOR	DOLS	3.75	1.00	3.75	0.19	
INTEREST EXPENSE (6 mths @ 7.5%)	DOLS	16.67	1.00	16.67	0.83	
Total Pre-Harvest Expenses				461.17	23.06	\$0
<i>HARVEST COSTS</i>						
FUEL	DOLS	22.25	1.00	22.25	1.11	
REPAIRS & MAINTENANCE	DOLS	8.50	1.00	8.50	0.43	
LABOR	DOLS	6.00	1.00	6.00	0.30	
HAULING	DOLS	4.25	1.00	4.25	0.21	
Total Harvest Costs				41.00	2.05	
Total Operating Costs				502.17	25.11	\$0
<i>PROPERTY & OWNERSHIP COSTS</i>						
GENERAL FARM OVERHEAD	DOLS	20.00	1.00	20.00	1.00	
OWNERSHIP COSTS	DOLS	60.00	1.00	60.00	3.00	
REAL ESTATE TAXES	DOLS	10.00	1.00	10.00	0.50	
Total Property & Ownership Costs				90.00	4.50	\$0
Total Direct Costs				592.17	29.61	\$0
NET RECEIPTS BEFORE FACTOR PAYMENTS				107.83	5.39	\$0
<i>FACTOR PAYMENTS</i>						
Land @ 4%				100.00	5.00	
RETURN TO MANAGEMENT & RISK				7.83	0.39	\$0

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

ALTERNATIVE YIELDS		ALTERNATIVE PRICES				
		\$/CWT				
		-25%	-10%	\$35.00	+10%	+25%
		\$ 26.25	\$ 31.50	\$ 35.00	\$ 38.50	\$ 43.75
-25%	15.00	-\$198.42	-\$119.67	-\$67.17	-\$14.67	\$64.08
-10%	18.00	-\$119.67	-\$25.17	\$37.83	\$100.83	\$195.33
CWT	20.00	-\$67.17	\$37.83	\$107.83	\$177.83	\$282.83
+10%	22.00	-\$14.67	\$100.83	\$177.83	\$254.83	\$370.33
+25%	25.00	\$64.08	\$195.33	\$282.83	\$370.33	\$501.58