

Ag Management Guide

2014

Northern CO - Irrigated Winter Wheat

Estimated Production Costs & Returns

GROSS RECEIPTS FROM PRODUCTION

GROSS RECEIPTS	Unit	Price	Yield	Per Acre	Per Bu	YOUR FARM
WINTER WHEAT	BU	\$5.40	100.0	\$540	\$5.40	
NET GOV'T PAYMENTS	ACRE			\$0	\$0.00	
Total Receipts				\$540	\$5.40	\$0

DIRECT COSTS

	Unit	Cost Per Unit	Quantity	Cost Per Acre	Cost Per Bushel	YOUR FARM
<i>OPERATING PREHARVEST</i>						
SEED	DOLS	22.80	1.00	22.80	0.23	
FERTILIZER	DOLS	74.25	1.00	74.25	0.74	
HERBICIDE	DOLS	26.00	1.00	26.00	0.26	
IRRIGATION ENERGY	DOLS	30.25	1.00	30.25	0.30	
IRRIGATION REPAIR	DOLS	10.25	1.00	10.25	0.10	
CROP INSURANCE	DOLS	53.00	1.00	53.00	0.53	
SPRINKLER LEASE	DOLS	70.00	1.00	70.00	0.70	
FUEL	DOLS	9.50	1.00	9.50	0.10	
REPAIRS & MAINTENANCE	DOLS	5.00	1.00	5.00	0.05	
LABOR	DOLS	2.50	1.00	2.50	0.03	
INTEREST EXPENSE (6 mths @ 7.5%)	DOLS	11.38	1.00	11.38	0.11	
Total Pre-Harvest Expenses				314.93	3.15	\$0
<i>HARVEST COSTS</i>						
FUEL	DOLS	5.25	1.00	5.25	0.05	
REPAIRS & MAINTENANCE	DOLS	3.75	1.00	3.75	0.04	
LABOR	DOLS	2.00	1.00	2.00	0.02	
HAULING	DOLS	22.75	1.00	22.75	0.23	
Total Harvest Costs				33.75	0.34	
Total Operating Costs				348.68	3.49	\$0
<i>PROPERTY & OWNERSHIP COSTS</i>						
GENERAL FARM OVERHEAD	DOLS	20.00	1.00	20.00	0.20	
OWNERSHIP COSTS	DOLS	60.00	1.00	60.00	0.60	
REAL ESTATE TAXES	DOLS	16.00	1.00	16.00	0.16	
Total Property & Ownership Costs				96.00	0.96	\$0
Total Direct Costs				444.68	4.45	\$0
NET RECEIPTS BEFORE FACTOR PAYMENTS				95.32	0.95	\$0
<i>FACTOR PAYMENTS</i>						
Land @ 4%				100.00	1.00	
RETURN TO MANAGEMENT & RISK				(4.68)	(0.05)	\$0

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

		ALTERNATIVE PRICES				
		\$/BU				
ALTERNATIVE YIELDS		-25%	-10%	+10%	+25%	
		\$ 4.05	\$ 4.86	\$ 5.40	\$ 6.75	
-25%	75.00	-\$140.93	-\$80.18	-\$39.68	\$0.82	\$61.57
-10%	90.00	-\$80.18	-\$7.28	\$41.32	\$89.92	\$162.82
BUSHEL	100.00	-\$39.68	\$41.32	\$95.32	\$149.32	\$230.32
+10%	110.00	\$0.82	\$89.92	\$149.32	\$208.72	\$297.82
+25%	125.00	\$61.57	\$162.82	\$230.32	\$297.82	\$399.07