



Northeastern Colorado-Dryland Winter Wheat Conventional Till -Fallow Rotation

Estimated Production Costs & Returns

2015

GROSS RECEIPTS FROM PRODUCTION

GROSS RECEIPTS	Unit	Price	Yield	Per Acre	Per BU	YOUR FARM
HARD RED WINTER WHEAT	BU	\$4.89	67.0	\$327.63	\$4.89	
Total Receipts				\$327.63	\$4.89	\$0

DIRECT COSTS

	Unit	Cost/ Unit	Quantity	Cost Per Acre	Cost Per BU	YOUR FARM
<i>OPERATING PREHARVEST</i>						
SEED	DOLS	9.08	1.00	9.08	0.14	
FERTILIZER	DOLS	27.18	1.00	27.18	0.41	
FUNGICIDE	DOLS	16.50	1.00	16.50	0.25	
HERBICIDE	DOLS	9.72	1.00	9.72	0.15	
CUSTOM APPLICATION	DOLS	6.08	1.00	6.08	0.09	
CROP INSURANCE	DOLS	32.00	1.00	32.00	0.48	
FUEL & OIL	DOLS	8.33	1.00	8.33	0.12	
REPAIR & MAINTENANCE	DOLS	9.22	1.00	9.22	0.14	
LABOR	DOLS	2.45	1.00	2.45	0.04	
INTEREST EXPENSE ²	DOLS	4.22	1.00	4.22	0.06	
Total Pre-Harvest Expenses				124.78	1.86	\$0
<i>HARVEST COSTS</i>						
FUEL	DOLS	4.72	1.00	4.72	0.07	
REPAIR & MAINTENANCE	DOLS	3.25	1.00	3.25	0.05	
LABOR	DOLS	1.65	1.00	1.65	0.02	
HAULING ¹	DOLS	13.40	1.00	13.40	0.20	
Total Harvest Costs				23.02	0.34	
Total Operating Costs				147.80	2.21	\$0
<i>PROPERTY & OWNERSHIP COSTS</i>						
MACHINERY OWNERSHIP COSTS	DOLS	46.51	1.00	46.51	0.69	
GENERAL FARM OVERHEAD	DOLS	10.00	1.00	10.00	0.15	
REAL ESTATE TAXES	DOLS	2.39	1.00	2.39	0.04	
Total Property & Ownership Costs				58.90	0.88	\$0
Total Direct Costs				206.70	3.09	\$0
NET RECEIPTS BEFORE FACTOR PAYMENTS				120.93	1.80	\$0
<i>FACTOR PAYMENTS</i>						
Land @ 4% ³				40.00	0.60	
RETURN TO MANAGEMENT & RISK				80.93	1.21	\$0

1 Hauling Machinery & Labor Charges =\$0.20/Brushel

2 Interest on Operating Capital is calculated on 1/2 of pre-harvest operating costs at 7%

3 Includes allocation of fallow acres in the rotation

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

		ALTERNATIVE PRICES				
		\$/BU				
ALTERNATIVE YIELDS		-25%	-10%	\$4.89	+10%	+25%
-25%	50.25	(\$22.41)	\$14.45	\$39.02	\$63.59	\$100.45
-10%	60.30	\$14.45	\$58.68	\$88.17	\$117.65	\$161.88
BUSHELS	67.00	\$39.02	\$88.17	\$120.93	\$153.69	\$202.84
+10%	73.70	\$63.59	\$117.65	\$153.69	\$189.73	\$243.79
+25%	83.75	\$100.45	\$161.88	\$202.84	\$243.79	\$305.22