



Western - Winter Wheat (Dryland)

2016

Estimated Production Costs & Returns

**GROSS RECEIPTS FROM PRODUCTION**

GROSS RECEIPTS	UNIT	PRICE	YIELD	PER ACRE	PER BU	YOUR FARM
Wheat	bu	\$3.00	25	\$75	\$3.00	
Other						
<b>Total Receipts</b>				<b>\$75</b>		<b>\$0</b>

**DIRECT COSTS**

	UNIT	COST PER UNIT	QUANTITY	PER ACRE	PER BU	YOUR FARM
<b>OPERATING PREHARVEST</b>						
Seed	lbs	0.05	40	2.00	0.08	
Fertilizer						
Nitrogen	lbs	0.23	40	9.20	0.37	
Custom Application	acre	7.00	1	7.00	0.28	
Herbicide						
Chemical	dollars	3.50	1	3.50	0.14	
Custom Application	acre	7.00	1	7.00	0.28	
Insecticide						
Chemical	dollars	2.00	1	2.00	0.08	
Custom Application	acre	7.00	1	7.00	0.28	
Crop Insurance (NAP)	dollars	5.00	1	5.00	0.20	
Fuel	dollars	0.00	1	0.00	0.00	
Repairs & Maintenance	dollars	0.00	1	0.00	0.00	
Interest (6 months @ 7.5%)	dollars	1.60	1	1.60	0.06	
<b>Total Pre-Harvest Expenses</b>				<b>\$44.30</b>	<b>\$1.77</b>	<b>\$0.00</b>
<b>HARVEST COSTS</b>						
Custom Harvest	dollars	20.00	1	20.00	0.80	
Custom Harvest over 20 bu	dollars	0.20	5	1.00	0.04	
Hauling	dollars	0.25	25	6.25	0.25	
<b>Total Harvest Costs</b>				<b>\$27.25</b>	<b>\$1.09</b>	<b>\$0.00</b>
<b>Total Operating Costs</b>				<b>\$71.55</b>	<b>\$2.86</b>	<b>\$0.00</b>
<b>PROPERTY &amp; OWNERSHIP COSTS</b>						
General Farm Overhead	dollars	20.00	1	20.00	0.80	
Depreciation	dollars	15.00	1	15.00	0.60	
Real Estate Taxes	dollars	7.53	1	7.53	0.30	
<b>Total Property &amp; Ownership Costs</b>				<b>\$42.53</b>	<b>\$1.70</b>	<b>\$0.00</b>
<b>TOTAL DIRECT COSTS</b>				<b>\$114.08</b>	<b>\$4.56</b>	<b>\$0.00</b>
<b>NET RECEIPTS BEFORE FACTOR PAYMENTS</b>				<b>(\$39.08)</b>	<b>(\$1.56)</b>	<b>\$0.00</b>
<b>FACTOR PAYMENTS</b>						
Land (\$625 @ 4%)				25.00	1.00	
<b>RETURN TO MANAGEMENT &amp; RISK</b>				<b>(\$64.08)</b>	<b>(\$2.56)</b>	<b>\$0.00</b>

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

		ALTERNATIVE PRICES (\$/bu)				
		-25%	-10%	10%	25%	
ALTERNATIVE YIELDS		\$2.25	\$2.70	\$3.00	\$3.30	\$3.75
-25%	18.8	(\$71.89)	(\$63.46)	(\$57.83)	(\$52.21)	(\$43.77)
-10%	22.5	(\$63.46)	(\$53.33)	(\$46.58)	(\$39.83)	(\$29.71)
BU PER ACRE	25.0	(\$57.83)	(\$46.58)	(\$39.08)	(\$31.58)	(\$20.33)
10%	27.5	(\$52.21)	(\$39.83)	(\$31.58)	(\$23.33)	(\$10.96)
25%	31.3	(\$43.77)	(\$29.71)	(\$20.33)	(\$10.96)	\$3.11