



**San Luis Valley - Barley - Sprinkler Irrigated (20 inches)**

**2015**

**Estimated Production Costs & Returns**

<b>GROSS RECEIPTS FROM PRODUCTION</b>						
GROSS RECEIPTS	UNIT	PRICE	YIELD	PER ACRE	PER BU	YOUR FARM
Barley	bu	\$6.48	150	\$972	\$6.48	_____
<b>Total Receipts</b>				<b>\$972</b>		<b>\$0</b>

**DIRECT COSTS**

	UNIT	COST PER UNIT	QUANTITY	PER ACRE	PER BU	YOUR FARM
<b>OPERATING PREHARVEST</b>						
Tillage - Culti-pack	acre	10.00	2	20.00	0.13	_____
Seed (certified)	dollars	16.00	1	16.00	0.11	_____
Seed Custom Application	acre	12.00	1	12.00	0.08	_____
Fertilizer (N)	dollars	100.00	1	100.00	0.67	_____
Custom Application	acre	10.00	1	10.00	0.07	_____
Herbicide	dollars	50.00	1	50.00	0.33	_____
Custom Application	dollars	10.00	1	10.00	0.07	_____
Water Assessment (surface)	dollars	7.52	1	7.52	0.05	_____
Irrigation Energy	dollars	40.00	1	40.00	0.27	_____
Sprinkler Repairs	dollars	50.00	1	50.00	0.33	_____
Crop Insurance	dollars	15.00	1	15.00	0.10	_____
Fuel	dollars	0.00	1	0.00	0.00	_____
Repairs & Maintenance	dollars	0.00	1	0.00	0.00	_____
Labor	dollars	0.00	1	0.00	0.00	_____
Interest (6 months @ 6.0%)	dollars	9.62	1	9.62	0.06	_____
<b>Total Pre-Harvest Expenses</b>				<b>\$340.13</b>	<b>\$1.36</b>	<b>\$0.00</b>
<b>HARVEST COSTS</b>						
Custom Harvest	bu	0.48	150	72.00	0.48	_____
Hauling	bu	0.24	150	36.00	0.24	_____
<b>Total Harvest Costs</b>				<b>\$108.00</b>	<b>\$0.43</b>	<b>\$0.00</b>
<b>Total Operating Costs</b>				<b>\$448.13</b>	<b>\$1.79</b>	<b>\$0.00</b>
<b>PROPERTY &amp; OWNERSHIP COSTS</b>						
General Farm Overhead	dollars	65.00	1	65.00	0.43	_____
Depreciation	dollars	100.00	1	100.00	0.67	_____
Real Estate Taxes	dollars	23.00	1	23.00	0.15	_____
<b>Total Property &amp; Ownership Costs</b>				<b>\$188.00</b>	<b>\$0.75</b>	<b>\$0.00</b>
<b>TOTAL DIRECT COSTS</b>				<b>\$636.13</b>	<b>\$2.54</b>	<b>\$0.00</b>
<b>NET RECEIPTS BEFORE FACTOR PAYMENTS</b>				<b>\$335.87</b>	<b>\$1.34</b>	<b>\$0.00</b>
<b>FACTOR PAYMENTS</b>						
Land (\$6,000 @ 4%)				240.00	1.60	_____
<b>RETURN TO MANAGEMENT &amp; RISK</b>				<b>\$95.87</b>	<b>\$0.64</b>	<b>\$0.00</b>

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

		ALTERNATIVE PRICES (\$/bushel)				
		-25%	-10%	10%	25%	
ALTERNATIVE YIELDS		\$4.86	\$5.83	\$6.48	\$7.13	\$8.10
-25%	112.50	(\$89.38)	\$19.97	\$92.87	\$165.77	\$275.12
-10%	135.00	\$19.97	\$151.19	\$238.67	\$326.15	\$457.37
BUSHEL PER ACRE	150.00	\$92.87	\$238.67	\$335.87	\$433.07	\$578.87
	10%	\$165.77	\$326.15	\$433.07	\$539.99	\$700.37
	25%	\$275.12	\$457.37	\$578.87	\$700.37	\$882.62