



ESTIMATED PRODUCTION COSTS AND RETURNS

San Luis Valley -- Barley - Malting, Irrigated - Pivot

2022

REVENUES

Budget	QUANTITY		PRICE PER UNIT	REVENUES		
	PER ACRE	UNITS		PER BU	PER ACRE	PER CIRCLE
Barley - Malting	150	bushels	\$7.40	7.40	1,110	133,200
Other	0	Units	0.00		200	24,000
Government Payments	0	Field	0.00		0	0
TOTAL REVENUES					1,310	157,200

EXPENSES

	PER BU	PER ACRE	PER CIRCLE
OPERATING EXPENSES (PRE-HARVEST)			
Establishment Charges for Non-Annual Crops	0.00	0	0
Land Preparation	0.40	60	7,200
Seed/ Transplants & Planting	0.33	50	6,000
Fertilizer & Application	0.87	130	15,600
Herbicide & Application	0.17	26	3,120
Insecticide & Application	0.07	10	1,183
Mechanized Weed Control	0.00	0	0
Irrigation	1.81	272	32,600
Irrigation Labor	0.00	0	0
Labor	0.00	0	0
Crop Insurance & Consulting	0.07	11	1,320
Interest on Operating Expenses (@ 5.5%)	0.20	31	3,686
Total Pre-Harvest Expenses	3.93	589	70,709
HARVEST EXPENSES			
Custom Harvest	0.93	140	16,800
Hauling	0.11	16	1,950
Total Harvest Expenses	1.04	156	18,750
TOTAL OPERATING EXPENSES	4.97	745	89,459
FACTOR PAYMENTS			
Land Costs	1.60	240	28,800
Management Charge	0.10	15	1,800
Overhead/Depreciation/RE Taxes/Other Fixed Costs	0.73	109	13,080
Total	2.43	364	43,680
TOTAL COSTS	7.40	1,109	133,139
NET RETURNS	1.34	201	24,061

SENSITIVITY ANALYSIS (budgeted per acre returns over total costs)

	bushels	25% Lower	10% Lower	Actual Price	10% Higher	25% Higher
		\$5.55	\$6.66	\$7.40	8.14	\$9.25
25% Lower	112.50	(285)	(160)	(77)	6	131
10% Lower	135.00	(160)	(10)	90	189	339
Actual Yield	150.00	(77)	90	201	312	478
10% Higher	165.00	6	189	312	434	617
25% Higher	187.50	131	339	478	617	825