

2010 Estimated Production Costs and Returns - Onions Western Colorado

	Unit	Price or Cost/Unit	Quantity	Value or Cost Per Acre	Value or Cost/Unit Production	Your Farm
GROSS RECEIPTS FROM PRODUCTION						
ONIONS	CWT	12.20	380.00	4636.00		
TOTAL RECEIPTS				4636.00	12.20	
DIRECT COSTS						
Operating Costs						
CROP INSURANCE	ACRE	143.00	1	143.00	0.38	
PLOW	ACRE	25.00	1	25.00	0.07	
ROLLER HARROW (3 TIMES)	ACRE	15.00	3	45.00	0.12	
DRY FERTILIZER 11-52-0	LBS	0.25	250	62.50	0.16	
FERTILIZER APPLICATION	ACRE	6.00	2	12.00	0.03	
TANDEM DISC	ACRE	15.00	1	15.00	0.04	
LAND PLANE	ACRE	15.00	1	15.00	0.04	
HERBICIDE	ACRE	110.00	1	110.00	0.29	
HERBICIDE APPLICATION	ACRE	6.00	1	6.00	0.02	
GRASS CONTROL	ACRE	27.20	1	27.20	0.07	
CREASE	ACRE	12.00	1	12.00	0.03	
PLANT	ACRE	15.00	1	15.00	0.04	
SEED	SEEDS	0.0014	130000	182.00	0.48	
HERBICIDE APPLIED	ACRE	44.40	1	44.40	0.12	
INSECTICIDE	ACRE	50.25	5	251.25	0.66	
CULTIVATE (2 TIMES)	ACRE	15.00	2.00	30.00	0.08	
IRRIGATION WATER	ACRE	30.00	1.00	30.00	0.08	
IRRIGATION EXPENSE	ACRE	25.00	1.00	25.00	0.07	
FERTILIZER (32-0-0)	GAL	2.50	60.00	150.00	0.39	
SEASONAL WEEDING (2 TIMES)	ACRE	120.00	2.00	240.00	0.63	
FUNGICIDE	ACRE	31.50	7.00	220.50	0.58	
HARVEST/STORAGE	CWT	3.45	380.00	1311.00	3.45	
HAULING	CWT	0.17	380.00	64.60	0.17	
INTEREST EXPENSE ¹	DOLS			121.46	0.32	
Total Operating Costs				3157.91	8.31	
Property and Ownership Costs						
MACHINERY OWNERSHIP COSTS	DOLS			73.36	0.19	
REAL ESTATE TAXES	DOLS			15.00	0.04	
GENERAL FARM OVERHEAD	DOLS			25.00	0.07	
Total Property and Ownership Costs	DOLS			113.36	0.30	
TOTAL DIRECT COSTS:				3271.27	8.61	
NET RECEIPTS BEFORE FACTOR PAYMENTS				1364.73	3.59	
FACTOR PAYMENTS						
LAND @ 4.00% ³	DOLS			9.00	0.02	
RETURN TO MANAGEMENT AND RISK	DOLS			1355.73	3.57	

¹ Interest on Operating Capital is calculated on 1/2 of pre-harvest operating costs at 8%

² Hauling Machinery & Labor Charges = \$0.17/Cwt

³ Includes allocation of fallow acres in the rotation

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

		ALTERNATIVE PRICES					
		\$/BU					
		-25%	-10%		+10%	+25%	
		\$ 9.15	\$ 10.98	\$ 12.20	\$ 13.42	\$ 15.25	
ALTERNATIVE YIELDS	-25%	285.0	\$ (663.52)	\$ (141.97)	\$ 205.73	\$ 553.43	\$ 1,074.98
	-10%	342.0	\$ (141.97)	\$ 483.89	\$ 901.13	\$ 1,318.37	\$ 1,944.23
BUSHELS		380.0	\$ 205.73	\$ 901.13	\$ 1,364.73	\$ 1,828.33	\$ 2,523.73
	+10%	418.0	\$ 553.43	\$ 1,318.37	\$ 1,828.33	\$ 2,338.29	\$ 3,103.23
	+25%	475.0	\$ 1,074.98	\$ 1,944.23	\$ 2,523.73	\$ 3,103.23	\$ 3,972.48