

2007 Estimated Production Costs and Returns - Flood Irrigated Alfalfa in Southern Colorado

	Unit	Price or Cost/Unit	Quantity	Value or Cost Per Acre	Value or Cost/Unit Production	Your Farm
GROSS RECEIPTS FROM PRODUCTION:						
ALFALFA (Large Square Bales)	TONS	120.00	6.00	720.00		
TOTAL RECEIPTS				720.00	120.00	
DIRECT COSTS						
Operating Preharvest						
FERTILIZER - (11-52-0)	LBS	0.23	200.00	46.00	7.67	
CUSTOM FERTILIZER APPLICATION	ACRE	6.00	1.00	6.00	1.00	
INSECTICIDE - w/Custom Aerial Application	ACRE	18.00	1.00	18.00	3.00	
IRRIGATION LABOR	HR	2.00	10.00	20.00	3.33	
INTEREST EXPENSE	DOLS			4.09	0.68	
Total Preharvest	DOLS			94.09	15.68	
Operating Harvest						
FUEL	DOLS			31.20	5.20	
REPAIR & MAINTENANCE	DOLS			49.09	8.18	
LABOR	DOLS			15.31	1.00	
Total Harvest				95.60	15.93	
Total Operating Costs				189.69	31.62	
Property and Ownership Costs						
MACHINERY OWNERSHIP COSTS	DOLS			114.59	19.10	
Total Property and Ownership Costs	DOLS			114.59	19.10	
TOTAL DIRECT COSTS				304.28	50.71	
NET RECEIPTS BEFORE FACTOR PAYMENTS				415.72	69.29	
FACTOR PAYMENTS						
LAND @ 4.00%	DOLS			0.00	0.00	
RETURN TO MANAGEMENT AND RISK	DOLS			415.72	69.29	

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

		ALTERNATIVE PRICES					
		\$/TON					
		-25%	-10%		+10%	+25%	
		\$ 90.00	\$ 108.00	\$ 120.00	\$ 132.00	\$ 150.00	
ALTERNATIVE YIELDS	-25%	4.5	\$ 100.72	\$ 181.72	\$ 235.72	\$ 289.72	\$ 370.72
	-10%	5.4	\$ 181.72	\$ 278.92	\$ 343.72	\$ 408.52	\$ 505.72
	TONS	6.0	\$ 235.72	\$ 343.72	\$ 415.72	\$ 487.72	\$ 595.72
	+10%	6.6	\$ 289.72	\$ 408.52	\$ 487.72	\$ 566.92	\$ 685.72
	+25%	7.5	\$ 370.72	\$ 505.72	\$ 595.72	\$ 685.72	\$ 820.72