

TABLE B38. Summary of per acre costs and returns for an 80 acre farm, San Juan County, 2001.

	ALFALFA ESTABLISHMENT	ALFALFA HAY	ANNUAL PASTURE EST.	ANNUAL PASTURE	CORN FOR SILAGE
	-----FLOOD-----				
	TONS	TONS		AUMS	TONS
PRIMARY YIELD	2.25	5.40		12.00	24.00
PRIMARY PRICE	116.00	126.00		12.00	28.00
GOVERNMENT PAYMENTS	0.00	0.00		0.00	0.00
SECOND INCOME	10.00	20.00		0.00	0.00
GROSS RETURN	\$271.00	\$700.40		\$144.00	\$672.00
CASH OPERATING EXPENSES					
SEED	\$68.35		\$35.00		\$33.66
FERTILIZER	\$13.50	\$13.50	\$21.40	\$32.00	\$33.75
CHEMICALS		\$16.85			\$15.63
CROP INSURANCE					
OTHER PURCHASED INPUTS	\$7.16	\$17.19	\$0.00	\$0.00	\$0.00
CANAL WATER					
FUEL, OIL & LUBRICANTS-EQUIPMENT	\$14.81	\$11.19	\$11.30	\$1.28	\$19.78
FUEL-IRRIGATION					
REPAIRS	\$7.49	\$4.55	\$6.02	\$0.49	\$9.78
CUSTOM CHARGES					
LAND TAXES	\$2.07	\$2.07		\$2.07	\$2.07
OTHER EXPENSES	\$0.70	\$133.78	\$0.43	\$133.64	\$134.04
TOTAL CASH EXPENSES	\$114.10	\$199.13	\$74.15	\$169.48	\$248.71
RETURN OVER CASH EXPENSES	\$156.90	\$501.27	(\$74.15)	(\$25.48)	\$423.29
FIXED EXPENSES	\$164.56	\$220.85	\$99.49	\$94.75	\$202.54
TOTAL EXPENSES	\$278.66	\$419.98	\$173.65	\$264.23	\$451.25
NET FARM INCOME	(\$7.66)	\$280.42	(\$173.65)	(\$120.23)	\$220.75
LABOR AND MANAGEMENT COSTS	\$79.09	\$110.75	\$44.52	\$61.10	\$127.64
NET OPERATING PROFIT	(\$86.75)	\$169.67	(\$218.17)	(\$181.33)	\$93.11
CAPITAL COSTS					
INTEREST ON OPERATING CAPITAL	\$4.28	\$2.19		\$1.43	\$4.11
INTEREST ON EQUIPMENT INVESTMENT	\$106.59	\$89.26		\$5.58	\$141.13
TOTAL CAPITAL COSTS	\$110.88	\$91.45	\$0.00	\$7.01	\$145.24
RETURN TO LAND AND RISK	(\$197.63)	\$78.21	(\$218.17)	(\$188.33)	(\$52.13)

TABLE C38. Whole farm summary, San Juan County, 2001.

GROSS RETURNS		
OAT HAY	6 ACRES	
CROP		\$1,566
GRAZING		\$60
ALFALFA HAY	34 ACRES	
CROP		\$23,134
GRAZING		\$680
PASTURE	20 ACRES	
GRAZING		\$2,880
CORN FOR SILAGE	20 ACRES	
CROP		\$13,440
GROSS RETURN		\$41,760
CASH OPERATING EXPENSES		
SEED		\$1,118
FERTILIZER		\$1,876
CHEMICALS		\$885
CROP INSURANCE		\$0
OTHER PURCHASED INPUTS		\$628
CANAL WATER		\$0
FUEL, OIL & LUBRICANTS-EQUIPMENT		\$902
FUEL-IRRIGATION		\$0
REPAIRS		\$411
CUSTOM CHARGES		\$0
LAND TAXES		\$166
OTHER EXPENSES		\$9,907
TOTAL CASH EXPENSES		\$15,893
RETURN OVER CASH EXPENSES		\$25,867
FIXED EXPENSES		\$13,131
TOTAL EXPENSES		\$29,024
NET FARM INCOME		\$12,736
LABOR AND MANAGEMENT COSTS		\$8,059
NET OPERATING PROFIT		\$4,677
CAPITAL COSTS		
INTEREST ON OPERATING CAPITAL		\$211
INTEREST ON EQUIPMENT INVESTMENT		\$6,609
TOTAL CAPITAL COSTS		\$6,820
RETURN TO LAND AND RISK		(\$2,143)

LAND VALUE	RETURN TO RISK*	RETURN ON INVESTMENT**
\$1,000 /ACRE	(\$5,343)	3.40%
\$2,500 /ACRE	(\$10,143)	1.82%
\$4,000 /ACRE	(\$14,943)	1.24%
\$5,500 /ACRE	(\$19,743)	0.94%
\$7,000 /ACRE	(\$24,543)	0.76%
\$8,500 /ACRE	(\$29,343)	0.63%

* RETURN TO LAND AND RISK MINUS (INTEREST RATE TIMES LAND VALUE TIMES ACREAGE)

** NET OPERATING PROFIT DIVIDED BY (MACHINERY AND EQUIPMENT VALUE PLUS LAND VALUE)