

TABLE B39. Summary of per acre costs and returns for a 20 acre part-time farm,  
San Juan County, 2001.

	ALFALFA ESTABLISHMENT	ALFALFA HAY -----FLOOD-----	ANNUAL PASTURE EST.	ANNUAL PASTURE
	TONS	TONS		AUMS
PRIMARY YIELD	2.00	5.40		7.00
PRIMARY PRICE	106.00	116.00		12.00
GOVERNMENT PAYMENTS	0.00	0.00		0.00
SECOND INCOME	0.00	14.00		0.00
GROSS RETURN	\$212.00	\$640.40		\$84.00
CASH OPERATING EXPENSES				
SEED	\$68.35		\$37.50	
FERTILIZER	\$13.50	\$13.50	\$21.40	\$32.00
CHEMICALS				
CROP INSURANCE				
OTHER PURCHASED INPUTS	\$0.00	\$0.00	\$0.00	\$0.00
CANAL WATER				
FUEL, OIL & LUBRICANTS-EQUIPMENT	\$15.90	\$13.08	\$14.44	\$2.72
FUEL-IRRIGATION				
REPAIRS	\$1.16	\$1.70	\$0.74	\$0.14
CUSTOM CHARGES	\$65.60	\$177.12		
LAND TAXES	\$2.07	\$2.07		\$2.07
OTHER EXPENSES	\$127.54	\$127.65	\$0.36	\$127.52
TOTAL CASH EXPENSES	\$294.12	\$335.12	\$74.44	\$164.46
RETURN OVER CASH EXPENSES	(\$82.12)	\$305.28	(\$74.44)	(\$80.46)
FIXED EXPENSES	\$74.25	\$165.60	\$41.96	\$82.15
TOTAL EXPENSES	\$368.37	\$500.72	\$116.40	\$246.61
NET FARM INCOME	(\$156.37)	\$139.68	(\$116.40)	(\$162.61)
LABOR AND MANAGEMENT COSTS	\$75.19	\$91.84	\$47.12	\$54.05
NET OPERATING PROFIT	(\$231.56)	\$47.84	(\$163.51)	(\$216.66)
CAPITAL COSTS				
INTEREST ON OPERATING CAPITAL	\$4.35	\$2.02		\$1.45
INTEREST ON EQUIPMENT INVESTMENT	\$28.68	\$37.36		\$4.51
TOTAL CAPITAL COSTS	\$33.03	\$39.38	\$0.00	\$5.96
RETURN TO LAND AND RISK	(\$264.59)	\$8.46	(\$163.51)	(\$222.63)

TABLE C39. Whole farm summary, San Juan County, 2001.

GROSS RETURNS		
OAT HAY	2 ACRES	
CROP		\$318
GRAZING		\$0
ALFALFA HAY	9 ACRES	
CROP		\$5,638
GRAZING		\$126
PASTURE	10 ACRES	
GRAZING		\$840
LIVESTOCK		\$16,584
GROSS RETURN		<u>\$23,506</u>
CASH OPERATING EXPENSES		
FORAGE		\$966
FEED AND LIVESTOCK		\$11,621
SEED		\$121
FERTILIZER		\$472
CHEMICALS		\$0
CROP INSURANCE		\$0
OTHER PURCHASED INPUTS		\$0
CANAL WATER		\$0
FUEL, OIL & LUBRICANTS-EQUIPMENT		\$176
FUEL-IRRIGATION		\$0
REPAIRS		\$19
CUSTOM CHARGES		\$1,692
LAND TAXES		\$43
OTHER EXPENSES		\$3,278
TOTAL CASH EXPENSES		<u>\$18,388</u>
RETURN OVER CASH EXPENSES		\$5,117
FIXED EXPENSES		\$3,106
TOTAL EXPENSES		\$21,494
NET FARM INCOME		\$2,012
LABOR AND MANAGEMENT COSTS		\$2,125
NET OPERATING PROFIT		(\$114)
CAPITAL COSTS		
INTEREST ON OPERATING CAPITAL		\$39
INTEREST ON EQUIPMENT INVESTMENT		\$424
INTEREST ON LIVESTOCK ENTERPRISE		\$2,871
TOTAL CAPITAL COSTS		<u>\$3,335</u>
RETURN TO LAND AND RISK		<u>(\$3,448)</u>

LAND VALUE	RETURN TO RISK*	RETURN ON INVESTMENT**
\$1,000 /ACRE	(\$4,248)	-0.46%
\$2,500 /ACRE	(\$5,448)	-0.21%
\$4,000 /ACRE	(\$6,648)	-0.13%
\$5,500 /ACRE	(\$7,848)	-0.10%
\$7,000 /ACRE	(\$9,048)	-0.08%
\$8,500 /ACRE	(\$10,248)	-0.07%

\* 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)