

TABLE B25. Summary of per acre costs and returns, 50-acre part-time farm, Tularosa Basin, Otero County, 20

	ALFALFA ESTABLISHMENT	ALFALFA HAY	OATS FOR HAY	SORGHUM SUDAN HAY
	-----FLOOD-----			
		TONS	TONS	TONS
PRIMARY YIELD		5.50	3.00	5.00
PRIMARY PRICE		126.00	116.00	96.00
GOVERNMENT PAYMENTS		0.00	0.00	0.00
SECOND INCOME		0.00	0.00	0.00
GROSS RETURN		\$693.00	\$348.00	\$480.00
CASH OPERATING EXPENSES				
SEED	\$87.00		\$23.00	\$52.00
FERTILIZER		\$40.00	\$32.00	\$32.00
CHEMICALS		\$23.41		
CROP INSURANCE				
OTHER PURCHASED INPUTS		\$20.16		
CANAL WATER				
FUEL, OIL & LUBRICANTS-EQUIPMENT	\$11.48	\$10.66	\$13.61	\$8.90
FUEL-IRRIGATION	\$15.46	\$86.94	\$34.78	\$30.91
REPAIRS	\$14.15	\$28.69	\$20.48	\$15.29
CUSTOM CHARGES				
LAND TAXES		\$2.90	\$1.45	\$1.45
OTHER EXPENSES	\$0.40	\$120.24	\$60.24	\$60.14
TOTAL CASH EXPENSES	\$128.50	\$333.01	\$185.56	\$200.69
RETURN OVER CASH EXPENSES	(\$128.50)	\$359.99	\$162.44	\$279.31
FIXED EXPENSES	\$103.19	\$247.41	\$150.63	\$129.45
TOTAL EXPENSES	\$231.68	\$580.41	\$336.19	\$330.14
NET FARM INCOME	(\$231.68)	\$112.59	\$11.81	\$149.86
LABOR AND MANAGEMENT COSTS	\$56.97	\$100.73	\$65.85	\$58.85
NET OPERATING PROFIT	(\$288.65)	\$11.85	(\$54.04)	\$91.01
CAPITAL COSTS				
INTEREST ON OPERATING CAPITAL		\$6.05	\$3.82	\$4.72
INTEREST ON EQUIPMENT INVESTMENT		\$104.59	\$73.29	\$67.44
TOTAL CAPITAL COSTS	\$0.00	\$110.65	\$77.11	\$72.16
RETURN TO LAND AND RISK	(\$288.65)	(\$98.80)	(\$131.15)	\$18.85

TABLE C25. Whole farm summary, Tularosa Basin, Otero County, 2001.

GROSS RETURNS		
ALFALFA HAY CROP	40 ACRES	\$27,720
OATS FOR HAY CROP	5 ACRES	\$1,740
SORGHUM/SUDAN CROP	5 ACRES	\$2,400
GROSS RETURN		\$31,860
CASH OPERATING EXPENSES		
SEED		\$723
FERTILIZER		\$1,920
CHEMICALS		\$937
CROP INSURANCE		\$0
OTHER PURCHASED INPUTS		\$806
CANAL WATER		\$0
FUEL, OIL & LUBRICANTS-EQUIPMENT		\$585
FUEL-IRRIGATION		\$3,868
REPAIRS		\$1,383
CUSTOM CHARGES		\$0
LAND TAXES		\$130
OTHER EXPENSES		\$5,413
TOTAL CASH EXPENSES		\$15,766
RETURN OVER CASH EXPENSES		\$16,094
FIXED EXPENSES		\$9,908
TOTAL EXPENSES		\$25,673
NET FARM INCOME		\$6,187
LABOR AND MANAGEMENT COSTS		\$4,881
NET OPERATING PROFIT		\$1,306
CAPITAL COSTS		
INTEREST ON OPERATING CAPITAL		\$285
INTEREST ON EQUIPMENT INVESTMENT		\$4,887
TOTAL CAPITAL COSTS		\$5,172
RETURN TO LAND AND RISK		(\$3,866)

LAND VALUE	RETURNS TO RISK*	RETURN ON INVESTMENT**
\$700 /ACRE	(\$5,266)	1.41%
\$900 /ACRE	(\$5,666)	1.27%
\$1,100 /ACRE	(\$6,066)	1.16%
\$1,300 /ACRE	(\$6,466)	1.06%
\$1,500 /ACRE	(\$6,866)	0.98%
\$1,700 /ACRE	(\$7,266)	0.92%
\$1,900 /ACRE	(\$7,666)	0.86%
\$2,100 /ACRE	(\$8,066)	0.80%

* 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)