

TABLE B4. Summary of per acre costs and returns, 300 acre farm with above average management, Cibola County, 2001.

	ALFALFA ESTABLISHMENT	ALFALFA HAY	PERMANENT PASTURE EST.	PERMANENT PASTURE FLOOD	WHEAT FOR GRAIN	SWEET CORN
	TONS	TONS		AUMS	BU	DOZ
PRIMARY YIELD	3.50	3.50		6.00	40.00	700.00
PRIMARY PRICE	86.00	126.00		12.00	4.33	2.00
GOVERNMENT PAYMENTS	0.00	0.00		0.00	0.00	0.00
SECOND INCOME	0.00	10.00		0.00	122.00	0.00
GROSS RETURN	\$301.00	\$451.00		\$72.00	\$295.20	\$1,400.00
CASH OPERATING EXPENSES						
SEED	\$64.90		\$37.50		\$12.80	\$112.50
FERTILIZER		\$12.00				\$51.90
CHEMICALS		\$1.50				\$45.64
CROP INSURANCE					\$0.00	
OTHER PURCHASED INPUTS		\$11.14			\$5.31	
CANAL WATER	\$9.00	\$9.00	\$9.00	\$9.00	\$9.00	\$9.00
FUEL, OIL & LUBRICANTS-EQUIPMENT	\$13.13	\$9.90	\$9.06	\$0.00	\$14.46	\$55.96
FUEL-IRRIGATION						
REPAIRS	\$8.26	\$8.05	\$4.97	\$0.00	\$8.37	\$22.65
CUSTOM CHARGES					\$24.17	
LAND TAXES	\$0.34	\$0.34	\$0.34	\$0.34	\$0.34	\$0.34
OTHER EXPENSES	\$69.45	\$69.57	\$0.32	\$69.30	\$69.52	\$73.51
TOTAL CASH EXPENSES	\$165.07	\$121.50	\$61.19	\$78.63	\$143.96	\$371.50
RETURN OVER CASH EXPENSES	\$135.93	\$329.50	(\$61.19)	(\$6.63)	\$151.24	\$1,028.50
FIXED EXPENSES	\$34.86	\$31.62	\$21.50	\$13.86	\$30.58	\$362.85
TOTAL EXPENSES	\$199.94	\$153.12	\$82.69	\$92.49	\$174.55	\$734.35
NET FARM INCOME	\$101.06	\$297.88	(\$82.69)	(\$20.49)	\$120.65	\$665.65
LABOR AND MANAGEMENT COSTS	\$43.91	\$69.81	\$30.23	\$22.73	\$55.24	\$392.34
NET OPERATING PROFIT	\$57.16	\$228.07	(\$112.92)	(\$43.22)	\$65.42	\$273.32
CAPITAL COSTS						
INTEREST ON OPERATING CAPITAL	\$3.60	\$1.61		\$0.39	\$1.78	\$10.42
INTEREST ON EQUIPMENT INVESTMENT	\$35.02	\$28.16		\$0.00	\$32.52	\$192.48
TOTAL CAPITAL COSTS	\$38.62	\$29.77	\$0.00	\$0.39	\$34.31	\$202.90
RETURN TO LAND AND RISK	\$18.54	\$198.31	(\$112.92)	(\$43.61)	\$31.11	\$70.42

TABLE C4. Whole farm summary, Cibola County, 2001.

GROSS RETURNS		
ALFALFA HAY	200 ACRES	
CROP		\$88,200
GRAZING		\$2,000
PASTURE	40 ACRES	
GRAZING		\$2,880
WHEAT FOR GRAIN	20 ACRES	
CROP		\$3,464
GRAZING		\$440
STRAW		\$2,000
SWEET CORN	8 ACRES	
CROP		\$11,200
GROSS RETURN		\$110,184
CASH OPERATING EXPENSES		
SEED		\$2,854
FERTILIZER		\$2,815
CHEMICALS		\$665
CROP INSURANCE		\$0
OTHER PURCHASED INPUTS		\$2,335
CANAL WATER		\$2,655
FUEL, OIL & LUBRICANTS-EQUIPMENT		\$3,062
FUEL-IRRIGATION		\$0
REPAIRS		\$2,174
CUSTOM CHARGES		\$483
LAND TAXES		\$99
OTHER EXPENSES		\$20,402
TOTAL CASH EXPENSES		\$37,545
RETURN OVER CASH EXPENSES		\$72,639
FIXED EXPENSES		\$11,081
TOTAL EXPENSES		\$48,626
NET FARM INCOME		\$61,558
LABOR AND MANAGEMENT COSTS		\$20,273
NET OPERATING PROFIT		\$41,285
CAPITAL COSTS		
INTEREST ON OPERATING CAPITAL		\$547
INTEREST ON EQUIPMENT INVESTMENT		\$8,697
TOTAL CAPITAL COSTS		\$9,243
RETURN TO LAND AND RISK		\$32,041

LAND VALUE	RETURN TO RISK*	RETURN ON INVESTMENT**
\$1,000 /ACRE	\$20,041	10.63%
\$2,000 /ACRE	\$8,041	6.00%
\$3,000 /ACRE	(\$3,959)	4.18%
\$4,000 /ACRE	(\$15,959)	3.20%
\$5,000 /ACRE	(\$27,959)	2.60%

\* 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)