

TABLE B42. Summary of per acre costs and returns for a 160 acre part-time, flood-irrigated farm, Estancia Basin, New Mexico, 2001.

	ALFALFA ESTABLISHMENT	ALFALFA HAY	CORN FOR GRAIN	PINTO BEANS
		TONS	BU	CWT
PRIMARY YIELD		5.25	160.00	18.00
PRIMARY PRICE		116.00	2.40	33.00
GOVERNMENT PAYMENTS		0.00	43.04	0.00
SECOND INCOME		10.00	12.00	0.00
GROSS RETURN		\$619.00	\$439.04	\$594.00
CASH OPERATING EXPENSES				
SEED	\$58.00		\$28.05	\$25.80
FERTILIZER		\$43.94	\$49.60	
CHEMICALS		\$22.60	\$33.18	\$28.16
CROP INSURANCE			\$0.98	
OTHER PURCHASED INPUTS		\$16.71		
CANAL WATER				
FUEL, OIL & LUBRICANTS-EQUIPMENT	\$7.56	\$8.53	\$15.41	\$15.63
FUEL-IRRIGATION	\$8.31	\$58.19	\$49.87	\$24.94
REPAIRS	\$5.70	\$11.91	\$15.20	\$11.82
CUSTOM CHARGES				\$54.00
LAND TAXES		\$0.88	\$0.88	\$0.88
OTHER EXPENSES	\$0.15	\$67.74	\$67.80	\$67.71
TOTAL CASH EXPENSES	\$79.72	\$230.50	\$260.97	\$228.93
RETURN OVER CASH EXPENSES	(\$79.72)	\$388.50	\$178.07	\$365.07
FIXED EXPENSES	\$90.18	\$137.74	\$94.24	\$56.16
TOTAL EXPENSES	\$169.91	\$368.24	\$355.21	\$285.09
NET FARM INCOME	(\$169.91)	\$250.76	\$83.83	\$308.91
LABOR AND MANAGEMENT COSTS	\$26.14	\$64.85	\$67.67	\$62.07
NET OPERATING PROFIT	(\$196.04)	\$185.91	\$16.16	\$246.84
CAPITAL COSTS				
INTEREST ON OPERATING CAPITAL		\$5.40	\$6.46	\$3.73
INTEREST ON EQUIPMENT INVESTMENT		\$63.41	\$55.71	\$41.28
TOTAL CAPITAL COSTS	\$0.00	\$68.81	\$62.17	\$45.02
RETURN TO LAND AND RISK	(\$196.04)	\$117.10	(\$46.01)	\$201.82

TABLE C42. Whole farm summary, Estancia Basin, 2001.

GROSS RETURNS		
ALFALFA HAY	40 ACRES	
CROP		\$24,360
GRAZING		\$400
CORN FOR GRAIN	51 ACRES	
CROP		\$19,584
GRAZING		\$612
ASCS DEFICIENCY		\$1,808
PINTO BEANS	59 ACRES	
CROP		\$35,046
GROSS RETURN		\$81,810
CASH OPERATING EXPENSES		
SEED		\$3,417
FERTILIZER		\$4,287
CHEMICALS		\$4,258
CROP INSURANCE		\$50
OTHER PURCHASED INPUTS		\$669
CANAL WATER		\$0
FUEL, OIL & LUBRICANTS-EQUIPMENT		\$2,110
FUEL-IRRIGATION		\$6,409
REPAIRS		\$1,994
CUSTOM CHARGES		\$3,186
LAND TAXES		\$132
OTHER EXPENSES		\$10,163
TOTAL CASH EXPENSES		\$36,674
RETURN OVER CASH EXPENSES		\$45,136
FIXED EXPENSES		\$12,782
TOTAL EXPENSES		\$49,456
NET FARM INCOME		\$32,354
LABOR AND MANAGEMENT COSTS		\$9,916
NET OPERATING PROFIT		\$22,437
CAPITAL COSTS		
INTEREST ON OPERATING CAPITAL		\$766
INTEREST ON EQUIPMENT INVESTMENT		\$7,813
TOTAL CAPITAL COSTS		\$8,579
RETURN TO LAND AND RISK		\$13,858

LAND VALUE	RETURN TO RISK*	RETURN ON INVESTMENT**
\$750 /ACRE	\$9,058	10.81%
\$1,000 /ACRE	\$7,458	9.06%
\$1,250 /ACRE	\$5,858	7.80%
\$1,500 /ACRE	\$4,258	6.85%

* 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)