

TABLE B43. Summary of per acre costs and returns for a 900 acre farm with above average management, Estancia Basin, New Mexico, 2001.

	ALFALFA ESTABLISHMENT -----Sprinkler-----	ALFALFA HAY	WHEAT	CORN FOR GRAIN	CORN FOR SILAGE -----Flood-----	PINTO BEANS
	TONS	BU	BU	TONS	CWT	
PRIMARY YIELD	5.25	40.00	160.00	20.00	18.00	
PRIMARY PRICE	126.00	2.60	2.40	26.00	28.00	
GOVERNMENT PAYMENTS	0.00	18.96	43.04	0.00	0.00	
SECOND INCOME	10.00	40.00	12.00	0.00	0.00	
GROSS RETURN	\$671.50	\$162.96	\$439.04	\$520.00	\$504.00	
CASH OPERATING EXPENSES						
SEED	\$58.00		\$16.00	\$28.05	\$28.05	\$25.80
FERTILIZER		\$27.60	\$39.42	\$57.74	\$57.74	\$19.56
CHEMICALS		\$22.60		\$44.28	\$41.23	\$31.84
CROP INSURANCE			\$0.74	\$0.29		
OTHER PURCHASED INPUTS		\$4.02				
CANAL WATER						
FUEL, OIL & LUBRICANTS-EQUIPMENT	\$8.46	\$37.17	\$13.13	\$18.32	\$15.95	\$15.99
FUEL-IRRIGATION	\$8.04	\$88.39	\$30.13	\$56.25	\$60.05	\$24.02
REPAIRS	\$7.95	\$58.37	\$16.67	\$31.32	\$27.52	\$15.20
CUSTOM CHARGES			\$0.00	\$0.00	\$0.00	
LAND TAXES		\$0.88	\$0.88	\$0.88	\$0.88	\$0.88
OTHER EXPENSES	\$0.15	\$29.20	\$29.12	\$29.21	\$29.37	\$29.21
TOTAL CASH EXPENSES	\$82.59	\$268.22	\$146.10	\$266.33	\$260.78	\$162.50
RETURN OVER CASH EXPENSES	(\$82.59)	\$403.28	\$16.86	\$172.71	\$259.22	\$341.50
FIXED EXPENSES	\$20.93	\$128.57	\$40.93	\$56.75	\$44.76	\$33.55
TOTAL EXPENSES	\$103.52	\$396.78	\$187.03	\$323.08	\$305.55	\$196.05
NET FARM INCOME	(\$103.52)	\$274.72	(\$24.07)	\$115.96	\$214.45	\$307.95
LABOR AND MANAGEMENT COSTS	\$18.82	\$78.03	\$42.41	\$63.97	\$79.15	\$70.06
NET OPERATING PROFIT	(\$122.34)	\$196.69	(\$66.48)	\$51.99	\$135.31	\$237.89
CAPITAL COSTS						
INTEREST ON OPERATING CAPITAL		\$5.36	\$3.61	\$7.83	\$7.52	\$4.47
INTEREST ON EQUIPMENT INVESTMENT		\$10.30	\$14.78	\$18.70	\$22.93	\$19.62
TOTAL CAPITAL COSTS	\$0.00	\$15.66	\$18.39	\$26.53	\$30.46	\$24.09
RETURN TO LAND AND RISK	(\$122.34)	\$181.03	(\$84.87)	\$25.47	\$104.85	\$213.81

TABLE C43. Whole farm summary, Estancia Basin, 2001.

GROSS RETURNS		
ALFALFA HAY	320 ACRES	
CROP		\$211,680
GRAZING		\$3,200
WHEAT	68 ACRES	
CROP		\$7,072
GRAZING		\$2,720
ASCS DEFICIENCY		\$1,289
ASCS DIVERSION		\$0
CORN FOR GRAIN	170 ACRES	
CROP		\$65,280
GRAZING		\$2,040
ASCS DEFICIENCY		\$5,767
CORN FOR SILAGE	160 ACRES	
CROP		\$83,200
PINTO BEANS	80 ACRES	
CROP		\$40,320
GROSS RETURN		\$422,569
CASH OPERATING EXPENSES		
SEED		\$16,119
FERTILIZER		\$32,132
CHEMICALS		\$23,902
CROP INSURANCE		\$100
OTHER PURCHASED INPUTS		\$1,285
CANAL WATER		\$0
FUEL, OIL & LUBRICANTS-EQUIPMENT		\$20,273
FUEL-IRRIGATION		\$51,940
REPAIRS		\$31,263
CUSTOM CHARGES		\$0
LAND TAXES		\$702
OTHER EXPENSES		\$23,336
TOTAL CASH EXPENSES		\$201,052
RETURN OVER CASH EXPENSES		\$221,517
FIXED EXPENSES		\$56,927
TOTAL EXPENSES		\$257,979
NET FARM INCOME		\$164,590
LABOR AND MANAGEMENT COSTS		\$58,200
NET OPERATING PROFIT		\$106,390
CAPITAL COSTS		
INTEREST ON OPERATING CAPITAL		\$4,853
INTEREST ON EQUIPMENT INVESTMENT		\$12,717
TOTAL CAPITAL COSTS		\$17,570
RETURN TO LAND AND RISK		\$88,819

LAND VALUE	RETURN TO RISK*	RETURN ON INVESTMENT**
\$750 /ACRE	\$61,819	9.83%
\$1,000 /ACRE	\$52,819	8.14%
\$1,250 /ACRE	\$43,819	6.94%
\$1,500 /ACRE	\$34,819	6.05%

* 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)