

TABLE 13. Summary of per acre costs and returns for a 500 acre farm with above average management, Artesia-Lake Arthur area,  
Projected 2019

	ALFALFA ESTABLISHMENT	ALFALFA HAY	BARLEY	OAT HAY	PICKER COTTON	STRIPPER COTTON	RED CHILE
		TONS	CWT	TONS	LBS	LBS	LBS
PRIMARY YIELD		5.60	35.00	3.50	700.00	700.00	3200.00
PRIMARY PRICE		\$185.00	\$6.22	\$150.00	\$0.73	\$0.68	\$0.60
GOVERNMENT PAYMENTS		\$0.00	\$0.00	\$0.00	\$256.90	\$256.90	\$0.00
SECOND INCOME		\$40.00	\$40.00	\$0.00	\$84.00	\$84.00	\$0.00
GROSS RETURN		\$1,076.00	\$257.70	\$525.00	\$851.90	\$816.90	\$1,920.00
CASH OPERATING EXPENSES							
SEED	\$61.00		\$49.50	\$34.00	\$121.50	\$162.00	\$144.00
FERTILIZER		\$42.00	\$63.00	\$25.50	\$4.80	\$4.80	\$84.70
CHEMICALS	\$32.40	\$86.41	\$20.01		\$117.72	\$83.76	\$75.47
CROP INSURANCE			\$2.94		\$0.53	\$0.74	\$20.00
OTHER PURCHASED INPUTS		\$52.73					
CANAL WATER							
FUEL, OIL & LUBRICANTS-EQUIPMENT	\$44.06	\$46.04	\$20.18	\$34.10	\$70.83	\$66.12	\$65.88
FUEL-IRRIGATION	\$7.02	\$43.87	\$24.57	\$24.57	\$26.32	\$26.32	\$42.12
REPAIRS	\$12.37	\$28.37	\$10.67	\$16.35	\$30.21	\$21.80	\$23.86
CUSTOM CHARGES			\$24.91		\$124.30	\$154.89	\$801.00
LAND TAXES		\$1.79	\$1.79	\$1.79	\$1.79	\$1.79	\$1.79
OTHER EXPENSES	\$0.02	\$67.13	\$67.11	\$67.12	\$67.13	\$67.13	\$67.14
TOTAL CASH EXPENSES	\$156.86	\$368.35	\$284.67	\$203.41	\$565.14	\$589.35	\$1,325.96
RETURN OVER CASH EXPENSES	(\$156.86)	\$707.65	(\$26.97)	\$321.59	\$286.76	\$227.55	\$594.04
FIXED EXPENSES	\$30.70	\$95.67	\$19.27	\$26.56	\$183.50	\$100.21	\$48.69
TOTAL EXPENSES	\$187.57	\$464.02	\$303.94	\$229.97	\$748.63	\$689.56	\$1,374.65
NET FARM INCOME	(\$187.57)	\$611.98	(\$46.24)	\$295.03	\$103.27	\$127.34	\$545.35
LABOR AND MANAGEMENT COSTS	\$46.59	\$137.53	\$46.09	\$72.34	\$124.50	\$117.93	\$210.66
NET OPERATING PROFIT	(\$234.15)	\$474.45	(\$92.33)	\$222.68	(\$21.23)	\$9.42	\$334.70
CAPITAL COSTS							
INTEREST ON OPERATING CAPITAL		\$8.19	\$6.27	\$3.45	\$11.11	\$11.28	\$14.34
INTEREST ON EQUIPMENT INVESTMENT		\$20.88	\$8.29	\$13.79	\$98.34	\$54.86	\$25.37
TOTAL CAPITAL COSTS	\$0.00	\$29.07	\$14.56	\$17.25	\$109.45	\$66.14	\$39.71
RETURN TO LAND AND RISK	(\$234.15)	\$445.38	(\$106.89)	\$205.43	(\$130.68)	(\$56.72)	\$294.99