

Table 14. Whole Farm Summary, Arch Hurley Conservancy District,  
Quay Cot 2,004

GROSS RETURNS			
ALFALFA HAY	100.00 ACRES		
CROP		36,240.00	
GRAZING		3,200	
WHEAT	128.00 ACRES		
CROP		12,000.00	
GRAZING		6,144.00	
DIRECT PAYMENT		1,414.40	
COUNTER CYCLICAL PAYMENT		0.00	
GRAIN SORGHUM	165.00 ACRES		
CROP		17,953.65	
GRAZING		5,280.00	
DIRECT PAYMENT		2,025.00	
COUNTER CYCLICAL PAYMENT		0.00	
BERMUDAGRASS	100.00 ACRES		
CROP		14,000.00	
JOSE WHEATGRASS	100.00 ACRES		
CROP		16,800.00	
COUNTER CYCLIC	7.50 ACRES	747	
LIVESTOCK		173,202.62	
GROSS RETURN			<u>289,007</u>
CASH OPERATING EXPENSES			
FORAGE		42,147	
FEED AND LIVESTOCK		14,906	
SEED		4,311.61	
FERTILIZER		23,931.36	
CHEMICALS		4,564.17	
CROP INSURANCE		100.00	
OTHER PURCHASED INPUTS		5,656.20	
CANAL WATER		9,397.00	
FUEL, OIL & LUBRICANTS-EQUIPMENT		10,651.72	
FUEL-IRRIGATION		0.00	
REPAIRS		5,604.08	
CUSTOM CHARGES		0.00	
LAND TAXES		88.95	
OTHER EXPENSES		25,701.84	
TOTAL CASH EXPENSES		<u>147,060</u>	
RETURN OVER CASH EXPENSES			141,946.45
FIXED EXPENSES		20,394.95	
TOTAL EXPENSES		<u>167,455.28</u>	
NET FARM INCOME			121,551.51
LABOR AND MANAGEMENT COSTS		8,381.20	
NET OPERATING PROFIT			113,170.31
CAPITAL COSTS			
INTEREST ON OPERATING CAPITAL		0.00	
INTEREST ON EQUIPMENT INVESTMENT		0.00	
INTEREST ON LIVESTOCK ENTERPRISE		31,728.80	
TOTAL CAPITAL COSTS		<u>31,729</u>	
RETURN TO LAND AND RISK			<u>81,441.51</u>

LAND VALUE	TOTAL INVESTMENT	RETURN TO RISK*	RETURN ON INVESTMENT**
200.00 /ACRE	#####	81,441.51	0.20
300.00 /ACRE	#####	81,441.51	0.18
400.00 /ACRE	#####	81,441.51	0.16
500.00 /ACRE	#####	81,441.51	0.15
600.00 /ACRE	#####	81,441.51	0.14
700.00 /ACRE	#####	81,441.51	0.13
800.00 /ACRE	#####	81,441.51	0.12
900.00 /ACRE	#####	81,441.51	0.11
1,000.00 /ACRE	#####	81,441.51	0.11
1,100.00 /ACRE	#####	81,441.51	0.10
1,200.00 /ACRE	#####	81,441.51	0.09

\* RETURN TO LAND AND RISK MINUS (INTEREST RATE TIMES LAND VALUE TIMES ACREAGE)

\*\* NET OPERATING PROFIT DIVIDED BY (MACHINERY AND EQUIPMENT VALUE PLUS LIVESTOCK AND LIVESTOCK RESOURCES PLUS LAND VALUE)

Table 13. Summary of per acre costs and returns for an above-average managed farm, Arch Hurley  
 Conservancy District, Quay Cou 2,004

	ASCD DIVERTED	ALFALFA EST.	ALFALFA HAY	WHEAT	GRAIN SORGHUM FLOOD	BERMUDA PASTURE	JOSE EST.	WHEAT PASTURE	GRASS PASTURE
PRIMARY YIELD	8.30		3.00	25.00	27.00	10.00		14.00	
PRIMARY PRICE	12.00		130.00	3.75	4.03	14.00		12.00	
GOVERNMENT PAYMENTS	0.00		0.00	11.05	16.88	0.00		0.00	
SECOND INCOME	0.00		32.00	48.00	32.00	0.00		0.00	
GROSS RETURN	99.62		422.00	152.80	157.69	140.00		168.00	
CASH OPERATING EXPENSES									
SEED	14.40	55.28		14.40	8.61		0.00		
FERTILIZER	46.50	30.60	22.60	42.20	42.20	38.20	30.60	42.20	
CHEMICALS				15.07	15.97				
CROP INSURANCE				0.39	0.30				
OTHER PURCHASED INPUTS			56.56						
CANAL WATER	10.00	4.00	18.00	14.00	14.00	15.00	4.00	18.00	
FUEL, OIL & LUBRICANTS-EQUIPMENT	17.76	13.55	28.28	21.94	25.19	1.55	14.33	1.55	
FUEL-IRRIGATION									
REPAIRS	7.92	6.12	14.99	11.34	13.68	0.74	6.42	0.74	
CUSTOM CHARGES			0.00	0.00	0.00				
LAND TAXES			0.15	0.15	0.15	0.15		0.15	
OTHER EXPENSES	0.00	0.00	35.27	35.26	35.26	35.26	0.00	35.26	
TOTAL CASH EXPENSES	96.58	109.55	175.84	154.75	155.37	90.91	55.35	97.91	
RETURN OVER CASH EXPENSES	3.03	-109.55	246.16	-1.95	2.31	49.09	-55.35	70.09	
FIXED EXPENSES	19.32	15.21	116.77	40.96	50.60	1.57	15.67	23.70	
TOTAL EXPENSES	115.90	124.77	292.61	195.71	205.97	92.48	71.01	121.61	
NET FARM INCOME	-16.29	-124.77	129.39	-42.91	-48.28	47.52	-71.01	46.39	
LABOR AND MANAGEMENT COSTS	24.91	309.40	679.71	553.46	504.13	244.92	260.84	502.55	
NET OPERATING PROFIT	-41.20	-434.16	-550.32	-596.37	-552.42	-197.41	-331.85	-456.15	
CAPITAL COSTS									
INTEREST ON OPERATING CAPITAL	0.00		0.00	0.00	0.00	0.00		0.00	
INTEREST ON EQUIPMENT INVESTMENT	0.00		0.00	0.00	0.00	0.00		0.00	
ASCS ACR (SET ASIDE)				4.12	4.12				
TOTAL CAPITAL COSTS	0.00	0.00	0.00	4.12	4.12	0.00	0.00	0.00	
RETURN TO LAND AND RISK	-41.20	-434.16	-550.32	-600.49	-556.54	-197.41	-331.85	-456.15	