

TABLE B45. Summary of per acre costs and returns for a 1,280 acre farm with above average management, Union County, 2001.

	WHEAT ----SPRINKLER----	CORN FOR GRAIN	GRAIN SORGHUM	HAYGRAZER & MILLET -DRYLAND-
	BU	BU	CWT	TONS
PRIMAR YIELD	65.00	195.00	38.00	1.50
PRIMARY PRICE	2.60	2.40	3.75	96.00
GOVERNMENT PAYMENTS	30.81	52.46	22.04	0.00
SECOND INCOME	37.50	20.00	5.00	0.00
GROSS RETURN	\$237.31	\$540.46	\$169.54	\$144.00
CASH OPERATING EXPENSES				
SEED	\$16.00	\$29.17	\$5.55	\$2.28
FERTILIZER	\$21.60	\$125.90	\$63.00	
CHEMICALS		\$87.50	\$27.50	\$14.45
CROP INSURANCE	\$0.08	\$0.28	\$0.19	
OTHER PURCHASED INPUTS				\$3.33
CANAL WATER				
FUEL, OIL & LUBRICANTS-EQUIPMENT	\$7.45	\$12.85	\$9.60	\$4.52
FUEL-IRRIGATION	\$28.80	\$89.02	\$31.42	
REPAIRS	\$15.39	\$38.31	\$17.49	\$4.51
CUSTOM CHARGES				\$0.00
LAND TAXES	\$0.28	\$0.28	\$0.28	\$0.28
OTHER EXPENSES	\$27.03	\$27.24	\$27.07	\$5.46
TOTAL CASH EXPENSES	\$116.64	\$410.55	\$182.09	\$34.83
RETURN OVER CASH EXPENSES	\$120.67	\$129.91	(\$12.55)	\$109.17
FIXED EXPENSES	\$39.82	\$91.55	\$51.32	\$20.12
TOTAL EXPENSES	\$156.46	\$502.10	\$233.41	\$54.95
NET FARM INCOME	\$80.85	\$38.36	(\$63.87)	\$89.05
LABOR AND MANAGEMENT COSTS	\$31.50	\$67.88	\$29.07	\$16.97
NET OPERATING PROFIT	\$49.35	(\$29.52)	(\$92.94)	\$72.08
CAPITAL COSTS				
INTEREST ON OPERATING CAPITAL	\$2.66	\$14.04	\$5.39	\$1.03
INTEREST ON EQUIPMENT INVESTMENT	\$15.87	\$36.54	\$22.38	\$15.40
TOTAL CAPITAL COSTS	\$18.53	\$50.58	\$27.77	\$16.42
RETURN TO LAND AND RISK	\$30.82	(\$80.10)	(\$120.70)	\$55.66

TABLE C45. Whole farm summary, Union County, 2001.

GROSS RETURNS		
WHEAT	604 ACRES	
CROP		\$102,034
GRAZING		\$22,641
ASCS DEFICIENCY		\$13,749
ASCS DIVERSION		\$0
CORN FOR GRAIN	179 ACRES	
CROP		\$83,538
GRAZING		\$3,570
ASCS DEFICIENCY		\$9,363
ASCS DIVERSION		\$0
GRAIN SORGHUM	268 ACRES	
CROP		\$38,154
GRAZING		\$1,339
ASCS DEFICIENCY		\$5,901
ASCS DIVERSION		\$0
HAYGRAZER/MILLET	190 ACRES	
CROP		\$27,360
GROSS RETURN		<u>\$307,649</u>
CASH OPERATING EXPENSES		
SEED		\$16,786
FERTILIZER		\$52,382
CHEMICALS		\$25,726
CROP INSURANCE		\$150
OTHER PURCHASED INPUTS		\$633
CANAL WATER		\$0
FUEL, OIL & LUBRICANTS-EQUIPMENT		\$10,222
FUEL-IRRIGATION		\$41,690
REPAIRS		\$21,670
CUSTOM CHARGES		\$0
LAND TAXES		\$345
OTHER EXPENSES		\$29,468
TOTAL CASH EXPENSES		<u>\$199,073</u>
RETURN OVER CASH EXPENSES		\$108,576
FIXED EXPENSES		\$57,947
TOTAL EXPENSES		\$257,020
NET FARM INCOME		\$50,629
LABOR AND MANAGEMENT COSTS		\$42,144
NET OPERATING PROFIT		\$8,485
CAPITAL COSTS		
INTEREST ON OPERATING CAPITAL		\$5,750
INTEREST ON EQUIPMENT INVESTMENT		\$25,019
TOTAL CAPITAL COSTS		<u>\$30,768</u>
RETURN TO LAND AND RISK		<u>(\$22,284)</u>

LAND VALUE	RETURN TO RISK*	RETURN ON INVESTMENT**
\$500 /ACRE	(\$47,884)	0.83%
\$750 /ACRE	(\$60,684)	0.63%
\$1,000 /ACRE	(\$73,484)	0.51%
\$1,250 /ACRE	(\$86,284)	0.43%
\$1,500 /ACRE	(\$99,084)	0.37%

\* 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)