

TABLE 1. Basic cost information for Valencia and Southern Bernalillo Counties, 2003.

Item			
Labor Wage Rate:	\$/hour		\$5.15
Purchased Inputs:			
Fertilizer:			
Nitrogen (N)	\$/pound		\$0.36
Phosphate (P205)	\$/pound		\$0.33
Anhydrous Ammonia (NH3)	\$/ton		\$310.00
Seed:			
Alfalfa	\$/pound		\$3.00
Oats	\$/pound		\$0.40
Corn	\$/bag		\$89.75
Sorghum	\$/pound		\$1.20
Baling Wire	\$/pound		\$0.39
Canal water	\$/acre		\$30.00
Energy:			
Butane	\$/gallon		\$1.21
Diesel fuel	\$/gallon		\$1.30
Gasoline	\$/gallon		\$1.35
Electricity	Cents/KwH r		8.42
Natural Gas	\$/MCF		\$3.28
Employee Liability Insurance	\$/(\$1,000 wages)		\$20.00
Employee Benefits	percent/w ages		18.00%
Labor Downtime	percent		25.00%
Financial Rates:			
Operating Capital Interest Rate	percent		8.00%
Land Interest Rate	percent		7.00%
Equipment Interest Rate	percent		8.00%
Real Interest Rate	percent		4.00%
Land Taxes	\$483.00 /acre (full value)		\$5.24
Personal Property Tax Rate - NR	\$/(\$1,000 (Assessed Value)		\$32.52
- R			\$25.93
Supervision Factors			
Irrigation	\$/labor hour		\$1.00
Equipment & General	\$/labor hour		\$0.50
Management Rate	percent		7.00%

BUDGET AREA..... VALENCIA & SOUTHERN BERNALILLO COUNTIES, 2003.
 FARM SIZE..... 100 ACRES
 IRRIGATION TYPE.. FLOOD
 NUMBER OF CROPS.. 4

ACREAGE SUMMARY:	WATER USE		
	LAND USE (ACRES)	AC.IN. PER AC.	TOTAL AC.IN.
ALFALFA ESTABLISHMENT	12 *	12	144
ALFALFA	71	44	3,124
SMALL GRAIN HAY	10	24	240
SORGHUM HAY	10 *	24	240
CORN SILAGE	10	42	420
ROADS, HOMESTEAD	9		
TOTAL	100		4,168
ACRE FEET PER ACRE OF WATER RIGHTS			3.47

* DOUBLE-CROPPED

TABLE 1a. Overhead cost information for Valencia and Southern Bernalillo Counties, 2003.

ITEM			
Electricity (Domestic & Shop)		\$125.00 per month	\$1,500
Telephone		\$85.00 per month	\$1,020
Accounting & Legal			\$525
Misc. Supplies & Hand Tools			\$530
Pickup and Auto			
miles	10,300 @	\$0.365 per mile	\$3,760
Insurance			
- general liability (non-employee)			\$1,110
- fire/theft			\$740
Property Taxes			
- non-planted land			\$78
- other than land & machinery			\$325
Building repairs and maintenance			\$555
Dues, fees, publications			\$300
Farmstead Equipment			\$180
		Total	\$10,623
		Total per planted acre	\$116.74

TABLE 2. Equipment summary for a 100 acre farm with above average management, Valencia and Southern Bernalillo Counties, 2003.

EQUIPMENT		VARIABLE COSTS						FIXED COSTS		
ITEM & SIZE	ANNUAL HOURS OF USE	NUMBER	TOTAL VALUE	FUEL AND LUBRICANT	REPAIR	FUEL, LUBE PER HR	REPAIR PER HR	DEPRECIATION	TAXES	TOTAL PER HOUR
TRACTOR 50 HP	79	1	\$8,320	\$400	\$157	\$5.05	\$1.98	\$1,100	\$119	\$15.39
TRACTOR 95 HP	41	1	\$19,240	\$397	\$53	\$9.59	\$1.29	\$1,430	\$233	\$40.15
BALER, PTO 2-WIRE	66	1	\$1,500		\$66		\$1.00	\$385	\$42	\$6.47
CULTIVATOR 4-ROW	4	1	\$1,500		\$8		\$1.86	\$200	\$16	\$51.49
LAND PLANE 12 FT	5	1	\$2,500		\$0		\$0.10	\$333	\$27	\$75.09
DISC 12 FT	13	1	\$2,250		\$24		\$1.94	\$300	\$24	\$25.79
LISTER/PLANTER 4-ROW	3	1	\$2,000		\$3		\$1.20	\$500	\$27	\$202.73
PLOW 3-BOTTOM (2-WAY)	21	1	\$3,350		\$56		\$2.61	\$447	\$36	\$22.53
DRILL 10 FT.	8	1	\$1,800		\$11		\$1.37	\$360	\$20	\$47.44
SWATHER 14 FT.	50	1	\$4,300	\$245	\$146	\$4.87	\$2.90	\$1,450	\$157	\$31.99
BORDER DISC 6-DISC	1	1	\$750		\$1		\$0.93	\$100	\$8	\$98.30
			\$47,510	\$1,042	\$526			\$6,605	\$710	

TABLE 3. Alfalfa establishment, flood-irrigated, budgeted per acre costs and returns for a 100 acre farm with above average management, Valencia and Southern Bernalillo Counties, 2003.
Planting dates: August 15 - September 15

ITEM	PRICE	QUANTITY	PURCHASED INPUTS						TOTAL
<u>PURCHASED INPUTS</u>									
SEED	\$3.00	20 LBS	\$60.00						\$60.00
PHOSPHATE (P2O5)	\$0.33	90 LBS	\$29.70						\$29.70
NITROGEN (N)	\$0.36	35 LBS	\$12.60						\$12.60
CANAL WATER		12 AC. IN.							
SUBTOTAL			\$102.30						\$102.30
PREHARVEST OPERATIONS	POWER UNIT	ACCOMPLISHMENT RATE	PURCHASED INPUTS	LABOR	FUEL & LUBE	REPAIRS	FIXED COST	TOTAL	
DISC	96 HP	0.17 HR		\$0.88	\$1.63	\$0.55	\$11.21	\$14.26	
PLOW	96 HP	0.67 HR		\$3.45	\$6.43	\$2.61	\$41.99	\$54.48	
DISC	96 HP	0.17 HR		\$0.88	\$1.63	\$0.55	\$11.21	\$14.26	
LASER PLANE (CUSTOM)			\$70.71					\$70.71	
BORDER DISC	50 HP	0.05 HR		\$0.26	\$0.25	\$0.15	\$5.68	\$6.34	
DRILL	50 HP	0.25 HR		\$1.29	\$1.26	\$0.84	\$15.71	\$19.09	
IRRIGATE (2X)		1.00 HR		\$5.15				\$5.15	
SUBTOTAL		2.31 HR	\$70.71	\$11.90	\$11.20	\$4.69	\$85.80	\$184.30	
<u>OVERHEAD EXPENSES</u>									
DOWNTIME		0.33 HR		\$1.69				\$1.69	
EMPLOYEE BENEFITS				\$2.14				\$2.14	
INSURANCE			\$0.24					\$0.24	
SUPERVISION AND MANAGEMENT				\$21.72				\$21.72	
SUBTOTAL		0.33 HR	\$0.24	\$25.55				\$25.78	
TOTAL OPERATING EXPENSES		2.64 HR	\$173.25	\$37.44	\$11.20	\$4.69	\$85.80	\$312.38	

TABLE 4. Alfalfa hay, flood-irrigated, budgeted per acre costs and returns for a 100 acre farm with above average management, Valencia and Southern Bernalillo Counties, 2003.
Harvesting dates: June 1 - October 15

ITEM	PRICE	YIELD							TOTAL
GROSS RETURNS									
ALFALFA HAY	\$145.00	5.00	TONS (STACKED)						\$725.00
GRAZING	\$10.00	1.00	ACRE						\$10.00
TOTAL									\$735.00
PURCHASED INPUTS									
PURCHASED INPUTS	PRICE	QUANTITY		PURCHASED INPUTS				FIXED COST	TOTAL
PHOSPHATE (P2O5)	\$0.33	90	LBS	\$29.70					\$29.70
INSECTICIDE (CUSTOM)	\$21.71	1	X/ACRE	\$21.71					\$21.71
WIRE	\$0.36	43	LBS	\$15.39					\$15.39
ESTABLISHMENT: Principal		6	YEARS					\$52.06	\$52.06
: Interest								\$11.25	\$11.25
CANAL WATER		44	AC. IN.	\$30.00					\$30.00
SUBTOTAL				\$96.80				\$63.31	\$160.12
PREHARVEST OPERATIONS									
PREHARVEST OPERATIONS	POWER UNIT	ACCOMPLISHMENT RATE		PURCHASED INPUTS	LABOR	FUEL & LUBE	REPAIRS	FIXED COST	TOTAL
IRRIGATE (8X)		4.00	HR		\$20.60				\$20.60
HARVEST OPERATIONS									
SWATHER (4X)	14 FT.	0.64	HR		\$3.30	\$3.12	\$1.86	\$20.47	\$28.74
BALER, PTO (4X)	50 HP	0.84	HR		\$4.33	\$4.24	\$2.50	\$18.36	\$29.43
BALE WAGON (CUSTOM) (2X)				\$23.40					\$23.40
SUBTOTAL		1.48	HR	\$23.40	\$7.62	\$7.36	\$4.36	\$38.83	\$81.57
OVERHEAD EXPENSES									
DOWNTIME		0.37	HR		\$1.91				\$1.91
EMPLOYEE BENEFITS					\$5.08				\$5.08
INSURANCE				\$0.56					\$0.56
LAND TAXES								\$5.24	\$5.24
SUPERVISION AND MANAGEMENT					\$56.19				\$56.19
OTHER EXPENSES				\$116.74					\$116.74
SUBTOTAL		0.37	HR	\$117.30	\$63.18			\$5.24	\$185.72
TOTAL OPERATING EXPENSES		5.85	HR	\$237.51	\$91.40	\$7.36	\$4.36	\$107.38	\$448.00
NET OPERATING PROFIT									\$287.00
INTEREST ON OPERATING CAPITAL	(\$51.33	@	8.00%)				\$4.11
INTEREST ON EQUIPMENT INVESTMENT									\$28.03
RETURN TO LAND AND RISK									\$254.86
BUDGET SUMMARY									
GROSS RETURN		\$735.00							
VARIABLE OPERATING EXPENSES	\$249.22								
RETURN OVER VARIABLE EXPENSES		\$485.78	(GROSS MARGIN)						
FIXED EXPENSES	\$107.38								
NET FARM INCOME		\$378.39	(RETURN TO CAPITAL, LABOR, LAND & RISK)						
LABOR AND MANAGEMENT COST	\$91.40								
NET OPERATING PROFIT		\$287.00	(RETURN TO CAPITAL, LAND & RISK)						
CAPITAL COSTS	\$32.14								
RETURN TO LAND AND RISK		\$254.86							

TABLE 5. Small grain hay, flood-irrigated, budgeted per acre costs and returns for a 100 acre farm with above average management, Valencia and Southern Bernalillo Counties, 2003.

Planting dates: March 1 - May 1
Harvesting dates: June 15 - July 15

ITEM	PRICE	YIELD		PURCHASED INPUTS					TOTAL
GROSS RETURNS									
SMALL GRAIN HAY	\$130.00	2.50 TONS (STACKED)							\$325.00
TOTAL									\$325.00
PURCHASED INPUTS									
SEED	\$0.40	80	LBS	\$32.00					\$32.00
WIRE	\$0.36	26	LBS	\$9.31					\$9.31
CANAL WATER		24	AC. IN.	\$30.00					\$30.00
SUBTOTAL				\$71.31					\$71.31
PREHARVEST OPERATIONS									
	POWER UNIT	ACCOMPLISHMENT RATE		PURCHASED INPUTS	LABOR	FUEL & LUBE	REPAIRS	FIXED COST	TOTAL
PLOW	96 HP	0.67	HR		\$3.45	\$6.43	\$2.61	\$41.99	\$54.48
DISC (2X)	96 HP	0.34	HR		\$1.75	\$3.26	\$1.10	\$22.42	\$28.53
PLANE	96 HP	0.24	HR		\$1.24	\$2.30	\$0.33	\$27.66	\$31.53
BORDER DISC	50 HP	0.05	HR		\$0.26	\$0.25	\$0.15	\$5.68	\$6.34
DRILL	50 HP	0.25	HR		\$1.29	\$1.26	\$0.84	\$15.71	\$19.09
IRRIGATE (4X)		2.00	HR		\$10.30				\$10.30
SUBTOTAL		3.55	HR		\$18.28	\$13.51	\$5.02	\$113.46	\$150.27
HARVEST OPERATIONS									
SWATHER	14 FT.	0.16	HR		\$0.82	\$0.78	\$0.46	\$5.12	\$7.19
BALE, PTO	50 HP	0.21	HR		\$1.08	\$1.06	\$0.63	\$4.59	\$7.36
BALEWAGON				\$27.30					\$27.30
SUBTOTAL		0.37	HR		\$1.91	\$1.84	\$1.09	\$9.71	\$41.84
OVERHEAD EXPENSES									
DOWNTIME		0.48	HR		\$2.47				\$2.47
EMPLOYEE BENEFITS					\$3.63				\$3.63
INSURANCE				\$0.40				\$0.40	
LAND TAXES							\$2.62	\$2.62	
SUPERVISION AND MANAGEMENT					\$25.71				\$25.71
OTHER EXPENSES				\$58.37				\$58.37	
SUBTOTAL		0.48	HR		\$58.77	\$31.82		\$2.62	\$93.21
TOTAL OPERATING EXPENSES		4.40	HR		\$130.08	\$52.00	\$15.35	\$6.11	\$125.78
NET OPERATING PROFIT									(\$31.63)
INTEREST ON OPERATING CAPITAL	(\$40.53	@	8.00%)	\$3.24
INTEREST ON EQUIPMENT INVESTMENT									\$30.77
RETURN TO LAND AND RISK									(\$65.64)

BUDGET SUMMARY

GROSS RETURN		\$325.00	
VARIABLE OPERATING EXPENSES	\$151.54		
RETURN OVER VARIABLE EXPENSES		\$173.46	(GROSS MARGIN)
FIXED EXPENSES	\$125.78		
NET FARM INCOME		\$47.68	(RETURN TO CAPITAL, LABOR, LAND & RISK)
LABOR AND MANAGEMENT COST	\$52.00		
NET OPERATING PROFIT		(\$4.33)	(RETURN TO CAPITAL, LAND & RISK)
CAPITAL COSTS	\$34.01		
RETURN TO LAND AND RISK		(\$38.34)	

TABLE 6. Sorghum hay, flood-irrigated, budgeted per acre costs and returns for a 100 acre farm with above average management, Valencia and Southern Bernalillo Counties, 2003.
 Planting dates: July 1 - July 31
 Harvesting dates: August 10 - September 30

ITEM	PRICE	YIELD							TOTAL
GROSS RETURNS									
SORGHUM HAY	\$130.00	2.00	TONS (STACKED)						\$260.00
GRAZING	\$5.00	1.00	ACRE						\$5.00
TOTAL									\$265.00
<hr/>									
PURCHASED INPUTS	PRICE	QUANTITY		PURCHASED INPUTS					TOTAL
SEED	\$1.20	35	LBS		\$42.00				\$42.00
WIRE	\$0.36	17	LBS		\$6.09				\$6.09
CANAL WATER		24	AC. IN.		\$30.00				\$30.00
SUBTOTAL					\$78.09				\$78.09
<hr/>									
PREHARVEST OPERATIONS	POWER UNIT	ACCOMPLISHMENT RATE		PURCHASED INPUTS	LABOR	FUEL & LUBE	REPAIRS	FIXED COST	TOTAL
DISC	96 HP	0.17	HR		\$0.88	\$1.63	\$0.55	\$11.21	\$14.26
DRILL	50 HP	0.25	HR		\$1.29	\$1.26	\$0.84	\$15.71	\$19.09
IRRIGATE (4X)		2.00	HR		\$10.30				\$10.30
SUBTOTAL		2.42	HR		\$12.46	\$2.89	\$1.38	\$26.92	\$43.66
<hr/>									
HARVEST OPERATIONS									
SWATHER (2X)	14 FT.	0.32	HR		\$1.65	\$1.56	\$0.93	\$10.24	\$14.37
BALER, PTO (2X)	50 HP	0.42	HR		\$2.16	\$2.12	\$1.25	\$9.18	\$14.72
BALEWAGON					\$23.40				\$23.40
SUBTOTAL		0.74	HR		\$3.81	\$3.68	\$2.18	\$19.42	\$52.49
<hr/>									
OVERHEAD EXPENSES									
DOWNTIME		0.29	HR		\$1.49				\$1.49
EMPLOYEE BENEFITS					\$2.93				\$2.93
INSURANCE					\$0.33				\$0.33
LAND TAXES								\$2.62	\$2.62
SUPERVISION AND MANAGEMENT					\$21.13				\$21.13
OTHER EXPENSES					\$58.37				\$58.37
SUBTOTAL		0.29	HR		\$58.70	\$25.55		\$2.62	\$86.87
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TOTAL OPERATING EXPENSES		3.45	HR		\$136.78	\$41.83	\$6.57	\$48.95	\$261.09
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NET OPERATING PROFIT									\$3.91
INTEREST ON OPERATING CAPITAL	(\$40.60	@	8.00%)				\$3.25
INTEREST ON EQUIPMENT INVESTMENT									\$30.77
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RETURN TO LAND AND RISK									(\$30.11)

BUDGET SUMMARY

GROSS RETURN		\$265.00	
VARIABLE OPERATING EXPENSES	\$146.92		
RETURN OVER VARIABLE EXPENSES		\$118.08	(GROSS MARGIN)
FIXED EXPENSES	\$48.95		
NET FARM INCOME		\$69.13	(RETURN TO CAPITAL, LABOR, LAND & RISK)
LABOR AND MANAGEMENT COST	\$41.83		
NET OPERATING PROFIT		\$27.31	(RETURN TO CAPITAL, LAND & RISK)
CAPITAL COSTS	\$34.02		
RETURN TO LAND AND RISK		(\$6.71)	

TABLE 7. Corn silage, flood-irrigated, budgeted per acre costs and returns for a 100 acre farm with above average management, Valencia and Southern Bernalillo Counties, 2003.
 Planting dates: May 1 - June 15
 Harvesting dates: August 15 - September 30

ITEM	PRICE	YIELD							TOTAL
GROSS RETURNS									
CORN SILAGE	\$21.00	20.00	TONS (STANDING)						\$420.00
TOTAL									\$420.00
PURCHASED INPUTS	PRICE	QUANTITY		PURCHASED INPUTS					TOTAL
SEED	\$1.12	30	000						\$33.66
ANHYDROUS AMMONIA (NH3)	\$0.1550	125	LBS						\$19.38
HERBICIDE (GRANULAR)	\$6.85	1	ACRE						\$6.85
INSECTICIDE (GRANULAR)	\$34.24	1	ACRE						\$34.24
CANAL WATER		42	AC. IN.						\$30.00
SUBTOTAL									\$124.12
PREHARVEST OPERATIONS	POWER UNIT	ACCOMPLISHMENT RATE		PURCHASED INPUTS	LABOR	FUEL & LUBE	REPAIRS	FIXED COST	TOTAL
PLOW	96 HP	0.67	HR		\$3.45	\$6.43	\$2.61	\$41.99	\$54.48
DISC (2X)	96 HP	0.34	HR		\$1.75	\$3.26	\$1.10	\$22.42	\$28.53
LAND PLANE	96 HP	0.24	HR		\$1.24	\$2.30	\$0.33	\$27.66	\$31.53
LISTER/PLANTER	96 HP	0.26	HR		\$1.34	\$2.49	\$0.65	\$63.15	\$67.63
CULTIVATOR (2X)	50 HP	0.42	HR		\$2.16	\$2.12	\$1.61	\$28.09	\$33.98
IRRIGATE (8X)		4.00	HR		\$20.60				\$20.60
SUBTOTAL		5.93	HR		\$30.54	\$16.61	\$6.30	\$183.30	\$236.75
OVERHEAD EXPENSES									
DOWNTIME		0.48	HR		\$2.48				\$2.48
EMPLOYEE BENEFITS					\$5.50				\$5.50
INSURANCE					\$0.61				\$0.61
LAND TAXES								\$5.24	\$5.24
SUPERVISION AND MANAGEMENT					\$34.37				\$34.37
OTHER EXPENSES					\$116.74				\$116.74
SUBTOTAL		0.48	HR		\$117.35	\$42.35		\$5.24	\$164.93
TOTAL OPERATING EXPENSES		6.41	HR		\$241.47	\$72.89	\$16.61	\$6.30	\$188.54
NET OPERATING PROFIT									(\$105.80)
INTEREST ON OPERATING CAPITAL	(\$67.79	@	8.00%)				\$5.42
INTEREST ON EQUIPMENT INVESTMENT									\$122.48
RETURN TO LAND AND RISK									(\$233.70)

BUDGET SUMMARY

GROSS RETURN		\$420.00	
VARIABLE OPERATING EXPENSES	\$264.38		
RETURN OVER VARIABLE EXPENSES		\$155.62	(GROSS MARGIN)
FIXED EXPENSES	\$188.54		
NET FARM INCOME		(\$32.92)	(RETURN TO CAPITAL, LABOR, LAND & RISK)
LABOR AND MANAGEMENT COST	\$72.89		
NET OPERATING PROFIT		(\$105.80)	(RETURN TO CAPITAL, LAND & RISK)
CAPITAL COSTS	\$127.90		
RETURN TO LAND AND RISK		(\$233.70)	

TABLE 8. Summary of per acre costs and returns for a 100 acre farm with above average average management, 2003.

	ALFALFA ESTABLISHMENT	ALFALFA HAY	SMALL GRAIN HAY -----FLOOD-----	SORGHUM HAY	CORN FOR SILAGE
		TONS	TONS	TONS	TONS
PRIMARY YIELD		5.00	2.50	2.00	20.00
PRIMARY PRICE		145.00	130.00	130.00	21.00
GOVERNMENT PAYMENTS		0.00	0.00	0.00	0.00
SECOND INCOME		10.00	0.00	5.00	0.00
GROSS RETURN		\$735.00	\$325.00	\$265.00	\$420.00
CASH OPERATING EXPENSES					
SEED	\$60.00		\$32.00	\$42.00	\$33.66
FERTILIZER	\$42.30	\$29.70			\$19.38
CHEMICALS		\$21.71			\$41.09
CROP INSURANCE					
OTHER PURCHASED INPUTS		\$15.39	\$9.31	\$6.09	
CANAL WATER		\$30.00	\$30.00	\$30.00	\$30.00
FUEL, OIL & LUBRICANTS-EQUIPMENT	\$11.20	\$7.36	\$15.35	\$6.57	\$16.61
FUEL-IRRIGATION					
REPAIRS	\$4.69	\$4.36	\$6.11	\$3.56	\$6.30
CUSTOM CHARGES	\$70.71	\$23.40			
LAND TAXES		\$5.24	\$2.62	\$2.62	\$5.24
OTHER EXPENSES	\$0.24	\$117.30	\$58.77	\$58.70	\$117.35
TOTAL CASH EXPENSES	\$189.14	\$254.46	\$154.16	\$149.54	\$269.61
RETURN OVER CASH EXPENSES	(\$189.14)	\$480.54	\$170.84	\$115.46	\$150.39
FIXED EXPENSES	\$85.80	\$102.15	\$123.17	\$46.33	\$183.30
TOTAL EXPENSES	\$274.94	\$356.61	\$277.32	\$195.87	\$452.92
NET FARM INCOME	(\$274.94)	\$378.39	\$47.68	\$69.13	(\$32.92)
LABOR AND MANAGEMENT COSTS	\$37.44	\$91.40	\$52.00	\$41.83	\$72.89
NET OPERATING PROFIT	(\$312.38)	\$287.00	(\$4.33)	\$27.31	(\$105.80)
CAPITAL COSTS					
INTEREST ON OPERATING CAPITAL		\$4.11	\$3.24	\$3.25	\$5.42
INTEREST ON EQUIPMENT INVESTMENT		\$28.03	\$30.77	\$30.77	\$122.48
TOTAL CAPITAL COSTS	\$0.00	\$32.14	\$34.01	\$34.02	\$127.90
RETURN TO LAND AND RISK	(\$312.38)	\$254.86	(\$38.34)	(\$6.71)	(\$233.70)

TABLE 9. Whole farm summary, Valencia and Southern Bernalillo Counties, 2003.

GROSS RETURNS		
ALFALFA HAY	71 ACRES	
CROP		\$51,475
GRAZING		\$710
SMALL GRAIN HAY	10 ACRES	
CROP		\$3,250
SORGHUM HAY	10 ACRES	
CROP		\$2,600
GRAZING		\$50
CORN FOR SILAGE	10 ACRES	
CROP		\$4,200
GROSS RETURN		\$62,285
CASH OPERATING EXPENSES		
SEED		\$1,797
FERTILIZER		\$2,810
CHEMICALS		\$1,952
CROP INSURANCE		\$0
OTHER PURCHASED INPUTS		\$1,247
CANAL WATER		\$3,030
FUEL, OIL & LUBRICANTS-EQUIPMENT		\$1,042
FUEL-IRRIGATION		\$0
REPAIRS		\$526
CUSTOM CHARGES		\$2,510
LAND TAXES		\$476
OTHER EXPENSES		\$10,680
TOTAL CASH EXPENSES		\$26,069
RETURN OVER CASH EXPENSES		\$36,216
FIXED EXPENSES		\$8,114
TOTAL EXPENSES		\$34,183
NET FARM INCOME		\$28,102
LABOR AND MANAGEMENT COSTS		\$8,606
NET OPERATING PROFIT		\$19,496
CAPITAL COSTS		
INTEREST ON OPERATING CAPITAL		\$411
INTEREST ON EQUIPMENT INVESTMENT		\$3,830
TOTAL CAPITAL COSTS		\$4,241
RETURN TO LAND AND RISK		\$15,255

LAND VALUE	RETURN TO RISK*	RETURN ON INVESTMENT**
\$5,000 /ACRE	(\$4,745)	3.56%
\$6,500 /ACRE	(\$10,745)	2.80%
\$8,000 /ACRE	(\$16,745)	2.30%
\$9,500 /ACRE	(\$22,745)	1.95%
\$11,000 /ACRE	(\$28,745)	1.70%
\$12,500 /ACRE	(\$34,745)	1.50%

* 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)