

MICROCOMPUTER CROP COST AND RETURN GENERATOR

BUDGET AREA.....CIBOLA COUNTY, Projected 2009.
FARM SIZE..... 300.00 ACRES
IRRIGATION TYPE..... FLOOD
NUMBER OF CROPS..... 4

VERSION 1.0

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TABLE 1. Acreage Summary, Cibola County,
Projected 2009.

BUDGET AREA.....	CIBOLA COUNTY		
FARM SIZE.....	300 ACRES		
IRRIGATION TYPE.....	FLOOD		
NUMBER OF CROPS..	4		
	WATER USE		
ACREAGE SUMMARY:	LAND USE (ACRES)	AC.IN. PER AC.	TOTAL AC.IN.
ALFALFA ESTABLISHMENT	25	18	450
ALFALFA	200	42	8,400
PASTURE ESTABLISHMENT	2	18	36
PASTURE	40	30	1,200
WHEAT	20	24	480
SWEET CORN	8	30	240
ROADS, HOMESTEAD	5		
TOTAL	300		10,806
ACRE FEET PER ACRE OF WATER RIGHTS			3.00

TABLE 2. Basic cost information for Cibola County,
Projected 2009.

Item		
Labor Wage Rate:		
Equipment operators	\$/hour	\$7.25
General & Irrigators	\$/hour	\$7.25
Purchased Inputs:		
Fertilizer:		
Nitrogen (N)	\$/pound	\$0.62
Phosphate (P205)	\$/pound	\$0.58
Seed:		
Alfalfa	\$/pound	\$4.00
Oat Hay	\$/pound	\$0.52
Sweet Corn	\$/pound	\$12.50
Wheat	\$/pound	\$0.26
Pasture	\$/pound	\$3.55
Baling wire	\$/box	\$0.55
Gopher control	\$/acre	\$1.50
Canal water	\$/acre	\$5.00
Energy:		
Diesel fuel	\$/gallon	\$2.80
Gasoline	\$/gallon	\$2.50
Electricity	cents/KwHr	11.55
Employee Liability Insurance	\$\$1,000 wages	\$20.00
Employee Benefits	percent/wages	18.00%
Labor Downtime	percent	25.00%
Financial Rates:		
Operating Capital Interest Rate	percent	7.50%
Land Interest Rate	percent	7.25%
Equipment Interest Rate	percent	7.50%
Real Interest Rate	percent	3.00%
Land Taxes	\$/acre (full value)	\$36.00
Personal Property Tax Rate - NR	\$\$1,000 (Assessed Value)	\$26.18
- R		\$25.08
Supervision Factors		
Field Crop-Irrigation	\$/labor hour	\$1.00
Field Crop-Equipment & General	\$/labor hour	\$0.50
Management Rate	percent	7.00%

TABLE 3. Overhead cost information for Cibola County,
Projected 2009.

Item				
Electricity (Domestic & Shop)		\$232.00 per month		\$2,784
Telephone		\$116.00 per month		\$1,392
Accounting & Legal				\$1,653
Misc. Supplies & Hand Tools				\$2,726
Pickup and Auto				
miles	23,200	@	\$0.415 per mile	\$9,628
Insurance				
- general liability (non-employee)				\$1,821
- fire/theft				\$1,438
Property Taxes				
- non-planted land				\$0
- other than land & machinery				\$0
Building repairs and maintenance				\$0
Dues, fees, publications				\$1,386
Farmstead Equipment				\$418
Total				<u>\$23,246</u>
Total Per Planted Acre				\$79.34

TABLE 6. Alfalfa hay, flood-irrigated, budgeted per acre costs and returns for a 300 acre farm with above average management, Cibola County, Projected 2009.
Harvesting Dates: June 15 - September 15

ITEM	PRICE	YIELD	TOTAL
GROSS RETURNS			
ALFALFA HAY	\$140.00	4.00 TONS (STACKED)	\$560.00
GRAZING	\$10.00	1.00 ACRE	\$10.00
TOTAL			\$570.00

PURCHASED INPUTS	PRICE	QUANTITY	PURCHASED INPUTS	FIXED COST	TOTAL
PHOSPHATE (P2O5)	\$0.58	40 LBS	\$23.20		\$23.20
WIRE	\$0.55	34 LBS	\$18.85		\$18.85
GOPHER CONTROL	\$1.50	1 ACRE	\$1.50		\$1.50
ESTABLISHMENT: Principal		8 YEARS			\$0.00
: Interest					\$0.00
CANAL WATER		42 AC. IN.	\$5.00		\$5.00
SUBTOTAL			\$48.55	\$0.00	\$48.55

PREHARVEST OPERATIONS	POWER UNIT	ACCOMPLISHMENT RATE	PURCHASED INPUTS	LABOR	FUEL & LUBE	REPAIRS	FIXED COST	TOTAL
FERT SPREADER	93 HP	0.05 HR		\$0.36	\$0.76	\$0.15	\$1.84	\$3.12
GOPHER CONTROL	40 HP	0.15 HR		\$1.09	\$1.40	\$0.16	\$2.05	\$4.70
IRRIGATE (6X)		3.00 HR		\$21.75				\$21.75
SUBTOTAL		3.20 HR		\$23.20	\$2.16	\$0.31	\$3.90	\$29.57

HARVEST OPERATIONS	POWER UNIT	ACCOMPLISHMENT RATE	PURCHASED INPUTS	LABOR	FUEL & LUBE	REPAIRS	FIXED COST	TOTAL
SWATHER (3X)	16 FT	0.33 HR		\$2.39	\$3.46	\$0.48	\$18.89	\$25.22
BALER (3X)	65 HP	0.63 HR		\$4.57	\$7.66	\$0.91	\$4.54	\$17.68
BALEWAGON (3X)	93 HP	0.60 HR		\$4.35	\$9.13	\$3.40	\$14.64	\$31.53
SUBTOTAL		1.56 HR		\$11.31	\$20.25	\$4.79	\$38.08	\$74.43

OVERHEAD EXPENSES	ACCOMPLISHMENT RATE	PURCHASED INPUTS	LABOR	FUEL & LUBE	REPAIRS	FIXED COST	TOTAL
DOWNTIME	0.43 HR		\$3.10				\$3.10
EMPLOYEE BENEFITS			\$6.21				\$6.21
INSURANCE			\$0.69				\$0.69
LAND TAXES						\$36.00	\$36.00
SUPERVISION AND MANAGEMENT			\$43.76				\$43.76
OTHER EXPENSES			\$79.34				\$79.34
SUBTOTAL	0.43 HR	\$80.03	\$53.07			\$36.00	\$169.10

TOTAL OPERATING EXPENSES 5.19 HR \$128.58 \$87.58 \$22.42 \$5.11 \$77.97 \$321.65

NET OPERATING PROFIT \$248.35

INTEREST ON OPERATING CAPITAL (\$26.98 @ 7.50%) \$2.02
INTEREST ON EQUIPMENT INVESTMENT \$33.55

RETURN TO LAND AND RISK \$212.77

BUDGET SUMMARY

GROSS RETURN	\$570.00	
VARIABLE OPERATING EXPENSES	\$156.10	
RETURN OVER VARIABLE EXPENSES	\$413.90	(GROSS MARGIN)
FIXED EXPENSES	\$77.97	
NET FARM INCOME	\$335.92	(RETURN TO CAPITAL, LABOR, LAND & RISK)
LABOR AND MANAGEMENT COST	\$87.58	
NET OPERATING PROFIT	\$248.35	(RETURN TO CAPITAL, LAND & RISK)
CAPITAL COSTS	\$35.58	
RETURN TO LAND AND RISK	\$212.77	

TABLE 7. Permanent pasture establishment, flood-irrigated, budgeted per acre costs and returns for a 300 acre farm with above average management, Cibola County, Projected 2009.
Planting Dates: May 15 - July 1

ITEM	PRICE	QUANTITY	PURCHASED INPUTS						TOTAL	
PURCHASED INPUTS										
GRASS SEED	\$3.55	15 LBS		\$53.25					\$53.25	
CANAL WATER		18 AC. IN.		\$5.00					\$5.00	
SUBTOTAL				\$58.25					\$58.25	
PREHARVEST OPERATIONS										
	POWER UNIT	ACCOMPLISHMENT RATE	PURCHASED INPUTS	LABOR	FUEL & LUBE	REPAIRS	FIXED COST	TOTAL		
FLOW	93 HP	0.67 HR		\$4.86	\$10.20	\$4.17	\$12.29	\$31.52		
DISC (2X)	93 HP	0.14 HR		\$1.02	\$2.13	\$0.81	\$4.71	\$8.66		
FLOAT	93 HP	0.24 HR		\$1.74	\$3.65	\$0.50	\$1.97	\$7.86		
DRILL	65 HP	0.21 HR		\$1.52	\$2.55	\$0.49	\$10.64	\$15.20		
BORDER DISC	40 HP	0.05 HR		\$0.36	\$0.47	\$0.10	\$2.95	\$3.88		
IRRIGATE (3X)		1.50 HR		\$10.88					\$10.88	
SUBTOTAL		2.81 HR		\$20.37	\$19.01	\$6.08	\$32.55	\$78.01		
OVERHEAD EXPENSES										
DOWNTIME		0.33 HR		\$2.37					\$2.37	
EMPLOYEE BENEFITS				\$3.67					\$3.67	
INSURANCE			\$0.41					\$0.41		
LAND TAXES								\$36.00	\$36.00	
SUPERVISION AND MANAGEMENT				\$11.69					\$11.69	
SUBTOTAL		0.33 HR	\$0.41	\$17.73					\$36.00	\$54.14
TOTAL OPERATING EXPENSES		3.14 HR	\$58.66	\$38.11	\$19.01	\$6.08	\$68.55	\$190.40		

TABLE 8. Permanent pasture, flood-irrigated, budgeted per acre costs and returns for a 300 acre farm with above average management, Cibola County, Projected 2009.
Harvesting Dates: September 30 - June 30

ITEM	PRICE	YIELD	TOTAL
GROSS RETURNS PASTURE	\$12.00	6.00 AUMS	\$72.00
TOTAL			\$72.00

PURCHASED INPUTS	PRICE	QUANTITY	PURCHASED INPUTS	FIXED COST	TOTAL
LIVESTOCK FAC & EQUIP ESTABLISHMENT: Principal		20 YEARS		\$3.00	\$3.00
: Interest				\$9.52	\$9.52
CANAL WATER		30 AC. IN.	\$5.00	\$5.86	\$5.86
				\$5.00	\$5.00
SUBTOTAL			\$5.00	\$18.38	\$23.38

PREHARVEST OPERATIONS	POWER UNIT	ACCOMPLISHMENT RATE	PURCHASED INPUTS	LABOR	FUEL & LUBE	REPAIRS	FIXED COST	TOTAL
IRRIGATE (5X)		2.50 HR		\$18.13				\$18.13
SUBTOTAL		2.50 HR		\$18.13				\$18.13

OVERHEAD EXPENSES

DOWNTIME		0.00 HR		\$0.00				\$0.00
EMPLOYEE BENEFITS				\$3.26				\$3.26
INSURANCE			\$0.36					\$0.36
LAND TAXES							\$36.00	\$36.00
SUPERVISION AND MANAGEMENT				\$7.54				\$7.54
OTHER EXPENSES			\$79.34					\$79.34
SUBTOTAL		0.00 HR	\$79.70	\$10.80			\$36.00	\$126.50

TOTAL OPERATING EXPENSES 2.50 HR \$84.70 \$28.93 \$0.00 \$0.00 \$54.38 \$168.01

NET OPERATING PROFIT (\$96.01)

INTEREST ON OPERATING CAPITAL (\$2.50 @ 7.50%) \$0.19
INTEREST ON EQUIPMENT INVESTMENT \$0.00

RETURN TO LAND AND RISK (\$96.20)

BUDGET SUMMARY

GROSS RETURN		\$72.00	
VARIABLE OPERATING EXPENSES	\$84.70		
RETURN OVER VARIABLE EXPENSES	(\$12.70)	(GROSS MARGIN)	
FIXED EXPENSES	\$54.38		
NET FARM INCOME	(\$67.08)	(RETURN TO CAPITAL, LABOR, LAND & RISK)	
LABOR AND MANAGEMENT COST	\$28.93		
NET OPERATING PROFIT	(\$96.01)	(RETURN TO CAPITAL, LAND & RISK)	
CAPITAL COSTS	\$0.19		
RETURN TO LAND AND RISK	(\$96.20)		

TABLE 9. Wheat for grain, flood-irrigated, budgeted per acre costs and returns for a 300 acre farm with above average management, Cibola County, Projected 2009.
 Planting Dates: August 1 - September 30
 Harvesting Dates: July 1 - August 15

ITEM	PRICE	YIELD	TOTAL
GROSS RETURNS			
GRAIN	\$6.00	65.00 BUSHELS	\$390.00
GRAZING	\$11.00	2.00 AUMS	\$22.00
STRAW	\$2.00	50.00 BALE	\$100.00
TOTAL			\$512.00

PURCHASED INPUTS	PRICE	QUANTITY	PURCHASED INPUTS	FIXED COST	TOTAL
SEED	\$0.26	80 LBS	\$20.80		\$20.80
BALING WIRE	\$0.55	14 LBS	\$7.86		\$7.86
CANAL WATER		24 ACRE IN.	\$5.00		\$5.00
SUBTOTAL			\$33.66		\$33.66

PREHARVEST OPERATIONS	POWER UNIT	ACCOMPLISHMENT RATE	PURCHASED INPUTS	LABOR	FUEL & LUBE	REPAIRS	FIXED COST	TOTAL
PLOW	93 HP	0.67 HR		\$4.86	\$10.20	\$4.17	\$12.29	\$31.52
DISC (2X)	93 HP	0.28 HR		\$2.03	\$4.26	\$1.62	\$9.41	\$17.33
FLOAT (2X)	93 HP	0.48 HR		\$3.48	\$7.31	\$1.00	\$3.93	\$15.72
DRILL	65 HP	0.21 HR		\$1.52	\$2.55	\$0.49	\$10.64	\$15.20
BORDER DISC	40 HP	0.05 HR		\$0.36	\$0.47	\$0.10	\$2.95	\$3.88
IRRIGATE (4X)		2.00 HR		\$14.50				\$14.50
SUBTOTAL		3.69 HR		\$26.75	\$24.79	\$7.39	\$39.23	\$98.16

HARVEST OPERATIONS

COMBINE (CUSTOM)			\$16.57					\$16.57
HAUL (CUSTOM)			\$12.35					\$12.35
BALER, 2-WIRE	65 HP	0.21 HR		\$1.52	\$2.55	\$0.30	\$1.51	\$5.89
BALE WAGON	93 HP	0.20 HR		\$1.45	\$3.04	\$1.13	\$4.88	\$10.51
SUBTOTAL		0.41 HR	\$28.92	\$2.97	\$5.60	\$1.44	\$6.39	\$45.32

OVERHEAD EXPENSES

DOWNTIME		0.53 HR		\$3.81				\$3.81
EMPLOYEE BENEFITS				\$5.35				\$5.35
INSURANCE			\$0.59					\$0.59
LAND TAXES							\$36.00	\$36.00
SUPERVISION AND MANAGEMENT				\$38.89				\$38.89
OTHER EXPENSES			\$79.34					\$79.34
SUBTOTAL		0.53 HR	\$79.93	\$48.05			\$36.00	\$163.98

TOTAL OPERATING EXPENSES		4.63 HR	\$142.51	\$77.77	\$30.39	\$8.83	\$81.62	\$341.12
NET OPERATING PROFIT								\$170.88
INTEREST ON OPERATING CAPITAL		(\$27.87 @	7.50%)				\$2.09
INTEREST ON EQUIPMENT INVESTMENT								\$30.56
RETURN TO LAND AND RISK								\$138.23

BUDGET SUMMARY

GROSS RETURN		\$512.00	
VARIABLE OPERATING EXPENSES	\$181.73		
RETURN OVER VARIABLE EXPENSES	\$330.27	(GROSS MARGIN)	
FIXED EXPENSES	\$81.62		
NET FARM INCOME	\$248.65	(RETURN TO CAPITAL, LABOR, LAND & RISK)	
LABOR AND MANAGEMENT COST	\$77.77		
NET OPERATING PROFIT	\$170.88	(RETURN TO CAPITAL, LAND & RISK)	
CAPITAL COSTS	\$32.65		
RETURN TO LAND AND RISK		\$138.23	

TABLE 10. Sweet corn, flood-irrigated, budgeted per acre costs and returns for a 300 acre farm with above average management, Cibola County, Projected 2009.
 Planting Dates: May 5 - May 25
 Harvest Dates: August 15 - September 20

ITEM	PRICE	YIELD	TOTAL
GROSS RETURNS CORN	\$2.00	700.00 DOZEN	\$1,400.00
TOTAL			\$1,400.00

PURCHASED INPUTS	PRICE	QUANTITY	PURCHASED INPUTS	FIXED COST	TOTAL
SEED	\$12.50	13 LBS	\$156.25		\$156.25
NITROGEN (N)	\$0.62	120 LBS	\$74.40		\$74.40
PHOSPHATE (P2O5)	\$0.58	45 LBS	\$26.10		\$26.10
HERBICIDE	\$19.28	1 ACRE	\$19.28		\$19.28
INSECTICIDE	\$13.18	2 X/ACRE	\$26.36		\$26.36
CANAL WATER		30 AC. IN.	\$5.00		\$5.00
SUBTOTAL			\$307.39		\$307.39

PREHARVEST OPERATIONS	POWER UNIT	ACCOMPLISHMENT RATE	PURCHASED INPUTS	LABOR	FUEL & LUBE	REPAIRS	FIXED COST	TOTAL
DISC	93 HP	0.14 HR		\$1.02	\$2.13	\$0.81	\$4.71	\$8.66
PLOW	93 HP	0.67 HR		\$4.86	\$10.20	\$4.17	\$12.29	\$31.52
SPRAY	65 HP	0.15 HR		\$1.09	\$1.82	\$0.29	\$8.76	\$11.96
FERT SPREADER	93 HP	0.05 HR		\$0.36	\$0.76	\$0.15	\$1.84	\$3.12
DISC	93 HP	0.14 HR		\$1.02	\$2.13	\$0.81	\$4.71	\$8.66
FLOAT	93 HP	0.24 HR		\$1.74	\$3.65	\$0.50	\$1.97	\$7.86
LISTER	65 HP	0.18 HR		\$1.31	\$2.19	\$0.59	\$29.15	\$33.24
PRE-IRRIGATE		0.75 HR		\$5.44				\$5.44
HAND PLANT		5.00 HR		\$36.25				\$36.25
SPRAY (2X)	65 HP	0.30 HR		\$2.18	\$3.65	\$0.59	\$17.51	\$23.92
CULTIVATOR (2X)	65 HP	0.42 HR		\$3.05	\$5.11	\$3.15	\$90.52	\$101.82
IRRIGATE (4X)		2.00 HR		\$14.50				\$14.50
SUBTOTAL		10.04 HR		\$72.79	\$31.64	\$11.06	\$171.46	\$286.95

HARVEST OPERATIONS								
HAND PICK		25.00 HR		\$181.25				\$181.25
HAUL	3/4 TON	6.25 HR		\$45.31	\$98.44	\$4.75	\$495.73	\$644.23
SUBTOTAL		31.25 HR		\$226.56	\$98.44	\$4.75	\$495.73	\$825.48

OVERHEAD EXPENSES								
DOWNTIME		3.26 HR		\$23.65				\$23.65
EMPLOYEE BENEFITS				\$53.88				\$53.88
INSURANCE			\$5.99					\$5.99
LAND TAXES							\$36.00	\$36.00
SUPERVISION AND MANAGEMENT				\$107.28				\$107.28
OTHER EXPENSES			\$79.34					\$79.34
SUBTOTAL		3.26 HR		\$85.33	\$184.81		\$36.00	\$306.14

TOTAL OPERATING EXPENSES		13.30 HR		\$392.72	\$484.16	\$130.08	\$15.81	\$703.19	\$1,725.95
NET OPERATING PROFIT									(\$325.95)
INTEREST ON OPERATING CAPITAL		(\$172.97	@	7.50%)			\$12.97
INTEREST ON EQUIPMENT INVESTMENT									\$276.00
RETURN TO LAND AND RISK									(\$614.93)

BUDGET SUMMARY		
GROSS RETURN		\$1,400.00
VARIABLE OPERATING EXPENSES	\$538.61	
RETURN OVER VARIABLE EXPENSES	\$861.39	(GROSS MARGIN)
FIXED EXPENSES	\$703.19	
NET FARM INCOME	\$158.21	(RETURN TO CAPITAL, LABOR, LAND & RISK)
LABOR AND MANAGEMENT COST	\$484.16	
NET OPERATING PROFIT	(\$325.95)	(RETURN TO CAPITAL, LAND & RISK)
CAPITAL COSTS	\$288.97	
RETURN TO LAND AND RISK		(\$614.93)

TABLE 11. Summary of per acre costs and returns, 300 acre farm with above average management, Cibola County, Projected 2009.

	ALFALFA ESTABLISHMENT	ALFALFA HAY	PERMANENT PASTURE ESTABLISHMENT	PERMANENT PASTURE	WHEAT FOR GRAIN	SWEET CORN
	TONS	TONS		AUMS	BU	DOZ
PRIMARY YIELD	3.50	4.00		6.00	65.00	700.00
PRIMARY PRICE	\$100.00	\$140.00		\$12.00	\$6.00	\$2.00
GOVERNMENT PAYMENTS	\$0.00	\$0.00		\$0.00	\$0.00	\$0.00
SECOND INCOME	\$0.00	\$10.00		\$0.00	\$122.00	\$0.00
GROSS RETURN	\$350.00	\$570.00		\$72.00	\$512.00	\$1,400.00
CASH OPERATING EXPENSES						
SEED	\$95.60		\$53.25		\$20.80	\$156.25
FERTILIZER		\$23.20				\$100.50
CHEMICALS		\$1.50				\$45.64
CROP INSURANCE					\$0.00	
OTHER PURCHASED INPUTS		\$18.85			\$7.86	
CANAL WATER	\$5.00	\$5.00	\$5.00	\$5.00	\$5.00	\$5.00
FUEL, OIL & LUBRICANTS-EQUIPMENT	\$27.89	\$22.42	\$19.01	\$0.00	\$30.39	\$130.08
FUEL-IRRIGATION						
REPAIRS	\$8.49	\$5.11	\$6.08	\$0.00	\$8.83	\$15.81
CUSTOM CHARGES					\$28.92	
LAND TAXES	\$36.00	\$36.00	\$36.00	\$36.00	\$36.00	\$36.00
OTHER EXPENSES	\$79.84	\$80.03	\$0.41	\$79.70	\$79.93	\$85.33
TOTAL CASH EXPENSES	\$252.82	\$192.10	\$119.74	\$120.70	\$217.73	\$574.61
RETURN OVER CASH EXPENSES	\$97.18	\$377.90	(\$119.74)	(\$48.70)	\$294.27	\$825.39
FIXED EXPENSES	\$49.95	\$41.97	\$32.55	\$18.38	\$45.62	\$667.19
TOTAL EXPENSES	\$302.77	\$234.08	\$152.30	\$139.08	\$263.35	\$1,241.79
NET FARM INCOME	\$47.23	\$335.92	(\$152.30)	(\$67.08)	\$248.65	\$158.21
LABOR AND MANAGEMENT COSTS	\$54.38	\$87.58	\$38.11	\$28.93	\$77.77	\$484.16
NET OPERATING PROFIT	(\$7.15)	\$248.35	(\$190.40)	(\$96.01)	\$170.88	(\$325.95)
CAPITAL COSTS						
INTEREST ON OPERATING CAPITAL	\$4.35	\$2.02		\$0.19	\$2.09	\$12.97
INTEREST ON EQUIPMENT INVESTMENT	\$33.07	\$33.55		\$0.00	\$30.56	\$276.00
TOTAL CAPITAL COSTS	\$37.42	\$35.58	\$0.00	\$0.19	\$32.65	\$288.97
RETURN TO LAND AND RISK	(\$44.56)	\$212.77	(\$190.40)	(\$96.20)	\$138.23	(\$614.93)

TABLE 12. Whole farm summary, Cibola County,
Projected 2009.

GROSS RETURNS		
ALFALFA HAY	200 ACRES	
CROP		\$112,000
GRAZING		\$2,000
PASTURE	40 ACRES	
GRAZING		\$2,880
WHEAT FOR GRAIN	20 ACRES	
CROP		\$7,800
GRAZING		\$440
STRAW		\$2,000
SWEET CORN	8 ACRES	
CROP		\$11,200
GROSS RETURN		<u>\$138,320</u>
CASH OPERATING EXPENSES		
SEED		\$4,163
FERTILIZER		\$5,444
CHEMICALS		\$665
CROP INSURANCE		\$0
OTHER PURCHASED INPUTS		\$3,928
CANAL WATER		\$1,475
FUEL, OIL & LUBRICANTS-EQUIPMENT		\$6,867
FUEL-IRRIGATION		\$0
REPAIRS		\$1,548
CUSTOM CHARGES		\$578
LAND TAXES		\$10,620
OTHER EXPENSES		\$23,472
TOTAL CASH EXPENSES		<u>\$58,760</u>
RETURN OVER CASH EXPENSES		\$79,560
FIXED EXPENSES		\$16,313
TOTAL EXPENSES		\$75,073
NET FARM INCOME		\$63,247
LABOR AND MANAGEMENT COSTS		\$25,537
NET OPERATING PROFIT		\$37,710
CAPITAL COSTS		
INTEREST ON OPERATING CAPITAL		\$667
INTEREST ON EQUIPMENT INVESTMENT		\$10,356
TOTAL CAPITAL COSTS		<u>\$11,023</u>
RETURN TO LAND AND RISK		<u><u>\$26,688</u></u>

LAND VALUE	RETURN TO RISK*	RETURN ON INVESTMENT**
\$1,000 /ACRE	\$17,688	9.39%
\$2,000 /ACRE	\$8,688	5.38%
\$3,000 /ACRE	(\$312)	3.77%
\$4,000 /ACRE	(\$9,312)	2.90%
\$5,000 /ACRE	(\$18,312)	2.35%

* 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)