

MICROCOMPUTER CROP COST AND RETURN GENERATOR

BUDGET AREA..... CURRY COUNTY Projected 2009.
FARM SIZE..... 640.00 ACRES
IRRIGATION TYPE..... SPRINKLER
NUMBER OF CROPS..... 2

VERSION 1.0

COPYRIGHT (C) 1984 by NEW MEXICO STATE UNIVERSITY BOARD OF REGENTS

New Mexico State University is an equal opportunity employer. All programs are available to everyone regardless of race, color, religion, sex, age, handicap, or national origin. New Mexico State University and the U.S. Department of Agriculture Cooperating.

* YOU MAY ENTER DATA IN ANY INPUT TABLE WITH
HIGHLIGHTED CELLS OR YOU MAY STRIKE
[ENTER] AND RETURN TO THE MENU

** BE SURE PRINTER IS ON AND PAPER IS ALIGNED
BEFORE YOU PRINT

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

BUDGET AREA.....	CURRY COUNTY		
FARM SIZE.....	640 ACRES		
IRRIGATION TYPE.....	SPRINKLER		
NUMBER OF CROPS....	2		
		WATER USE	
ACREAGE SUMMARY:	LAND USE (ACRES)	AC. IN. PER ACRE	TOTAL AC. IN.
WHEAT	119	10	1,190
ARP	0		
FLEX IN WHEAT	21	10	210
CORN	306	20	6,120
ARP	0		
FLEX IN WHEAT	54	10	540
CORNERS, ROADS, HOMESTEAD	140		
TOTAL	640		8,060
ACRE FEET PER ACRE PER ACRE OF WATER RIGHTS			1.05

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

Item		
Labor Wage Rate:		
Equipment operators	\$/hour	\$7.45
General & Irrigators	\$/hour	\$7.25
Purchased Inputs:		
Fertilizer:		
Nitrogen (N)	\$/pound	\$0.62
Phosphate (P205)	\$/pound	\$0.58
Seed:		
Corn	\$/bag	\$220.00
Wheat	\$/pound	\$0.26
Diesel fuel	\$/gallon	\$2.75
Gasoline	\$/gallon	\$2.50
Electricity (SWPS)	cents/Kw-Hr	6.52
LP gas	\$/gallon	\$2.45
Natural gas (Gas NM)	\$/MCF	\$5.89
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	\$109.00 /acre (full value)	\$0.79
Personal Property Tax Rate	- NR - R	\$/1,000 (Assessed Value)
		\$21.85 \$19.79
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 Curry County,
Projected 2009.

Item			
Electricity (Domestic & Shop)		\$232.00 per month	\$2,784
Telephone		\$116.00 per month	\$1,392
Accounting & Legal			\$1,699
Misc. Supplies & Hand Tools			\$2,546
Pickup and Auto			
miles	23,200	@ \$0.415 per mile	\$9,628
Insurance			
- general liability (non-employee)			\$2,285
- fire/theft			\$1,833
Property Taxes			
- non-planted land			\$0
- other than land & machinery			\$0
Building repairs and maintenance			\$1,514
Dues, fees, publications			\$406
Farmstead Equipment			\$174
		Total	<u>\$24,261</u>
		Total Per Planned Acre	\$48.52

TABLE 4. Pumping costs and data for Curry County, Oregon 2020

WELL DATA	
DELIVERY PIP	45
SPRINKLER	30
GALLONS PER MINUTE (GPM)	90
DOWN RODS/FEET	90
EFFICIENCY FACTOR	0.80
ELECTRIC	0.10
NATURAL GAS	0.08
LP GAS	0.10
DIESEL	0.10
FUEL COST PER GALLON	\$3.50
ELECTRICITY	\$0.10
NATURAL GAS	\$1.00
LP GAS	\$2.00
DIESEL	\$3.50
FUEL BURNING COST	
ELECTRIC WELL	\$4.51
COST PER HOUR	
COST PER ACRE INCH	\$4.04
NATURAL GAS WELL	\$6.28
COST PER HOUR	
COST PER ACRE INCH	\$5.17
LP GAS WELL	\$10.88
COST PER HOUR	
COST PER ACRE INCH	\$11.28
DIESEL WELL	\$18.37
COST PER HOUR	
COST PER ACRE INCH	\$17.11

TABLE 5. Equipment summary for a 640-acre sprayer application farm with average management, Curry County, Oregon 2020

EQUIPMENT	ANNUAL HOURS OF USE	NUMBER	VARIABLE COSTS				FIXED COSTS		TOTAL PER ACRE
			FUEL, OIL, LUBRICANTS	REPAIR	FUEL, OIL, REPAIR PER HOUR	DEPRECIATION	TOTAL PER HOUR		
TRACTOR	40 HP	1	\$40,000	\$1,000	\$11.48	\$1.00	\$4,000	\$54	\$55.48
TRACTOR	80 HP	1	\$80,000	\$1,500	\$18.48	\$1.00	\$8,000	\$101	\$102.48
DISC	16 FT OFFSET	1	\$7,000	\$1,500	\$1.50	\$0.30	\$1,000	\$10	\$11.80
DISC	24 FT	1	\$12,000	\$2,000	\$2.40	\$0.30	\$1,500	\$15	\$17.70
CHISEL	8 FT	1	\$1,000	\$100	\$1.00	\$0.05	\$200	\$2	\$2.05
PLANTER	1 ROW	40	\$40,000	\$2,000	\$2.00	\$0.10	\$4,000	\$40	\$42.10
PLECTRIC PUMP	6.0 GPM	1	\$500	\$100	\$0.50	\$0.00	\$100	\$0	\$0.50
TRUCK/SPRINKLER	6.0 GPM	1	\$2,000	\$200	\$2.00	\$0.00	\$2,000	\$20	\$22.00
ELECTRIC WELL	DEALER FURNISHED	45	\$15,000	\$300	\$4.50	\$0.00	\$1,500	\$30	\$7.50
COST SPRINKLER	DEALER FURNISHED	45	\$15,000	\$300	\$4.50	\$0.00	\$1,500	\$30	\$7.50
TOTAL									

EQUIPMENT LIST										
ITEM	NEW VALUE	USED VALUE	REMAINS LEFT	EQIP CODE	NO. HOURS	FUEL COST	LUBE COST	ACCUM HOURS	REPAIRS ACC. EXPENSE	WRECK
TRACTOR 40 HP	22,015	48,218	15	1	800	7.00	0.10	1946.26	13	2,792.31
TRACTOR 80 HP	80,000	72,500	15	1	800	8.48	0.10	2040.00	11	1,617.52
DISC 16 FT OFFSET	7,000	3,600	15	1	300	1.50	0.30	276.60	13	276.60
DISC 24 FT	12,000	1,800	15	1	300	2.40	0.30	324.00	10	324.00
CHISEL 8 FT	1,000	1,000	15	1	300	1.00	0.05	300.00	15	300.00
PLANTER 1 ROW	40,000	3,000	15	1	300	2.00	0.10	600.00	10	2,100.00
PLECTRIC PUMP	500	500	15	1	300	0.50	0.00	150.00	15	150.00
TRUCK/SPRINKLER	2,000	15,000	15	1	300	2.00	0.00	600.00	15	1,500.00
ELECTRIC WELL	15,000	15,000	15	1	300	4.50	0.00	1,350.00	15	1,350.00
COST SPRINKLER	15,000	15,000	15	1	300	4.50	0.00	1,350.00	15	1,350.00

USAGE LIST									
ITEM	ACRES	FOR	PER ACRE	WRECK	REPAIRS	TOTAL			
TRACTOR 40 HP	154	PUMP WATER	0.10						
TRACTOR 80 HP	154	PUMP WATER	0.10						
DISC 16 FT OFFSET	154	PUMP WATER	0.10						
DISC 24 FT	154	PUMP WATER	0.10						
CHISEL 8 FT	154	PUMP WATER	0.10						
PLANTER 1 ROW	154	PUMP WATER	0.10						
PLECTRIC PUMP	154	PUMP WATER	0.10						
TRUCK/SPRINKLER	154	PUMP WATER	0.10						
ELECTRIC WELL	154	PUMP WATER	0.10						
COST SPRINKLER	154	PUMP WATER	0.10						

WHEAT PRODUCTION

COSTS FOR WHEAT	
3.45	0.70
7.21	1.72
1.13	0.30
0.28	0.00
0.25	0.25
0.32	0.00
0.16	0.16
0.03	0.08
0.16	0.76
1.11	2.22
16.08	22.28

WHEAT ACRES 154 PUMP WATER 0.10

MACHINE ACCUMULATION					
MACHINE	POWER UNIT	TIMES OVER	RATE	TOTAL	CUSTOM
DISC	160 HP	1.00	0.10	0.10	
DISC 24 FT	160 HP	2.00	0.11	0.22	
FERT SPREADER	160 HP	1.00	0.00	0.00	
IRRIGATOR (14)	140 HP	7.00	0.02	0.14	

CORN FOR GRAIN ACRES 306 PUMP WATER 0.10

MACHINE ACCUMULATION					
MACHINE	POWER UNIT	TIMES OVER	RATE	TOTAL	CUSTOM
DISC	160 HP	1.00	0.10	0.10	
DISC 24 FT	160 HP	2.00	0.11	0.22	
FERT SPREADER	160 HP	1.00	0.00	0.00	
PLANTER	160 HP	1.00	0.07	0.07	
CULTIVATOR	140 HP	1.00	0.12	0.12	
IRRIGATOR (14)	140 HP	14.00	0.02	0.28	

ANNUAL REPAIR COSTS AS A PERCENT OF NEW VALUE

Hour of Use	1	2	3	4	5	6	7	8	9
0	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
100	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
200	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
300	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
400	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
500	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
600	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
700	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
800	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
900	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
1000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
1100	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
1200	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
1300	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
1400	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
1500	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
1600	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
1700	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
1800	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
1900	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
2000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
2100	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
2200	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
2300	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
2400	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
2500	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
2600	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
2700	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
2800	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
2900	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
3000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
3100	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
3200	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
3300	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
3400	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
3500	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
3600	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
3700	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
3800	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
3900	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
4000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
4100	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
4200	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
4300	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
4400	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
4500	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
4600	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
4700	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
4800	0.00000	0.00000	0.00000	0.00					

TABLE 6. Wheat, sprinkler-irrigated, budgeted per acre costs and returns for a 640 acre farm with above average management, Curry County, Projected 2009.
 Planting Dates: August 15 - September 15
 Harvesting Dates: June 15 - July 15

ITEM	PRICE	YIELD	BASE	TOTAL
GROSS RETURNS				
WHEAT	\$6.00	75.00 BUSHEL		\$450.00
DIRECT PAYMENT	\$0.00	75.00 BUSHEL	0.85	\$0.00
COUNTER CYCLICAL PAYMENT	\$0.00			\$0.00
GRAZING	\$40.00	1.00 ACRE		\$40.00
TOTAL				\$490.00

PURCHASED INPUTS	PRICE	QUANTITY	PURCHASED INPUTS	FIXED COST	TOTAL
SEED	\$0.26	80 LBS	\$20.80		\$20.80
LIQUID FERT (28-0-0)	\$0.07	460 LBS	\$33.35		\$33.35
NITROGEN (N)	\$0.62	18 LBS	\$11.16		\$11.16
PHOSPHATE (P205)	\$0.58	46 LBS	\$26.68		\$26.68
INSECTICIDE (CUSTOM)	\$11.16	1 ACRE	\$11.16		\$11.16
HERBICIDE (CUSTOM)	\$11.16	1 ACRE	\$11.16		\$11.16
PUMP WATER*		10 AC. IN.			
CROP INSURANCE	\$0.26		\$0.26		\$0.26
SUBTOTAL			\$114.57		\$114.57

PREHARVEST OPERATIONS	POWER UNIT	ACCOMPLISHMENT RATE	PURCHASED INPUTS	LABOR	FUEL & LUBE	REPAIRS	FIXED COST	TOTAL
CHISEL	185 HP	0.15 HR		\$1.12	\$4.27	\$1.17	\$4.70	\$11.27
DISC (3X)	185 HP	0.33 HR		\$2.46	\$9.40	\$4.98	\$11.43	\$28.27
FERT SPREADER-ANHY	140 HP	0.05 HR		\$0.37	\$1.07	\$0.22	\$1.79	\$3.46
DRILL	140 HP	0.13 HR		\$0.97	\$2.79	\$0.79	\$8.51	\$13.07
IRRIGATE (7X)		0.70 HR		\$5.08	\$40.40	\$0.00	\$4.18	\$49.65
SUBTOTAL		1.36 HR		\$9.99	\$57.94	\$7.16	\$30.62	\$105.71

HARVEST OPERATIONS								
COMBINE (CUSTOM)			\$8.76					\$8.76
HAUL (CUSTOM)			\$12.00					\$12.00
SUBTOTAL			\$20.76					\$20.76

OVERHEAD EXPENSES								
DOWNTIME		0.17 HR		\$1.23				\$1.23
EMPLOYEE BENEFITS				\$1.80				\$1.80
INSURANCE			\$0.20					\$0.20
LAND TAXES							\$0.79	\$0.79
SUPERVISION AND MANAGEMENT				\$35.26				\$35.26
OTHER EXPENSES			\$48.52					\$48.52
SUBTOTAL		0.17 HR	\$48.72	\$38.28			\$0.79	\$87.80

TOTAL OPERATING EXPENSES 1.53 HR \$184.06 \$48.27 \$57.94 \$7.16 \$31.41 \$328.84

NET OPERATING PROFIT \$161.16

INTEREST ON OPERATING CAPITAL (\$75.29 @ 7.50%) \$5.65
 INTEREST ON EQUIPMENT INVESTMENT \$16.08

RETURN TO LAND AND RISK \$139.44

* Pump water costs are shown under irrigation in the preharvest operations section.

BUDGET SUMMARY

GROSS RETURN		\$490.00	
VARIABLE OPERATING EXPENSES	\$249.15		
RETURN OVER VARIABLE EXPENSES		\$240.85	(GROSS MARGIN)
FIXED EXPENSES	\$31.41		
NET FARM INCOME		\$209.44	(RETURN TO CAPITAL, LABOR, LAND & RISK)
LABOR AND MANAGEMENT COST	\$48.27		
NET OPERATING PROFIT		\$161.16	(RETURN TO CAPITAL, LAND & RISK)
CAPITAL COSTS	\$21.72		
RETURN TO LAND AND RISK		\$139.44	

TABLE 7. Corn for grain, sprinkler-irrigated, budgeted per acre costs and returns for a 640 acre farm with above average management, Curry County, Projected 2009.
 Planting Dates: April 15 - May 15
 Harvesting Dates: September 1 - October 15

ITEM	PRICE	YIELD	BASE	TOTAL
GROSS RETURNS				
CORN FOR GRAIN	\$7.32	105.00 CWT		\$768.75
DIRECT PAYMENT	\$0.00	105.00 CWT	0.85	\$0.00
COUNTER CYCLICAL PAYMENT	\$0.00	0.00 CWT		\$0.00
GRAZING	\$10.00	1.00 ACRE		\$10.00
TOTAL				\$778.75

PURCHASED INPUTS	PRICE	QUANTITY	PURCHASED INPUTS	FIXED COST	TOTAL
SEED	\$2.75	34 000	\$93.50		\$93.50
LIQUID FERT (28-0-0)	\$0.08	525 LBS	\$42.00		\$42.00
LIQUID FERT (46-0-0)	\$0.08	325 LBS	\$26.00		\$26.00
K-MAG	\$0.09	45 LBS	\$4.05		\$4.05
PHOSPHATE (P205)	\$0.58	100 LBS	\$58.00		\$58.00
NITROGEN (N)	\$0.62	50 LBS	\$31.00		\$31.00
HERBICIDE (SYSTEM)	\$16.99	1 X/ACRE	\$16.99		\$16.99
INSECTICIDE (SYSTEM)	\$11.16	2 X/ACRE	\$22.32		\$22.32
TRACE ELEMENTS	\$16.00	1 ACRE	\$16.00		\$16.00
PUMP WATER*		20 AC. IN.			
CROP INSURANCE	\$0.16		\$0.16		\$0.16
SUBTOTAL			\$310.02		\$310.02

PREHARVEST OPERATIONS	POWER UNIT	ACCOMPLISHMENT RATE	PURCHASED INPUTS	LABOR	FUEL & LUBE	REPAIRS	FIXED COST	TOTAL
DISC	185 HP	0.11 HR		\$0.82	\$3.13	\$1.66	\$3.81	\$9.42
CHISEL	185 HP	0.15 HR		\$1.12	\$4.27	\$1.17	\$4.70	\$11.27
DISC (2X)	185 HP	0.22 HR		\$1.64	\$6.27	\$3.32	\$7.62	\$18.85
FERT SPREADER	140 HP	0.05 HR		\$0.37	\$1.07	\$0.22	\$1.79	\$3.46
PLANTER	140 HP	0.17 HR		\$1.27	\$3.65	\$1.09	\$8.98	\$14.99
CULTIVATOR	140 HP	0.13 HR		\$0.97	\$2.79	\$1.05	\$6.05	\$10.86
IRRIGATE (14X)		1.40 HR		\$10.15	\$80.79	\$0.00	\$8.05	\$98.99
SUBTOTAL		2.23 HR		\$16.33	\$101.99	\$8.51	\$41.00	\$167.83

HARVEST OPERATIONS								
COMBINE (CUSTOM)				\$20.00				\$20.00
HAUL (CUSTOM)				\$18.90				\$18.90
SUBTOTAL				\$38.90				\$38.90

OVERHEAD EXPENSES								
DOWNTIME		0.21 HR		\$1.55				\$1.55
EMPLOYEE BENEFITS				\$2.94				\$2.94
INSURANCE				\$0.33				\$0.33
LAND TAXES							\$0.79	\$0.79
SUPERVISION AND MANAGEMENT				\$56.33				\$56.33
OTHER EXPENSES				\$48.52				\$48.52
SUBTOTAL		0.21 HR		\$48.85	\$60.81		\$0.79	\$110.46

TOTAL OPERATING EXPENSES 2.44 HR \$397.77 \$77.15 \$101.99 \$8.51 \$41.80 \$627.21

NET OPERATING PROFIT \$151.54

INTEREST ON OPERATING CAPITAL (\$185.88 @ 7.50%) \$13.94
 INTEREST ON EQUIPMENT INVESTMENT \$22.35

RETURN TO LAND AND RISK \$115.25

* Pump water costs are shown under irrigation in the preharvest operations section.

BUDGET SUMMARY

GROSS RETURN		\$778.75	
VARIABLE OPERATING EXPENSES	\$508.26		
RETURN OVER VARIABLE EXPENSES		\$270.49	(GROSS MARGIN)
FIXED EXPENSES	\$41.80		
NET FARM INCOME		\$228.69	(RETURN TO CAPITAL, LABOR, LAND & RISK)
LABOR AND MANAGEMENT COST	\$77.15		
NET OPERATING PROFIT		\$151.54	(RETURN TO CAPITAL, LAND & RISK)
CAPITAL COSTS	\$36.29		
RETURN TO LAND AND RISK		\$115.25	

TABLE 8. Summary of per acre costs and returns for a 640 acre farm with above average management Curry County, Projected 2009.

	WHEAT	CORN FOR GRAIN
	BUSHELS	CWT
PRIMARY YIELD	75.00	105.00
PRIMARY PRICE	\$6.00	\$7.32
GOVERNMENT PAYMENTS	\$0.00	\$0.00
SECOND INCOME	\$40.00 ACRE	\$10.00 ACRE
GROSS RETURN	\$490.00	\$778.75
CASH OPERATING EXPENSES		
SEED	\$20.80	\$93.50
FERTILIZER	\$71.19	\$177.05
CHEMICALS	\$22.32	\$39.31
CROP INSURANCE	\$0.26	\$0.16
OTHER PURCHASED INPUTS		
CANAL WATER		
FUEL, OIL & LUBRICANTS-EQUIPMENT	\$17.54	\$21.20
FUEL-IRRIGATION	\$40.40	\$80.79
REPAIRS	\$7.16	\$8.51
CUSTOM CHARGES	\$20.76	\$38.90
LAND TAXES	\$0.79	\$0.79
OTHER EXPENSES	\$48.72	\$48.85
TOTAL CASH EXPENSES	\$249.95	\$509.06
RETURN OVER CASH EXPENSES	\$240.05	\$269.69
FIXED EXPENSES	\$30.62	\$41.00
TOTAL EXPENSES	\$280.56	\$550.06
NET FARM INCOME	\$209.44	\$228.69
LABOR AND MANAGEMENT COSTS	\$48.27	\$77.15
NET OPERATING PROFIT	\$161.16	\$151.54
CAPITAL COSTS		
INTEREST ON OPERATING CAPITAL	\$5.65	\$13.94
INTEREST ON EQUIPMENT INVESTMENT	\$16.08	\$22.35
TOTAL CAPITAL COSTS	\$21.72	\$36.29
RETURN TO LAND AND RISK	\$139.44	\$115.25

Flex Computation

186.13

178.60

TABLE 9. Whole farm summary, Curry County,
Projected 2009.

GROSS RETURNS		
WHEAT	194 ACRES	
CROP		\$87,300
GRAZING		\$7,760
DIRECT PAYMENT		\$0
COUNTER CYCLICAL PAYMENT		\$0
CORN FOR GRAIN	306 ACRES	
CROP		\$235,238
GRAZING		\$3,060
DIRECT PAYMENT		\$0
COUNTER CYCLICAL PAYMENT		\$0
GROSS RETURN		<u>\$333,358</u>
CASH OPERATING EXPENSES		
SEED		\$32,646
FERTILIZER		\$67,988
CHEMICALS		\$16,359
CROP INSURANCE		\$100
OTHER PURCHASED INPUTS		\$0
CANAL WATER		\$0
FUEL, OIL & LUBRICANTS-EQUIPMENT		\$9,889
FUEL-IRRIGATION		\$32,559
REPAIRS		\$3,992
CUSTOM CHARGES		\$15,931
LAND TAXES		\$397
OTHER EXPENSES		\$24,400
TOTAL CASH EXPENSES		<u>\$204,262</u>
RETURN OVER CASH EXPENSES		\$129,096
FIXED EXPENSES		\$18,487
TOTAL EXPENSES		\$222,748
NET FARM INCOME		\$110,609
LABOR AND MANAGEMENT COSTS		\$32,972
NET OPERATING PROFIT		\$77,637
CAPITAL COSTS		
INTEREST ON OPERATING CAPITAL		\$5,361
INTEREST ON EQUIPMENT INVESTMENT		\$9,958
TOTAL CAPITAL COSTS		<u>\$15,319</u>
RETURN TO LAND AND RISK		<u><u>\$62,318</u></u>

LAND VALUE	RETURN TO RISK*	RETURN ON INVESTMENT**
\$500 /ACRE	\$52,718	16.90%
\$1,000 /ACRE	\$43,118	9.96%
\$1,500 /ACRE	\$33,518	7.06%
\$2,000 /ACRE	\$23,918	5.47%
\$2,500 /ACRE	\$14,318	4.46%

* 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)