

MICROCOMPUTER CROP COST AND RETURN GENERATOR

BUDGET AREA..... CURRY COUNTY Projected 2008.
FARM SIZE..... 640.00 ACRES
IRRIGATION TYPE..... SPRINKLER
NUMBER OF CROPS..... 2

VERSION 1.0

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TABLE 1. Acreage Summary, Curry County, Projected 2008.

BUDGET AREA.....	CURRY COUNTY
FARM SIZE.....	640 ACRES
IRRIGATION TYPE.....	SPRINKLER
NUMBER OF CROPS....	2

ACREAGE SUMMARY:	LAND USE (ACRES)	WATER USE	
		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 CORNERS, ROADS, HOMESTEAD	54	10	540
	<u>140</u>		
TOTAL	640		8,060
ACRE FEET PER ACRE PER ACRE OF WATER RIGHTS			1.05

TABLE 2. Basic cost information for Curry County, Projected 2008.

Item		
Labor Wage Rate:		
Equipment operators	\$/hour	\$7.45
General & Irrigators	\$/hour	\$6.65
Purchased Inputs:		
Fertilizer:		
Nitrogen (N)	\$/pound	\$0.63
Phosphate (P205)	\$/pound	\$0.55
Seed:		
Corn	\$/bag	\$115.50
Wheat	\$/pound	\$0.28
Diesel fuel	\$/gallon	\$3.05
Gasoline	\$/gallon	\$2.80
Electricity (SWPS)	cents/KwHr	6.71
LP gas	\$/gallon	\$2.60
Natural gas (Gas NM)	\$/MCF	\$3.24
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	7.75%
Land Interest Rate	percent	7.75%
Equipment Interest Rate	percent	7.75%
Real Interest Rate	percent	3.00%
Land Taxes	\$109.00 /acre (full value)	\$0.74
Personal Property Tax Rate	- NR - R	-\$/\$1,000 (Assessed Value) \$20.49 \$20.73
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 2008.

Item		
Electricity (Domestic & Shop)	\$224.00	per month \$2,688
Telephone	\$112.00	per month \$1,344
Accounting & Legal		\$1,641
Misc. Supplies & Hand Tools		\$2,458
Pickup and Auto		
miles	22,400 @	\$0.415 per mile \$9,296
Insurance		
- general liability (non-employee)		\$2,206
- fire/theft		\$1,770
Property Taxes		
- non-planted land		\$0
- other than land & machinery		\$0
Building repairs and maintenance		\$1,462
Dues, fees, publications		\$392
Farmstead Equipment		\$168
		<u>\$23,425</u>
	Total	\$23,425
	Total Per Planed Acre	\$46.85

TABLE 4. Pumping costs and data for Curry County, Oregon 1988

PUMP DATA	
DELIVERY PIP	DEPTH CHARACTERISTICS
SPRAWLER	50' TO 100' _____ 30
	DRAG DOWN _____ 30
	TOTAL HEAD _____ 90
	CASING _____ 30
GALLONS PER MINUTE (GPM)	500
MINOR LOSSES (GPM)	50
EFFICIENCY FACTOR	0.80
ELECTRICITY	0.100
NATURAL GAS	0.100
LP GAS	0.100
DIESEL	0.100
FUEL COST PER UNIT	0.11 (CENTS/GAL)
NATURAL GAS	0.100
LP GAS	0.100
DIESEL	0.100
FUEL PUMPING COST	
ELECTRIC WELL	\$1.50
COEF PER HOUR	
COEF PER ACRES INCH	\$4.15
NATURAL GAS WELL	\$1.47
COEF PER HOUR	
COEF PER ACRES INCH	\$4.00
LP GAS WELL	\$1.46
COEF PER HOUR	
COEF PER ACRES INCH	\$3.99
DIESEL WELL	\$1.47
COEF PER HOUR	
COEF PER ACRES INCH	\$4.15

TABLE 5. Equipment summary for a 640 acre sprayer-irrigation station farm with above average management, Curry County, Oregon 1988

EQUIPMENT	FIRM & SIZE	ANNUAL HOURS OF USE	ORIGINAL NUMBER	VARIABLE COSTS				FIXED COSTS			
				TOTAL VALUE	FUEL OIL LUBRICANT	REPAIR PER HR	FUEL OIL REPAIR PER HR	DEPRECIATION TAXES	TOTAL PER HR		
TRACTOR	160HP	142	1	\$36,079	\$1,386	\$918	\$2,843	\$4.35	\$4,844	\$34	\$58.78
TRACTOR	160HP	200	1	\$37,214	\$1,386	\$1,034	\$2,720	\$4.35	\$4,844	\$50	\$67.19
DISC	18 FT (OFFSET)	160	1	\$12,048	\$1,386	\$1,034	\$2,720	\$4.35	\$1,200	\$51	\$36.37
WELL	2 FT	25	1	\$1,000	\$40	\$40	\$120	\$0.48	\$200	\$51	\$26.48
WELL	4 FT	25	1	\$1,000	\$40	\$40	\$120	\$0.48	\$200	\$51	\$26.48
CULTIVATOR	8 ROW	45	1	\$10,000	\$149	\$149	\$577	\$1.30	\$400	\$11	\$23.07
TRACTOR	8 ROW	52	1	\$5,000	\$70	\$70	\$267	\$0.62	\$200	\$9	\$12.69
ELECTRIC PUMP	4,000	1	1	\$600	\$0	\$0	\$0	\$0	\$0	\$0	\$0.00
CONCRETE PUMP	4,000	1	1	\$10,000	\$300.00	\$300	\$1,100	\$1.50	\$1,000	\$100	\$162.00
ELECTRIC WELL	25	1	1	\$10,000	\$0.00	\$0.00	\$0.00	\$0.00	\$1,000	\$0	\$11.70
FAST SPRAWLER DEALER FURNISHED											
TOTAL				\$102,327	\$4,222	\$2,527	\$7,620		\$11,644	\$367	

EQUIPMENT LIST	FIRM	NEW VALUE	USED VALUE	YEARS LIFE	EQUIP CODE	MAX HOURS	FUEL CONSUMPTION UNITS/HR	LUBE COST	ACCUM COST	INTEREST	CORN FOR PER ACRES	
											WHEAT	SOYBEAN TOTAL
TRACTOR 160HP		36,079	26,279	15	1	800	0.10	1,048.28	10	2,844.86	0.18	0.18
TRACTOR 160HP		37,214	27,214	15	1	800	0.10	2,645.00	11	3,728.28	0.48	0.48
DISC 18 FT OFFSET		12,048	7,622	8	8	800	0.10	2,045.00	11	2,728.28	0.48	0.48
WELL 2 FT		1,000	700	25	2	800	0.00	200.00	10	2,000.00	0.00	0.00
WELL 4 FT		1,000	700	25	2	800	0.00	200.00	10	2,000.00	0.00	0.00
CULTIVATOR 8 ROW		10,000	1,000	15	2	800	0.00	1,025.00	15	1,275.00	0.15	0.15
TRACTOR 8 ROW		5,000	4,000	15	2	800	0.00	575.25	15	575.25	0.00	0.17
ELECTRIC PUMP		600	600	1	1	800	0.00	0.00	10	0.00	0.00	0.00
CONCRETE PUMP		10,000	10,000	1	1	800	0.00	1,100.00	10	1,100.00	0.00	0.00
ELECTRIC WELL		10,000	10,000	1	1	800	0.00	0.00	10	1,000.00	0.00	0.00
FAST SPRAWLER DEALER FURNISHED		20,000	13,000	25	0	800	0.00	0.00	10	1,000.00	0.00	0.00

EQUIPMENT LIST	FIRM	NEW VALUE	USED VALUE	YEARS LIFE	EQUIP CODE	MAX HOURS	FUEL CONSUMPTION UNITS/HR	LUBE COST	ACCUM COST	INTEREST	CORN FOR PER ACRES	
											WHEAT	SOYBEAN TOTAL
TRACTOR 160HP		36,079	26,279	15	1	800	0.10	1,048.28	10	2,844.86	0.18	0.18
TRACTOR 160HP		37,214	27,214	15	1	800	0.10	2,645.00	11	3,728.28	0.48	0.48
DISC 18 FT OFFSET		12,048	7,622	8	8	800	0.10	2,045.00	11	2,728.28	0.48	0.48
WELL 2 FT		1,000	700	25	2	800	0.00	200.00	10	2,000.00	0.00	0.00
WELL 4 FT		1,000	700	25	2	800	0.00	200.00	10	2,000.00	0.00	0.00
CULTIVATOR 8 ROW		10,000	1,000	15	2	800	0.00	1,025.00	15	1,275.00	0.15	0.15
TRACTOR 8 ROW		5,000	4,000	15	2	800	0.00	575.25	15	575.25	0.00	0.17
ELECTRIC PUMP		600	600	1	1	800	0.00	0.00	10	0.00	0.00	0.00
CONCRETE PUMP		10,000	10,000	1	1	800	0.00	1,100.00	10	1,100.00	0.00	0.00
ELECTRIC WELL		10,000	10,000	1	1	800	0.00	0.00	10	1,000.00	0.00	0.00
FAST SPRAWLER DEALER FURNISHED		20,000	13,000	25	0	800	0.00	0.00	10	1,000.00	0.00	0.00

ANNUAL REPAIR COSTS AS A PERCENT OF NEW VALUE											
Year	1	2	3	4	5	6	7	8	9	10	11
0	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00140	0.00280	0.00420	0.00560	0.00700
100	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00140	0.00280	0.00420	0.00560	0.00700
200	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00140	0.00280	0.00420	0.00560	0.00700
300	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00140	0.00280	0.00420	0.00560	0.00700
400	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00140	0.00280	0.00420	0.00560	0.00700
500	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00140	0.00280	0.00420	0.00560	0.00700
600	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00140	0.00280	0.00420	0.00560	0.00700
700	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00140	0.00280	0.00420	0.00560	0.00700
800	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00140	0.00280	0.00420	0.00560	0.00700
900	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00140	0.00280	0.00420	0.00560	0.00700
1000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00140	0.00280	0.00420	0.00560	0.00700
1100	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00140	0.00280	0.00420	0.00560	0.00700
1200	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00140	0.00280	0.00420	0.00560	0.00700
1300	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00140	0.00280	0.00420	0.00560	0.00700
1400	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00140	0.00280	0.00420	0.00560	0.00700
1500	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00140	0.00280	0.00420	0.00560	0.00700
1600	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00140	0.00280	0.00420	0.00560	0.00700
1700	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00140	0.00280	0.00420	0.00560	0.00700
1800	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00140	0.00280	0.00420	0.00560	0.00700
1900	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00140	0.00280	0.00420	0.00560	0.00700
2000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00140	0.00280	0.00420	0.00560	0.00700
2100	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00140	0.00280	0.00420	0.00560	0.00700
2200	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00140	0.00280	0.00420	0.00560	0.00700
2300	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00140	0.00280	0.00420	0.00560	0.00700
2400	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00140	0.00280	0.00420	0.00560	0.00700
2500	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00140	0.00280	0.00420	0.00560	0.00700
2600	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00140	0.00280	0.00420	0.00560	0.00700
2700	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00140	0.00280	0.00420	0.00560	0.00700
2800	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00140	0.00280	0.00420	0.00560	0.00700
2900	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00140	0.00280	0.00420	0.00560	0.00700
3000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00140	0.00280	0.00420	0.00560	0.00700

** Based on unpublished data of D. R. Hunt, Department of Agricultural Engineering, University of Illinois.

** Based on "Agricultural Machinery Costs" in Agricultural Engineers Yearbook, 1958.

- Codes
- 1 tractor
 - 2 heavy tractors, large harvesters, windmills, plows
 - 3 heavy low speed, rubber-tired tractors, front-end loaders
 - 4 front-end loaders, wheel loaders, backhoes, skid steer loaders
 - 5 self-propelled sprayers
 - 6 combine harvesters, cotton pickers, cotton ginners, cane cutters
 - 7 other tractors, other equipment, heavy tractors, backhoes
 - 8 other tractors
 - 9 other of origin, tractors, sprayers
 - 0 others, cars, heavy equipment, tracked tractors
 - 9 tractor-tracting equipment

TABLE 6. Wheat, sprinkler-irrigated, budgeted per acre costs and returns for a 640 acre farm with above average management, Curry County, Projected 2008.
 Planting Dates: August 15 - September 15
 Harvesting Dates: June 15 - July 15

ITEM	PRICE	YIELD	BASE						TOTAL
GROSS RETURNS									
WHEAT	\$9.50	75.00 BUSHELS							\$712.50
DIRECT PAYMENT	\$0.00	75.00 BUSHELS	0.85						\$0.00
COUNTER CYCLICAL PAYMENT	\$0.00								\$0.00
GRAZING	\$40.00	1.00 ACRE							\$40.00
TOTAL									\$752.50
PURCHASED INPUTS									
	PRICE	QUANTITY	PURCHASED INPUTS				FIXED COST		TOTAL
SEED	\$0.28	80 LBS	\$22.40						\$22.40
LIQUID FERT (28-0-0)	\$0.07	460 LBS	\$33.35						\$33.35
NITROGEN (N)	\$0.63	18 LBS	\$11.34						\$11.34
PHOSPHATE (P205)	\$0.55	46 LBS	\$25.30						\$25.30
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			\$114.97						\$114.97
PREHARVEST OPERATIONS									
	POWER UNIT	ACCOMPLISHMENT RATE	PURCHASED INPUTS	LABOR	FUEL & LUBE	REPAIRS	FIXED COST		TOTAL
CHISEL	185 HP	0.15 HR		\$1.12	\$4.74	\$1.17	\$4.69		\$11.72
DISC (3X)	185 HP	0.33 HR		\$2.46	\$10.43	\$4.98	\$11.39		\$29.26
FERT SPREADER-ANHY	140 HP	0.05 HR		\$0.37	\$1.19	\$0.22	\$1.79		\$3.57
DRILL	140 HP	0.13 HR		\$0.97	\$3.10	\$0.79	\$8.49		\$13.35
IRRIGATE (7X)		0.70 HR		\$4.66	\$41.57	\$0.00	\$4.16		\$50.38
SUBTOTAL		1.36 HR		\$9.57	\$61.02	\$7.16	\$30.52		\$108.27
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				\$1.72					\$1.72
INSURANCE			\$0.19						\$0.19
LAND TAXES							\$0.74		\$0.74
SUPERVISION AND MANAGEMENT				\$53.63					\$53.63
OTHER EXPENSES			\$46.85						\$46.85
SUBTOTAL		0.17 HR	\$47.04	\$56.58			\$0.74		\$104.37
TOTAL OPERATING EXPENSES		1.53 HR	\$182.78	\$66.15	\$61.02	\$7.16	\$31.26		\$348.37
NET OPERATING PROFIT									\$404.13
INTEREST ON OPERATING CAPITAL		(\$76.26 @	7.75%)					\$5.91
INTEREST ON EQUIPMENT INVESTMENT									\$16.61
RETURN TO LAND AND RISK									\$381.60

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

BUDGET SUMMARY

GROSS RETURN		\$752.50	
VARIABLE OPERATING EXPENSES	\$250.96		
RETURN OVER VARIABLE EXPENSES		\$501.54	(GROSS MARGIN)
FIXED EXPENSES	\$31.26		
NET FARM INCOME		\$470.28	(RETURN TO CAPITAL, LABOR, LAND & RISK)
LABOR AND MANAGEMENT COST	\$66.15		
NET OPERATING PROFIT		\$404.13	(RETURN TO CAPITAL, LAND & RISK)
CAPITAL COSTS	\$22.52		
RETURN TO LAND AND RISK		\$381.60	

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 2008.
 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	\$1.44	34 000	\$49.09		\$49.09
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)	\$0.55	100 LBS	\$55.00		\$55.00
NITROGEN (N)	\$0.63	50 LBS	\$31.50		\$31.50
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			\$263.11		\$263.11

PREHARVEST OPERATIONS	POWER UNIT	ACCOMPLISHMENT RATE	PURCHASED INPUTS	LABOR	FUEL & LUBE	REPAIRS	FIXED COST	TOTAL
DISC	185 HP	0.11 HR		\$0.82	\$3.48	\$1.66	\$3.80	\$9.75
CHISEL	185 HP	0.15 HR		\$1.12	\$4.74	\$1.17	\$4.69	\$11.72
DISC (2X)	185 HP	0.22 HR		\$1.64	\$6.95	\$3.32	\$7.60	\$19.50
FERT SPREADER	140 HP	0.05 HR		\$0.37	\$1.19	\$0.22	\$1.79	\$3.57
PLANTER	140 HP	0.17 HR		\$1.27	\$4.05	\$1.09	\$8.96	\$15.36
CULTIVATOR	140 HP	0.13 HR		\$0.97	\$3.10	\$1.05	\$6.03	\$11.14
IRRIGATE (14X)		1.40 HR		\$9.31	\$83.13	\$0.00	\$8.02	\$100.46
SUBTOTAL		2.23 HR		\$15.49	\$106.64	\$8.51	\$40.87	\$171.51

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			\$2.79	\$2.79
INSURANCE			\$0.31	\$0.31
LAND TAXES				\$0.74
SUPERVISION AND MANAGEMENT			\$56.33	\$56.33
OTHER EXPENSES			\$46.85	\$46.85
SUBTOTAL		0.21 HR	\$47.16	\$60.66

TOTAL OPERATING EXPENSES 2.44 HR \$349.17 \$76.16 \$106.64 \$8.51 \$41.61 \$582.08

NET OPERATING PROFIT \$196.67

INTEREST ON OPERATING CAPITAL (\$163.58 @ 7.75%) \$12.68
 INTEREST ON EQUIPMENT INVESTMENT \$23.09

RETURN TO LAND AND RISK \$160.90

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

BUDGET SUMMARY

GROSS RETURN		\$778.75	
VARIABLE OPERATING EXPENSES	\$464.31		
RETURN OVER VARIABLE EXPENSES	\$314.44	(GROSS MARGIN)	
FIXED EXPENSES	\$41.61		
NET FARM INCOME	\$272.82	(RETURN TO CAPITAL, LABOR, LAND & RISK)	
LABOR AND MANAGEMENT COST	\$76.16		
NET OPERATING PROFIT	\$196.67	(RETURN TO CAPITAL, LAND & RISK)	
CAPITAL COSTS	\$35.77		
RETURN TO LAND AND RISK	\$160.90		

TABLE 8. Summary of per acre costs and returns for a 640 acre farm with above average management Curry County Projected 2008.

	WHEAT	CORN FOR GRAIN
	BUSHEL	CWT
PRIMARY YIELD	75.00	105.00
PRIMARY PRICE	\$9.50	\$7.32
GOVERNMENT PAYMENTS	\$0.00	\$0.00
SECOND INCOME	\$40.00 ACRE	\$10.00 ACRE
GROSS RETURN	\$752.50	\$778.75
CASH OPERATING EXPENSES		
SEED	\$22.40	\$49.09
FERTILIZER	\$69.99	\$174.55
CHEMICALS	\$22.32	\$39.31
CROP INSURANCE	\$0.26	\$0.16
OTHER PURCHASED INPUTS		
CANAL WATER		
FUEL, OIL & LUBRICANTS-EQUIPMENT	\$19.46	\$23.51
FUEL-IRRIGATION	\$41.57	\$83.13
REPAIRS	\$7.16	\$8.51
CUSTOM CHARGES	\$20.76	\$38.90
LAND TAXES	\$0.74	\$0.74
OTHER EXPENSES	\$47.04	\$47.16
TOTAL CASH EXPENSES	\$251.70	\$465.06
RETURN OVER CASH EXPENSES	\$500.80	\$313.69
FIXED EXPENSES	\$30.52	\$40.87
TOTAL EXPENSES	\$282.22	\$505.93
NET FARM INCOME	\$470.28	\$272.82
LABOR AND MANAGEMENT COSTS	\$66.15	\$76.16
NET OPERATING PROFIT	\$404.13	\$196.67
CAPITAL COSTS		
INTEREST ON OPERATING CAPITAL	\$5.91	\$12.68
INTEREST ON EQUIPMENT INVESTMENT	\$16.61	\$23.09
TOTAL CAPITAL COSTS	\$22.52	\$35.77
RETURN TO LAND AND RISK	\$381.60	\$160.90

Flex Computation

428.73

224.86

TABLE 9. Whole farm summary, Curry County,
Projected 2008.

GROSS RETURNS		
WHEAT	194 ACRES	
CROP		\$138,225
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>\$384,283</u>
CASH OPERATING EXPENSES		
SEED		\$19,366
FERTILIZER		\$66,990
CHEMICALS		\$16,359
CROP INSURANCE		\$100
OTHER PURCHASED INPUTS		\$0
CANAL WATER		\$0
FUEL, OIL & LUBRICANTS-EQUIPMENT		\$10,968
FUEL-IRRIGATION		\$33,502
REPAIRS		\$3,992
CUSTOM CHARGES		\$15,931
LAND TAXES		\$372
OTHER EXPENSES		\$23,557
TOTAL CASH EXPENSES		<u>\$191,138</u>
RETURN OVER CASH EXPENSES		\$193,145
FIXED EXPENSES		\$18,426
TOTAL EXPENSES		\$209,564
NET FARM INCOME		\$174,718
LABOR AND MANAGEMENT COSTS		\$36,138
NET OPERATING PROFIT		\$138,581
CAPITAL COSTS		
INTEREST ON OPERATING CAPITAL		\$5,026
INTEREST ON EQUIPMENT INVESTMENT		\$10,289
TOTAL CAPITAL COSTS		<u>\$15,315</u>
RETURN TO LAND AND RISK		<u><u>\$123,265</u></u>

LAND VALUE	RETURN TO RISK*	RETURN ON INVESTMENT**
\$500 /ACRE	\$113,665	31.21%
\$1,000 /ACRE	\$104,065	18.14%
\$1,500 /ACRE	\$94,465	12.78%
\$2,000 /ACRE	\$84,865	9.87%
\$2,500 /ACRE	\$75,265	8.04%

* 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)