

TABLE 1. Acreage Summary, Curry County,
Projected 2018

BUDGET AREA.....	CURRY COUNTY
FARM SIZE.....	520 ACRES
IRRIGATION TYPE.....	FLOOD
NUMBER OF CROPS...	2

ACREAGE SUMMARY:	LAND USE (ACRES)	WATER USE	
		AC.IN. PER AC.	TOTAL AC.IN.
WHEAT	255	15	3,825
ARP	0		
FLEX IN WHEAT	45	15	675
GRAIN SORGHUM	170	20	3,400
ARP	0		
FLEX IN WHEAT	30	15	450
ROADS, DITCHES HOMESTEAD	<u>20</u>		
TOTAL	520		8,350
ACRE FEET PER ACRE OF WATER RIGHTS			<u>1.34</u>

TABLE 2. Basic cost information for Curry County,
Projected 2018

Item			
Labor Wage Rate:			
Equipment operators		\$/hour	\$7.75
General & Irrigators		\$/hour	\$7.50
Purchased Inputs:			
Fertilizer:			
Nitrogen (N)		\$/pound	\$0.31
Phosphate (P205)		\$/pound	\$0.24
Anhydrous (NH3)		\$/ton	\$420.00
Seed:			
Grain Sorghum		\$/pound	\$1.32
Wheat		\$/pound	\$0.44
Diesel fuel		\$/gallon	\$2.70
Gasoline		\$/gallon	\$2.40
Electricity (SWPS)		cents/KwHr	7.74
LP gas		\$/gallon	\$2.90
Natural Gas (Gas NM)		\$/MCF	\$4.00
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	5.50%
Land Interest Rate		percent	5.00%
Equipment Interest Rate		percent	5.50%
Real Interest Rate		percent	3.00%
Land Taxes		\$109.00 /acre (full value)	\$0.78
Personal Propety Tax Rate	- NR	\$/(\$1,000 (Assessed Value)	\$21.60
	- R		\$20.65
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 2018

Item			
Electricity (Domestic & Shop)		\$254.00 per month	\$3,048
Telephone		\$127.00 per month	\$1,524
Accounting & Legal			\$1,873
Misc. Supplies & Hand Tools			\$2,800
Pickup and Auto			
miles	25,400	@ \$0.500 per mile	\$12,700
Insurance			
- general liability (non-employee)			\$2,502
- fire/theft			\$2,007
Property Taxes			
- non-planted land			\$0
- other than land & machinery			\$0
Building repairs and maintenance			\$1,657
Dues, fees, publications			\$457
Farmstead Equipment			\$191
Total			<u>\$28,759</u>
Total Per Planted Acre			\$67.67

TABLE 4. Pumping costs and data for Curry County, Oregon 2018

INLET DATA	
DEPTH CHARACTERISTICS	
STATIC	300
DRAG DOWN	36
TOTAL HEAD	336
CASING	400
GALLONS PER MINUTE (GPM)	
550	
WORK HORSEPOWER	
47	
EFFICIENCY FACTOR:	
ELECTRICITY	0.92
NATURAL GAS	0.98
LP GAS	0.98
DIESEL	0.90
FUEL COST PER UNIT:	
ELECTRICITY	7.74 CENTS/KWH
NATURAL GAS	\$4.00 BACF
LP GAS	\$2.00 GAL
DIESEL	\$2.70 GAL

TABLE 5. Equipment summary for a 520 acre food irrigated wheat/grain sorghum farm with above average management, Curry County, Oregon 2018

EQUIPMENT ITEM & SIZE	ANNUAL HOURS OF USE	NUMBER	TOTAL VALUE	VARIABLE COSTS				FIXED COSTS		
				FUEL, OIL, LUBRICANT	REPAIR	FUEL, OIL, LUBRICANT PER HR	REPAIR PER HR	DEPRECIATION	TAXES	TOTAL PER HR
TRACTOR 140 HP	146	1	\$38,367	\$3,083	\$636	\$21.50	\$4.35	\$4,854	\$2,349	\$46.17
TRACTOR 185 HP	336	1	\$40,057	\$9,303	\$1,698	\$27.37	\$5.66	\$9,264	\$3,254	\$57.85
DISC 20 FT OFFSET	165	1	\$9,000	\$1,841	\$118	\$11.18	\$0.72	\$1,200	\$583	\$10.81
DRILL 20 FT	43	1	\$3,000	\$374	\$173	\$17.30	\$2.59	\$720	\$353	\$32.22
FERT SPREADER/DEALER FURNISHED	17	1	\$1,650	\$50	\$2.05	\$20.00	\$107	\$19.20		
CHISEL 9 PT	44	1	\$5,000	\$274	\$6.20	\$867	\$324	\$22.41		
CULTIVATOR 6 ROW	60	1	\$2,100	\$160	\$2.67	\$307	\$139	\$51.00		
LISTER 6 ROW	29	1	\$4,250	\$59	\$2.04	\$850	\$275	\$38.94		
ROD WEEDER 23 FT	14	1	\$625	\$11	\$0.78	\$63	\$41	\$8.11		
ELECTRIC WELL	6,871	1	\$14,400	\$31,400	\$0	\$4.57	\$0.00	\$1,120	\$907	\$0.30
TOTAL			\$121,688	\$43,866	\$5,004			\$16,265	\$8,013	

ITEM	NEW VALUE	USED VALUE	YEARS LIFE	EQUIP CODE	MAX HOURS	FUEL LUBE COEFF	ACCLM HOURS	INTEREST EXPENSE	USAGE LIST				
									WHEAT	MILO	PER ACRE TOTALS		
TRACTOR 140 HP	72,516	38,367	15	1	800	7.50	0.10	1,899.20	13	1,984.16	0.19	0.51	0.69
TRACTOR 185 HP	54,265	43,057	15	1	800	9.42	0.10	3,690.50	11	2,952.29	0.82	0.77	1.39
DISC 20 FT OFFSET	10,000	9,000	15	3	300			2940.00	16	495.00	0.33	0.33	0.66
DRILL 20 FT	7,200	3,600	10	8	100			557.70	13	198.00	0.13	0.00	0.13
FERT SPREADER/DEALER FURNISHED	1,650	1,650	15	3	300			382.50	15	90.75	0.00	0.15	0.15
CHISEL 9 PT	10,000	5,000	15	3	500			797.20	16	275.00	0.00	0.26	0.26
CULTIVATOR 6 ROW	4,300	2,150	15	3	300			960.00	18	118.25	0.12	0.12	0.24
LISTER 6 ROW	8,500	4,250	15	3	300			375.70	13	233.75	0.00	0.17	0.17
ROD WEEDER 23 FT	1,250	625	15	3	300			204.00	15	34.38	0.00	0.08	0.08
ELECTRIC WELL	28,000	14,000	25	0	8,742			10,987.77	15	770.00	12.34	16.46	28.80

INTEREST PROPORTION

WHEAT MILO
---\$ears per acre---
2.46 0.98
4.79 5.95
0.99 0.99
0.60 0.00
0.00 0.00
0.00 1.62
0.00 1.38
0.00 0.20
1.38 1.34
10.22 19.47

WHEAT ACRES: 330 PUMP WATER: 15.00

MACHINE	POWER LINT	TIMES OVER	RATE	ACCOMPLISHMENT	
				TOTAL	CUSTOM
DISC (2X)	185 HP	3.00	0.11	0.33	
ANHYDROUS APPL	185 HP	1.00	0.17	0.17	
LISTER	185 HP	1.00	0.12	0.12	
FERT SPREADER	145 HP	1.00	0.26	0.26	
DRILL	145 HP	1.00	0.13	0.13	
IRRIGATE (3X)		3.00	0.62	12.34	

COMBINE (CUSTOM) BASE RATE	19.00	16.00
EXTRA CHARGE PER BUSHEL OVER HULL (CUSTOM) PER BUSHEL		0.19
		0.16

MILO ACRES: 170 PUMP WATER: 20.00

MACHINE	POWER LINT	TIMES OVER	RATE	ACCOMPLISHMENT	
				TOTAL	CUSTOM
DISC	185 HP	1.00	0.11	0.11	
CHISEL	185 HP	1.00	0.15	0.15	
DISC (2X)	185 HP	1.00	0.17	0.17	
ANHYDROUS APPL	185 HP	1.00	0.17	0.17	
LISTER	185 HP	1.00	0.12	0.12	
PRE-IRRIGATE	140 HP	1.00	0.36	3.29	
ROD WEEDER	140 HP	1.00	0.26	0.68	
PLANT ER	140 HP	1.00	0.17	0.17	
CULTIVATOR (2X)	140 HP	1.00	0.13	0.26	
IRRIGATE (4X)		4.00	0.66	13.17	

COMBINE (CUSTOM) PER ACRE	36.67	20.00
EXTRA CHARGE PER CWT OVER HULL (CUSTOM) PER CWT		0.19

ANNUAL REPAIR COSTS AS A PERCENT OF NEW VALUE

Hours of Use	1	2	3	4	5	6	7	8	9
0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00140	0.00040	0.00240	0.00020
50.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00140	0.00040	0.00240	0.00020
100.00000	0.00000	0.00000	0.00000	0.00000	0.00040	0.00220	0.00100	0.00360	0.00030
200.00000	0.00000	0.00000	0.00040	0.00040	0.00180	0.00260	0.00110	0.00510	0.00050
300.00000	0.00000	0.00000	0.00080	0.00080	0.00220	0.00310	0.00140	0.00650	0.00040
400.00000	0.00000	0.00000	0.00120	0.00120	0.00260	0.00390	0.00170	0.00790	0.00050
500.00000	0.00000	0.00000	0.00160	0.00160	0.00300	0.00430	0.00210	0.00930	0.00060
600.00000	0.00000	0.00000	0.00200	0.00200	0.00340	0.00470	0.00250	0.01070	0.00070
700.00000	0.00000	0.00010	0.00240	0.00240	0.00380	0.00510	0.00290	0.01170	0.00080
800.00000	0.00000	0.00010	0.00280	0.00280	0.00420	0.00550	0.00330	0.01270	0.00090
900.00000	0.00000	0.00010	0.00320	0.00320	0.00460	0.00590	0.00370	0.01370	0.00100
#####	0.00000	0.00010	0.00360	0.00360	0.00500	0.00630	0.00410	0.01470	0.00110
#####	0.00045	0.00045	0.00085	0.00085	0.00125	0.00165	0.00205	0.00245	0.00115
#####	0.00045	0.00070	0.00110	0.00110	0.00150	0.00190	0.00230	0.00270	0.00120
#####	0.000150	0.000170	0.000200	0.000230	0.000260	0.000300	0.000350	0.000400	0.000450
#####	0.000150	0.000190	0.000235	0.000275	0.000315	0.000355	0.000405	0.000455	0.000505
#####	0.000175	0.000170	0.000265	0.000265	0.000265	0.000265	0.000265	0.000265	0.000265
#####	0.000110	0.000265	0.000265	0.000265	0.000265	0.000265	0.000265	0.000265	0.000265
#####	0.000056								
#####	0.000070								
#####	0.000062								
#####	0.000066								
#####	0.000108								
#####	0.000122								
#####	0.000136								
#####	0.000148								
#####	0.000162								
#####	0.000176								
#####	0.000188								
#####	0.000204								

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

Based on "Agricultural Machinery Data" in Agricultural Engineer's Yearbook, 1963.

- Codes
- 1 tractor
 - 2 balers, combines, forage harvesters, windrowers, pickups
 - 3 rotary hoes, disks, moldboard plows, chisels, field cultivators
 - 4 harrows, weigons, flails, rakes, subsoils, disk, drag, roller, water furrow, bed shaper
 - 5 balenagers, cotton pickers, cotton stripppers, corn pickers
 - 6 corn heads, forage equipment, rotary mowers, sickle choppers, feed wagons, farm trucks
 - 8 mowers, cutter mowers
 - 7 baler w/ engine, manure spreader
 - 8 planters, drills, seedling equipment, mounted sprayers
 - 9 fertilizer distributing equipment

TABLE 6. Wheat, flood-irrigated, budgeted per acre costs and returns for a 520 acre farm with above average management, Curry County,
 Projected 2018
 Planting Dates: August 15 - September 15
 Harvesting Dates: June 15 - July 15

ITEM	PRICE	YIELD	BASE	TOTAL
GROSS RETURNS				
WHEAT	\$4.40	65.00 BUSHELS		\$286.00
DIRECT PAYMENT	\$0.00	65.00 BUSHEL	0.85	\$0.00
COUNTER CYCLICAL PAYMENT	\$0.00			\$0.00
GRAZING	\$40.00	1.00 ACRE		\$40.00
TOTAL				\$326.00

PURCHASED INPUTS	PRICE	QUANTITY	PURCHASED INPUTS	FIXED COST	TOTAL
SEED	\$0.44	60 LBS	\$26.40		\$26.40
ANHYDROUS AMMONIA (NH3)	\$0.21	100 LBS	\$21.00		\$21.00
NITROGEN (N)	\$0.31	18 LBS	\$5.58		\$5.58
PHOSPHORUS (P205)	\$0.24	46 LBS	\$11.04		\$11.04
INSECTICIDE (CUSTOM)	\$9.59	1 ACRE	\$9.59		\$9.59
HERBICIDE (CUSTOM)	\$10.69	1 ACRE	\$10.69		\$10.69
PUMP WATER*		15 AC. IN.			
CROP INSURANCE	\$0.15		\$0.15		\$0.15
SUBTOTAL			\$84.45		\$84.45

PREHARVEST OPERATIONS	POWER UNIT	ACCOMPLISHMENT RATE	PURCHASED INPUTS	LABOR	FUEL & LUBE	REPAIRS	FIXED COST	TOTAL
DISC (3X)	185 HP	0.33 HR		\$2.56	\$9.23	\$5.55	\$12.75	\$30.09
ANHYDROUS APPL	185 HP	0.17 HR		\$1.32	\$4.75	\$0.96	\$4.73	\$11.77
LISTER	185 HP	0.12 HR		\$0.93	\$3.36	\$1.00	\$4.19	\$9.48
FERT SPREADER	145 HP	0.05 HR		\$0.39	\$1.05	\$0.22	\$2.46	\$4.12
DRILL	145 HP	0.13 HR		\$1.01	\$2.74	\$0.79	\$9.28	\$13.82
IRRIGATE (3X)		1.50 HR		\$11.25	\$56.41	\$0.00	\$3.64	\$71.30
SUBTOTAL		2.30 HR		\$17.45	\$77.55	\$8.52	\$37.06	\$140.57

HARVEST OPERATIONS								
COMBINE (CUSTOM)				\$24.74				\$24.74
HAUL (CUSTOM)				\$10.40				\$10.40
SUBTOTAL				\$35.14				\$35.14

OVERHEAD EXPENSES								
DOWNTIME		0.20 HR		\$1.55				\$1.55
EMPLOYEE BENEFITS				\$3.14				\$3.14
INSURANCE			\$0.35					\$0.35
LAND TAXES						\$0.78		\$0.78
SUPERVISION AND MANAGEMENT				\$24.72				\$24.72
OTHER EXPENSES			\$67.67					\$67.67
SUBTOTAL		0.20 HR		\$68.02	\$29.41		\$0.78	\$98.21

TOTAL OPERATING EXPENSES 2.50 HR \$187.60 \$46.86 \$77.55 \$8.52 \$37.84 \$358.37

NET OPERATING PROFIT (\$32.37)

INTEREST ON OPERATING CAPITAL (\$66.67 @ 5.50%) \$3.67
 INTEREST ON EQUIPMENT INVESTMENT \$10.22

RETURN TO LAND AND RISK (\$46.26)

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

BUDGET SUMMARY

GROSS RETURN		\$326.00		
VARIABLE OPERATING EXPENSES	\$273.67			
RETURN OVER VARIABLE EXPENSES		\$52.33	(GROSS MARGIN)	
FIXED EXPENSES	\$37.84			
NET FARM INCOME		\$14.49	(RETURN TO CAPITAL, LABOR, LAND & RISK)	
LABOR AND MANAGEMENT COST	\$46.86			
NET OPERATING PROFIT		(\$32.37)	(RETURN TO CAPITAL, LAND & RISK)	
CAPITAL COSTS	\$13.89			
RETURN TO LAND AND RISK		(\$46.26)		

TABLE 7. Grain sorghum, flood-irrigated, budgeted per acre costs and returns for a 520 acre farm with above average management, Curry County,
 Projected 2018
 Planting Dates: May 15 - June 15
 Harvesting Dates: October 15 - November 15

ITEM	PRICE	YIELD	BASE	TOTAL
GROSS RETURNS				
GRAIN SORGHUM	\$6.08	65.00 CWT		\$395.11
DIRECT PAYMENT	\$0.00	65.00 CWT	0.85	\$0.00
COUNTER CYCLICAL PAYMENT	\$0.00	0.00 CWT		\$0.00
GRAZING	\$9.00	1.00 ACRE		\$9.00
TOTAL				\$404.11

PURCHASED INPUTS	PRICE	QUANTITY	PURCHASED INPUTS	FIXED COST	TOTAL
SEED	\$1.32	5 LBS	\$6.60		\$6.60
ANHYDROUS (NH3)	\$0.21	150 LBS	\$31.50		\$31.50
NITROGEN (N)	\$0.31	25 LBS	\$7.75		\$7.75
PHOSPHORUS (P205)	\$0.24	50 LBS	\$12.00		\$12.00
HERBICIDE (CUSTOM)	\$14.11	1 X/ACRE	\$14.11		\$14.11
INSECTICIDE (CUSTOM)	\$13.49	1 X/ACRE	\$13.49		\$13.49
TRACE ELEMENTS	\$13.89	1 ACRE	\$13.89		\$13.89
PUMP WATER*		20 AC. IN.			
CROP INSURANCE	\$0.29		\$0.29		\$0.29
SUBTOTAL			\$99.63		\$99.63

PREHARVEST OPERATIONS	POWER UNIT	ACCOMPLISHMENT RATE	PURCHASED INPUTS	LABOR	FUEL & LUBE	REPAIRS	FIXED COST	TOTAL
DISC	185 HP	0.11 HR		\$0.85	\$3.08	\$1.85	\$4.25	\$10.03
CHISEL	185 HP	0.15 HR		\$1.16	\$4.20	\$1.16	\$6.10	\$12.61
DISC (2X)	185 HP	0.22 HR		\$1.71	\$6.15	\$3.70	\$8.50	\$20.06
ANHYDROUS APPL	185 HP	0.17 HR		\$1.32	\$4.75	\$0.96	\$4.73	\$11.77
LISTER	185 HP	0.12 HR		\$0.93	\$3.36	\$1.00	\$4.19	\$9.48
PRE-IRRIGATE		0.50 HR		\$3.88	\$15.04	\$0.00	\$0.97	\$19.89
ROD WEEDER	140 HP	0.08 HR		\$0.62	\$1.69	\$0.41	\$4.66	\$7.38
PLANTER	140 HP	0.17 HR		\$1.32	\$3.59	\$1.09	\$14.98	\$20.97
CULTIVATOR (2X)	140 HP	0.26 HR		\$2.02	\$5.49	\$2.74	\$18.61	\$28.86
IRRIGATE (4X)		2.00 HR		\$15.00	\$60.17	\$0.00	\$3.88	\$79.05
SUBTOTAL		3.78 HR		\$28.80	\$107.51	\$12.90	\$70.88	\$220.09

HARVEST OPERATIONS								
COMBINE (CUSTOM)			\$28.43					\$28.43
HAUL (CUSTOM)			\$12.35					\$12.35
SUBTOTAL			\$40.78					\$40.78

OVERHEAD EXPENSES								
DOWNTIME		0.32 HR		\$2.48				\$2.48
EMPLOYEE BENEFITS				\$5.18				\$5.18
INSURANCE			\$0.58					\$0.58
LAND TAXES						\$0.78		\$0.78
SUPERVISION AND MANAGEMENT				\$31.18				\$31.18
OTHER EXPENSES			\$67.67					\$67.67
SUBTOTAL		0.32 HR		\$68.24	\$38.84		\$0.78	\$107.87

TOTAL OPERATING EXPENSES 4.10 HR \$208.66 \$67.64 \$107.51 \$12.90 \$71.67 \$468.37

NET OPERATING PROFIT (\$64.26)

INTEREST ON OPERATING CAPITAL (\$83.32 @ 5.50%) \$4.58
 INTEREST ON EQUIPMENT INVESTMENT \$19.47

RETURN TO LAND AND RISK (\$88.32)

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

GROSS RETURN		\$404.11		
VARIABLE OPERATING EXPENSES	\$329.07			
RETURN OVER VARIABLE EXPENSES		\$75.04	(GROSS MARGIN)	
FIXED EXPENSES	\$71.67			
NET FARM INCOME		\$3.37	(RETURN TO CAPITAL, LABOR, LAND & RISK)	
LABOR AND MANAGEMENT COST	\$67.64			
NET OPERATING PROFIT		(\$64.26)	(RETURN TO CAPITAL, LAND & RISK)	
CAPITAL COSTS	\$24.06			
RETURN TO LAND AND RISK		(\$88.32)		

TABLE 8. Summary of per acre costs and returns for a 520 acre farm with above average management, Curry County, Projected 2018

	WHEAT	GRAIN SORGHUM
	BUSHEL	CWT
PRIMARY YIELD	65.00	65.00
PRIMARY PRICE	\$4.40	\$6.08
GOVERNMENT PAYMENTS	\$0.00	\$0.00
SECOND INCOME	\$40.00 ACRE	\$9.00 ACRE
GROSS RETURN	\$326.00	\$404.11
CASH OPERATING EXPENSES		
SEED	\$26.40	\$6.60
FERTILIZER	\$37.62	\$65.14
CHEMICALS	\$20.28	\$27.60
CROP INSURANCE	\$0.15	\$0.29
OTHER PURCHASED INPUTS		
CANAL WATER		
FUEL, OIL & LUBRICANTS-EQUIPMENT	\$21.14	\$32.30
FUEL-IRRIGATION	\$56.41	\$75.21
REPAIRS	\$8.52	\$12.90
CUSTOM CHARGES	\$35.14	\$40.78
LAND TAXES	\$0.78	\$0.78
OTHER EXPENSES	\$68.02	\$68.24
TOTAL CASH EXPENSES	\$274.45	\$329.85
RETURN OVER CASH EXPENSES	\$51.55	\$74.26
FIXED EXPENSES	\$37.06	\$70.88
TOTAL EXPENSES	\$311.51	\$400.73
NET FARM INCOME	\$14.49	\$3.37
LABOR AND MANAGEMENT COSTS	\$46.86	\$67.64
NET OPERATING PROFIT	(\$32.37)	(\$64.26)
CAPITAL COSTS		
INTEREST ON OPERATING CAPITAL	\$3.67	\$4.58
INTEREST ON EQUIPMENT INVESTMENT	\$10.22	\$19.47
TOTAL CAPITAL COSTS	\$13.89	\$24.06
RETURN TO LAND AND RISK	<u>(\$46.26)</u>	<u>(\$88.32)</u>

Flex Computation

1.02

2.04

TABLE 9. Whole farm summary, Curry County,
Projected 2018

GROSS RETURNS		
WHEAT	330 ACRES	
CROP		\$94,380
GRAZING		\$13,200
DIRECT PAYMENT		\$0
COUNTER CYCLICAL PAYMENT		\$0
GRAIN SORGHUM	170 ACRES	
CROP		\$67,168
GRAZING		\$1,530
DIRECT PAYMENT		\$0
COUNTER CYCLICAL PAYMENT		\$0
GROSS RETURN		<u>\$176,278</u>
CASH OPERATING EXPENSES		
SEED		\$9,834
FERTILIZER		\$23,488
CHEMICALS		\$11,382
CROP INSURANCE		\$100
OTHER PURCHASED INPUTS		\$0
CANAL WATER		\$0
FUEL, OIL & LUBRICANTS-EQUIPMENT		\$12,466
FUEL-IRRIGATION		\$31,400
REPAIRS		\$5,004
CUSTOM CHARGES		\$18,529
LAND TAXES		\$392
OTHER EXPENSES		\$34,047
TOTAL CASH EXPENSES		<u>\$146,644</u>
RETURN OVER CASH EXPENSES		\$29,634
FIXED EXPENSES		\$24,279
TOTAL EXPENSES		\$170,923
NET FARM INCOME		\$5,356
LABOR AND MANAGEMENT COSTS		\$26,962
NET OPERATING PROFIT		(\$21,607)
CAPITAL COSTS		
INTEREST ON OPERATING CAPITAL		\$1,989
INTEREST ON EQUIPMENT INVESTMENT		\$6,683
TOTAL CAPITAL COSTS		<u>\$8,672</u>
RETURN TO LAND AND RISK		<u><u>(\$30,279)</u></u>

LAND VALUE	RETURN TO RISK*	RETURN ON INVESTMENT**
\$500 /ACRE	(\$38,079)	-5.66%
\$1,000 /ACRE	(\$45,879)	-3.37%
\$1,500 /ACRE	(\$53,679)	-2.40%
\$2,000 /ACRE	(\$61,479)	-1.86%
\$2,500 /ACRE	(\$69,279)	-1.52%

* 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)