

TABLE 1. Acreage Summary, Roosevelt County, Projected 2013.

BUDGET AREA..... PORTALES VALLEY, ROOSEVELT COUNTY			
FARM SIZE.....	320 ACRES		
IRRIGATION TYPE.....	SPRINKLER		
NUMBER OF CROPS...	4		
WATER USE			
ACREAGE SUMMARY:	LAND USE (ACRES)	AC.IN. PER AC.	TOTAL AC.IN.
WHEAT	53.55	18	964
ARP	0.00		
FLEX IN WHEAT	9.45	18	170
CORN	52.70	30	1,581
ARP	0.00		
FLEX IN WHEAT	9.30	18	167
GRAIN SORGHUM	52.70	20	1,054
ARP	0.00		
FLEX IN WHEAT	9.30	18	167
PEANUTS	63.00	22	1,386
CORNERS, ROADS, HOMESTEAD	70.00		
TOTAL	320.00		5,490
ACRE FEET PER ACRE OF WATER RIGHTS			1.43

TABLE 2. Basic cost information for the Portales Valley, Roosevelt County, Projected 2013.

Item			
Labor Wage Rate:			
Equipment operators	\$/hour		\$8.55
General & Irrigators	\$/hour		\$7.50
Purchased Inputs:			
Fertilizer:			
Nitrogen (N)	\$/pound		\$0.61
Phosphate (P205)	\$/pound		\$0.60
Seed:			
Wheat	\$/pound		\$0.65
Corn	\$/bag		\$242.80
Grain Sorghum	\$/pound		\$2.04
Peanuts	\$/pound		\$0.95
Energy:			
Natural gas (Gas NM)	\$/MCF		\$3.99
Diesel fuel	\$/gallon		\$3.00
Gasoline	\$/gallon		\$3.80
Electricity (SWPS)	cents/KwHr		11.68
LP Gas	\$/gallon		\$3.05
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		5.00%
Land Interest Rate	percent		5.00%
Equipment Interest Rate	percent		5.00%
Real Interest Rate	percent		3.00%
Land Taxes	\$89.00 /acre (full value)		\$0.72
Personal Property Tax Rate	- NR	\$/ \$1,000 (Assessed Value)	\$24.22
	- R		\$21.52
Supervision Factor	\$/labor hour		\$0.50
Management Rate	percent		7.00%

TABLE 3. Overhead cost information for the Portales Valley, Roosevelt County, Projected 2013.

Item			
Electricity (Domestic & Shop)		\$242.00 per month	\$2,904
Telephone		\$121.00 per month	\$1,452
Accounting & Legal			\$1,773
Misc. Supplies & Hand Tools			\$2,668
Pickup and Auto			
miles	24,926	@ \$0.500 per mile	\$12,463
Insurance			
- general liability (non-employee)			\$1,912
- fire/theft			\$1,513
Property Taxes			
- non-planted land			\$0
- other than land & machinery			\$6,010
Building repairs and maintenance			\$1,452
Dues, fees, publications			\$436
Farmstead Equipment			\$182
Total			\$32,763
Total Per Planted Acre			\$133.56

TABLE 4 Pumping costs and data for irrigation wells, Pinaloos Valley, Roosevelt County, Projected 2013

INPUT DATA	
DELIVERY PSI	40
DEPTH CHARACTERISTICS	
STAIN	80
DRAW DOWN	20
TOTAL HEAD	100
CASAL	120
GALLONS PER MINUTE (GPM)	400
WORK HORSEPOWER	19
EFFICIENCY FACTOR	
ELECTRICITY	0.430
NATURAL GAS	0.136
LP GAS	0.130
DIESEL	0.130
FUEL COST PER HOUR	
ELECTRICITY	11.68 CENTS/KWH
NATURAL GAS	\$3.69 \$/ACF
LP GAS	\$3.66 \$/GAL
DIESEL	\$3.00 \$/GAL
PUMPING COSTS	
ELECTRIC WELL	
COST PER HOUR	\$3.97
COST PER ACRE INCH	\$4.46
NATURAL GAS WELL	
COST PER HOUR	\$1.75
COST PER ACRE INCH	\$1.98
LP GAS WELL	
COST PER HOUR	\$13.06
COST PER ACRE INCH	\$14.78
DIESEL WELL	
COST PER HOUR	\$8.08
COST PER ACRE INCH	\$9.14

TABLE 5 Equipment summary for a 320 acre, center-irrigated farm with above average management, Pinaloos Valley, Projected 2013

EQUIPMENT	ITEM & SIZE	ANNUAL HOURS OF USE	NUMBER	TOTAL VALUE	VARIABLE COSTS				FIXED COSTS		TOTAL PER HR
					FUEL CON. LUBRICANT	REPAIR PER HR	FUEL CON. PER HR	REPAIR PER HR	DEPRECIATION	TAXES	
TRACTOR	126 HP	150	1	\$33,917	\$4,702	\$296	\$31.35	\$3.97	\$2,847	\$287	\$19.43
TRACTOR	185 HP	274	1	\$43,057	\$5,503	\$1,547	\$31.08	\$5.66	\$6,284	\$30	\$24.36
PLANTER	20	1	1	\$4,250	\$58	\$58	\$2.04	\$2.04	\$50	\$34	\$36.89
CULTIVATOR	6 ROW	44	1	\$2,200	\$136	\$136	\$3.10	\$3.10	\$33	\$0	\$6.07
DISC	14 FT	89	1	\$3,000	\$307	\$307	\$3.72	\$3.72	\$40	\$24	\$4.30
DRILL	13 FT	15	1	\$2,150	\$15	\$15	\$1.03	\$1.03	\$40	\$17	\$30.46
LETTERS	6 ROW	20	1	\$2,150	\$54	\$54	\$2.67	\$2.67	\$207	\$17	\$15.64
FLOW (MOLDBOARD)	4-14 IN	81	1	\$4,000	\$407	\$407	\$4.96	\$4.96	\$53	\$32	\$7.00
SPRAYER (MTD)	6 ROW	29	1	\$1,400	\$78	\$78	\$3.67	\$3.67	\$17	\$11	\$6.62
DI AND INVERT	2 ROW	15	1	\$25	\$0	\$0	\$0.03	\$0.03	\$3	\$5	\$0.85
ROW WEEDER	6 ROW	8	1	\$25	\$7	\$7	\$0.79	\$0.79	\$3	\$5	\$15.49
FERT SPREADER	DEALER FURNISHED	13	1								
PEANUT TRASSER		50	1	\$39,000	\$58	\$58	\$1.16	\$1.16	\$3,807	\$34	\$41.36
PEANUT TRAILER		50	1	\$3,500	\$7	\$7	\$0.14	\$0.14	\$467	\$28	\$8.82
CENTER PIVOT SPRINKLER		6,211	1	\$15,000	\$0	\$0	\$0.00	\$0.00	\$3,000	\$121	\$9.34
ELECTRIC WELL		6,211	1	\$8,400	\$24,669	\$0	\$3.97	\$0.00	\$672	\$68	\$0.12
				\$153,579	\$37,664	\$3,206			\$19,124	\$1,266	

EQUIPMENT LIST

ITEM	NEW VALUE	USED VALUE	YEARS LIFE	EQUIP CODE	MAX HOURS	FUEL CON COEF	LUBE HOURS	ACCUA ACES	INTEREST EXPENSE
TRACTOR	126 HP	66185.00	39191.50	25.00	1.00	800.00	7.50	0.10	2700.22
TRACTOR	185 HP	94285.00	42956.50	15.00	1.00	800.00	9.42	0.10	3069.89
PLANTER	6 ROW	8000.00	4250.00	10.00	8.00	100.00			272.16
CULTIVATOR	6 ROW	2000.00	2500.00	10.00	3.00	300.00			700.04
DISC	14 FT	3000.00	3000.00	10.00	3.00	300.00			1278.95
DRILL	13 FT	4300.00	2150.00	10.00	8.00	100.00			109.84
LETTERS	6 ROW	4300.00	2150.00	10.00	3.00	300.00			293.33
FLOW (MOLDBOARD)	4-14 IN	8000.00	4000.00	10.00	3.00	300.00			1203.31
SPRAYER (MTD)	6 ROW	2800.00	1400.00	10.00	8.00	100.00			426.82
DI AND INVERT	2 ROW	1250.00	625.00	10.00	4.00	100.00			226.80
ROW WEEDER	6 ROW	1250.00	625.00	10.00	3.00	300.00			126.48
FERT SPREADER	DEALER FURNISHED								212.50
PEANUT TRASSER		39000.00	29000.00	10.00	3.00	300.00			720.00
PEANUT TRAILER		7000.00	3500.00	10.00	4.00	300.00			150.00
CENTER PIVOT SPRINKLER		30000.00	15000.00	10.00	0.00	8342.00	0.00	0.00	8168.77
ELECTRIC WELL		16800.00	8400.00	25.00	0.00	8742.00	0.00	0.00	8168.77

USAGE LIST

WHEAT				GRAN SCORGHUM				PEANUTS				PER ACRE TOTALS		
	WHEAT	CORN	GRAN		WHEAT	CORN	GRAN		WHEAT	CORN	GRAN		WHEAT	CORN

INTEREST PROPORTION

WHEAT	CORN	GRAN SCORGHUM	PEANUTS
2.54	5.03	9.87	13.97
2.41	9.47	18.43	16.43
0.80	1.26	1.26	1.26
0.00	0.74	0.74	0.74
0.83	0.68	0.68	0.68
1.32	0.00	0.00	0.00
0.00	0.64	0.64	0.64
0.00	1.19	1.19	1.19
0.00	0.42	0.42	0.42
0.00	0.00	0.00	0.00
0.00	0.30	0.30	0.30
0.00	0.00	0.00	23.02
0.00	0.00	0.00	2.78
2.46	4.10	2.73	3.01
1.38	2.30	1.68	1.68
10.53	26.72	24.59	67.97

WHEAT ACRES: 81.6 PUMP WATER: 18.00

MACHINE	POWER HP	TIMES OVER	RATE	TOTAL CUSTOM
DISC 120	185 HP	1.00	0.14	0.14
FERT SPREADER	126 HP	1.00	0.05	0.05
DRILL	126 HP	1.00	0.18	0.18
RRIGATE (80)	126 HP	8.00	1.13	20.37

CORN FOR GRAN ACRES: 52.70 PUMP WATER: 30.00

MACHINE	POWER HP	TIMES OVER	RATE	TOTAL CUSTOM
DISC	185 HP	1.00	0.14	0.14
FLOW	185 HP	1.00	0.46	0.46
FERT SPREADER	126 HP	1.00	0.14	0.14
PRE-IRRIGATE	126 HP	1.00	0.05	0.05
SPRAY & DISC	185 HP	1.00	0.17	0.17
LETTERS	126 HP	1.00	0.06	0.06
PRE-IRRIGATE	126 HP	1.00	0.12	0.12
ROW WEED	126 HP	1.00	0.06	0.06
PLANT ER	185 HP	1.00	0.17	0.17
CULTIVATOR 120	126 HP	2.00	0.13	0.26
RRIGATE (120)	126 HP	12.00	1.04	31.33

COMBINE (CUSTOM) RATE PER ACRE PER CWT OVER 30 PER BUSHEL OVER 30

MACHINE	POWER HP	TIMES OVER	RATE	TOTAL CUSTOM
HULL (CUSTOM) PER BUSHEL				18.00
				0.21
				0.16

COMBINE (CUSTOM) RATE PER CWT HULL (CUSTOM) PER CWT

MACHINE	POWER HP	TIMES OVER	RATE	TOTAL CUSTOM
				0.35
				0.18

GRAN SCORGHUM ACRES: 52.70 PUMP WATER: 20.00

MACHINE	POWER HP	TIMES OVER	RATE	TOTAL CUSTOM
DISC	185 HP	1.00	0.14	0.14
FLOW	185 HP	1.00	0.46	0.46
DISC	185 HP	1.00	0.14	0.14
FERT SPREADER	126 HP	1.00	0.05	0.05
DISC & SPRAY	185 HP	1.00	0.17	0.17
LETTERS	126 HP	1.00	0.12	0.12
PRE-IRRIGATE	126 HP	1.00	0.10	0.26
ROW WEED	126 HP	1.00	0.06	0.06
PLANTER	185 HP	1.00	0.17	0.17
CULTIVATOR 120	126 HP	2.00	0.13	0.26
RRIGATE (100)	126 HP	10.00	1.03	20.57

COMBINE (CUSTOM) RATE PER ACRE PER CWT OVER 36.67 CWT HULL (CUSTOM) PER CWT

MACHINE	POWER HP	TIMES OVER	RATE	TOTAL CUSTOM
				20.50
				0.31
				0.18

PEANUTS ACRES: 63.00 PUMP WATER: 22.00

MACHINE	POWER HP	TIMES OVER	RATE	TOTAL CUSTOM
DISC	185 HP	1.00	0.14	0.14
FLOW	185 HP	1.00	0.46	0.46
DISC	185 HP	1.00	0.14	0.14
FERT SPREADER	126 HP	1.00	0.05	0.05
SPRAY & DISC	185 HP	1.00	0.17	0.17
PRE-IRRIGATE	126 HP	1.00	0.10	0.26
LETTERS	126 HP	1.00	0.12	0.12
PLANTER	185 HP	1.00	0.17	0.17
APPLY FUNGICIDE (CUSTOM)	126 HP	2.00	0.13	0.26
CULTIVATOR 120	126 HP	2.00	0.13	0.26
RRIGATE (120)	126 HP	10.00	1.03	22.63
DGA - NO INVERT	185 HP	1.00	0.24	0.24
COMBINE PEANUTS	185 HP	1.00	0.80	0.80
HULL	126 HP	1.00	0.80	0.80

ANNUAL REPAIR COSTS AS A PERCENT OF NEW VALUE

Hours of Use	1	2	3	4	5	6	7	8	9
0	0.000000	0.000000	0.000000	0.000000	0.000000	0.00140	0.000040	0.000240	0.000000
50	0.000060	0.000020	0.000020	0.000020	0.000080	0.00140	0.000040	0.000240	0.000000
100	0.000060	0.000020	0.000020	0.000020	0.000140	0.000200	0.000100	0.000060	0.000000
200	0.000030	0.000030	0.000030	0.000040	0.000180	0.000280	0.000110	0.000070	0.000060
300	0.000030	0.000050	0.000060	0.000090	0.000200	0.000300	0.000140	0.000090	0.000050
400	0.000030	0.000060	0.000070	0.000090	0.000280	0.000340	0.000150	0.000100	0.000060
500	0.000030	0.000070	0.000090	0.000110	0.000280	0.000370	0.000160	0.000100	0.000060
600	0.000030	0.000090	0.000100	0.000120	0.000310	0.000390	0.000160	0.000100	0.000060
700	0.000030	0.000100	0.000110	0.000130	0.000310	0.000410	0.000170	0.000110	0.000060
800	0.000030	0.000110	0.000120	0.000140	0.000310	0.000430	0.000180	0.000110	0.000060
900	0.000030	0.000120	0.000130	0.000150	0.000310	0.000470	0.000190	0.000110	0.000060
1000	0.000090	0.000130	0.000130	0.000180	0.000380	0.000480	0.000220	0.000120	0.000080
1200	0.000090	0.000160	0.000160	0.000210	0.000450	0.000560	0.000240	0.000130	0.000080
1400	0.000045	0.000170	0.000200	0.000230	0.000420	0.000510	0.000240	0.000130	0.000070
1600	0.000100	0.000170	0.000200	0.000230	0.000420	0.000510</			

TABLE 6. Wheat, sprinkler-irrigated, budgeted per acre costs and returns for a 320 acre farm with above average management, Portales Valley, Roosevelt County, Projected 2013.

Planting Dates: August 20 - September 15

Harvest Dates: June 1 - June 25

ITEM	PRICE	YIELD	BASE	TOTAL
GROSS RETURNS				
WHEAT	\$7.75	60.00 BUSHEL		\$465.00
DIRECT PAYMENT	\$0.00	60.00 BUSHEL	0.85	\$0.00
COUNTER CYCLICAL PAYMENT	\$0.00			\$0.00
GRAZING	\$40.00	1.00 ACRE		\$40.00
TOTAL				\$505.00

PURCHASED INPUTS	PRICE	QUANTITY	PURCHASED INPUTS	FIXED COST	TOTAL
SEED	\$0.65	60 LBS	\$39.00		\$39.00
NITROGEN (N)	\$0.61	120 LBS	\$73.20		\$73.20
PHOSPHATE (P205)	\$0.60	40 LBS	\$24.00		\$24.00
INSECTICIDE (CUSTOM)	\$20.01	1 X/ACRE	\$20.01		\$20.01
PUMP WATER*		18 AC. IN.			
CROP INSURANCE	\$0.61		\$0.61		\$0.61
SUBTOTAL			\$156.82		\$156.82

PREHARVEST OPERATIONS	POWER UNIT	ACCOMPLISHMENT RATE	PURCHASED INPUTS	LABOR	FUEL & LUBE	REPAIRS	FIXED COST	TOTAL
DISC (2X)	185 HP	0.28 HR		\$2.39	\$8.70	\$2.63	\$8.02	\$21.75
FERT SPREADER	126 HP	0.05 HR		\$0.43	\$1.57	\$0.20	\$0.97	\$3.16
DRILL	126 HP	0.18 HR		\$1.54	\$5.64	\$0.90	\$8.98	\$17.06
IRRIGATE (6X)		0.60 HR		\$4.50	\$80.85	\$0.00	\$9.38	\$94.73
SUBTOTAL		1.11 HR		\$8.86	\$96.76	\$3.72	\$27.36	\$136.70

HARVEST OPERATIONS								
COMBINE (CUSTOM)			\$22.30					\$22.30
HAUL (CUSTOM)			\$9.60					\$9.60
SUBTOTAL			\$31.90					\$31.90

OVERHEAD EXPENSES								
DOWNTIME		0.13 HR		\$1.09				\$1.09
EMPLOYEE BENEFITS				\$1.59				\$1.59
INSURANCE			\$0.18					\$0.18
LAND TAXES						\$0.72		\$0.72
SUPERVISION AND MANAGEMENT				\$35.91				\$35.91
OTHER EXPENSES			\$133.56					\$133.56
SUBTOTAL		0.13 HR	\$133.74	\$38.59		\$0.72		\$173.05

TOTAL OPERATING EXPENSES		1.24 HR	\$322.46	\$47.45	\$96.76	\$3.72	\$28.07	\$498.47
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NET OPERATING PROFIT								\$6.53
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INTEREST ON OPERATING CAPITAL	(\$106.19	@	5.00%)			\$5.31
INTEREST ON EQUIPMENT INVESTMENT								\$10.53

RETURN TO LAND AND RISK								(\$9.31)
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* Pump water costs are shown under irrigation in the preharvest operations section.

BUDGET SUMMARY

GROSS RETURN		\$505.00	
VARIABLE OPERATING EXPENSES	\$422.95		
RETURN OVER VARIABLE EXPENSES		\$82.05	(GROSS MARGIN)
FIXED EXPENSES	\$28.07		
NET FARM INCOME		\$53.98	(RETURN TO CAPITAL, LABOR, LAND & RISK)
LABOR AND MANAGEMENT COST	\$47.45		
NET OPERATING PROFIT		\$6.53	(RETURN TO CAPITAL, LAND & RISK)
CAPITAL COSTS	\$15.84		
RETURN TO LAND AND RISK		(\$9.31)	

TABLE 7. Corn for grain, sprinkler-irrigated, budgeted per acre costs and returns for a 320 acre farm with above average management, Portales Valley, Roosevelt County, Projected 2013.
 Planting Dates: April 25 - May 30
 Harvest Dates: November 1 - November 30

ITEM	PRICE	YIELD	BASE	TOTAL
GROSS RETURNS				
CORN FOR GRAIN	\$11.34	70.00 CWT		\$793.75
DIRECT PAYMENT	\$0.00	70.00 CWT	0.85	\$0.00
COUNTER CYCLICAL PAYMENT	\$0.00	0.00 CWT		\$0.00
GRAZING	\$15.00	1.00 ACRE		\$15.00
TOTAL				\$808.75

PURCHASED INPUTS	PRICE	QUANTITY	PURCHASED INPUTS	FIXED COST	TOTAL
SEED	\$3.04	28 000	\$84.98		\$84.98
NITROGEN (N)	\$0.61	150 LBS	\$91.50		\$91.50
PHOSPHATE (P205)	\$0.60	60 LBS	\$36.00		\$36.00
HERBICIDE	\$16.96	1 X/ACRE	\$16.96		\$16.96
INSECTICIDE (CUSTOM)	\$20.01	2 X/ACRE	\$40.01		\$40.01
PUMP WATER*		30 AC. IN.			
CROP INSURANCE	\$0.95		\$0.95		\$0.95
SUBTOTAL			\$270.40		\$270.40

PREHARVEST OPERATIONS	POWER UNIT	ACCOMPLISHMENT RATE	PURCHASED INPUTS	LABOR	FUEL & LUBE	REPAIRS	FIXED COST	TOTAL
DISC	185 HP	0.14 HR		\$1.20	\$4.35	\$1.31	\$4.01	\$10.87
PLOW	185 HP	0.48 HR		\$4.10	\$14.92	\$5.10	\$15.05	\$39.17
DISC	185 HP	0.14 HR		\$1.20	\$4.35	\$1.31	\$4.01	\$10.87
FERT SPREADER	126 HP	0.05 HR		\$0.43	\$1.57	\$0.20	\$0.97	\$3.16
SPRAY & DISC	185 HP	0.17 HR		\$1.45	\$5.28	\$1.71	\$6.05	\$14.49
PRE-IRRIGATE		0.10 HR		\$0.75	\$10.37	\$0.00	\$1.20	\$12.32
LISTER	126 HP	0.12 HR		\$1.03	\$3.76	\$0.80	\$4.14	\$9.72
ROD WEED	126 HP	0.08 HR		\$0.68	\$2.51	\$0.38	\$2.39	\$5.96
PLANT ER	185 HP	0.17 HR		\$1.45	\$5.28	\$1.31	\$9.39	\$17.44
CULTIVATOR (2X)	126 HP	0.26 HR		\$2.22	\$8.15	\$1.84	\$7.15	\$19.36
IRRIGATE (12X)		1.20 HR		\$9.00	\$124.39	\$0.00	\$14.43	\$147.82
SUBTOTAL		2.91 HR		\$23.52	\$184.92	\$13.95	\$68.80	\$291.19

HARVEST OPERATIONS

COMBINE (CUSTOM)			\$24.50					\$24.50
HAUL (CUSTOM)			\$12.60					\$12.60
SUBTOTAL			\$37.10					\$37.10

OVERHEAD EXPENSES

DOWNTIME		0.20 HR		\$1.67				\$1.67
EMPLOYEE BENEFITS				\$4.23				\$4.23
INSURANCE			\$0.47					\$0.47
LAND TAXES							\$0.72	\$0.72
SUPERVISION AND MANAGEMENT				\$57.73				\$57.73
OTHER EXPENSES			\$133.56					\$133.56
SUBTOTAL		0.20 HR		\$134.03	\$63.63		\$0.72	\$198.38

TOTAL OPERATING EXPENSES 3.11 HR \$441.54 \$87.15 \$184.92 \$13.95 \$69.52 \$797.08

NET OPERATING PROFIT \$11.67

INTEREST ON OPERATING CAPITAL	(\$188.01 @ 5.00%)	\$9.40
INTEREST ON EQUIPMENT INVESTMENT		\$26.72

RETURN TO LAND AND RISK (\$24.45)

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

GROSS RETURN		\$808.75	
VARIABLE OPERATING EXPENSES	\$640.41		
RETURN OVER VARIABLE EXPENSES		\$168.34	(GROSS MARGIN)
FIXED EXPENSES	\$69.52		
NET FARM INCOME		\$98.82	(RETURN TO CAPITAL, LABOR, LAND & RISK)
LABOR AND MANAGEMENT COST	\$87.15		
NET OPERATING PROFIT		\$11.67	(RETURN TO CAPITAL, LAND & RISK)
CAPITAL COSTS	\$36.12		
RETURN TO LAND AND RISK		(\$24.45)	

TABLE 8. Grain sorghum, sprinkler-irrigated, budgeted per acre costs and returns for a 320 acre farm with above average management, Portales Valley, Roosevelt County, Projected 2013.
 Planting Dates: May 15 - June 10
 Harvest Dates: October 15 - November 15

ITEM	PRICE	YIELD	BASE	TOTAL
GROSS RETURNS				
GRAIN SORGHUM	\$10.43	65.00 CWT		\$678.09
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				\$687.09

PURCHASED INPUTS	PRICE	QUANTITY	PURCHASED INPUTS	FIXED COST	TOTAL
SEED	\$2.04	6 LBS	\$12.24		\$12.24
NITROGEN (N)	\$0.61	150 LBS	\$91.50		\$91.50
PHOSPHATE (P205)	\$0.60	40 LBS	\$24.00		\$24.00
HERBICIDE	\$16.96	1 ACRE	\$16.96		\$16.96
INSECTICIDE (CUSTOM)	\$20.01	1 ACRE	\$20.01		\$20.01
PUMP WATER*		20 AC. IN.			
CROP INSURANCE	\$0.95		\$0.95		\$0.95
SUBTOTAL			\$165.66		\$165.66

PREHARVEST OPERATIONS	POWER UNIT	ACCOMPLISHMENT RATE	PURCHASED INPUTS	LABOR	FUEL & LUBE	REPAIRS	FIXED COST	TOTAL
DISC	185 HP	0.14 HR		\$1.20	\$4.35	\$1.31	\$4.01	\$10.87
PLOW	185 HP	0.48 HR		\$4.10	\$14.92	\$5.10	\$15.05	\$39.17
DISC	185 HP	0.14 HR		\$1.20	\$4.35	\$1.31	\$4.01	\$10.87
FERT SPREADER	126 HP	0.05 HR		\$0.43	\$1.57	\$0.20	\$0.97	\$3.16
DISC & SPRAY	185 HP	0.17 HR		\$1.45	\$5.28	\$1.71	\$6.05	\$14.49
LISTER	126 HP	0.12 HR		\$1.03	\$3.76	\$0.80	\$4.14	\$9.72
PRE-IRRIGATE		0.10 HR		\$0.75	\$8.17	\$0.00	\$0.95	\$9.86
ROD WEED	126 HP	0.08 HR		\$0.68	\$2.51	\$0.38	\$2.39	\$5.96
PLANTER	185 HP	0.17 HR		\$1.45	\$5.28	\$1.31	\$9.39	\$17.44
CULTIVATOR (2X)	126 HP	0.26 HR		\$2.22	\$8.15	\$1.84	\$7.15	\$19.36
IRRIGATE (10X)		1.00 HR		\$7.50	\$81.67	\$0.00	\$9.48	\$98.64
SUBTOTAL		2.71 HR		\$22.02	\$140.01	\$13.95	\$63.59	\$239.56

HARVEST OPERATIONS								
COMBINE (CUSTOM)				\$29.28				\$29.28
HAUL (CUSTOM)				\$12.35				\$12.35
SUBTOTAL				\$41.63				\$41.63

OVERHEAD EXPENSES								
DOWNTIME		0.39 HR		\$3.36				\$3.36
EMPLOYEE BENEFITS				\$3.96				\$3.96
INSURANCE				\$0.44				\$0.44
LAND TAXES							\$0.72	\$0.72
SUPERVISION AND MANAGEMENT				\$49.38				\$49.38
OTHER EXPENSES				\$133.56				\$133.56
SUBTOTAL		0.39 HR		\$134.00	\$56.70		\$0.72	\$191.42

TOTAL OPERATING EXPENSES 3.10 HR \$341.29 \$78.72 \$140.01 \$13.95 \$64.31 \$638.27

NET OPERATING PROFIT \$48.82

INTEREST ON OPERATING CAPITAL (\$124.79 @ 5.00%) \$6.24
 INTEREST ON EQUIPMENT INVESTMENT \$24.59

RETURN TO LAND AND RISK \$17.99

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

GROSS RETURN		\$687.09	
VARIABLE OPERATING EXPENSES	\$495.25		
RETURN OVER VARIABLE EXPENSES	\$191.84		(GROSS MARGIN)
FIXED EXPENSES	\$64.31		
NET FARM INCOME	\$127.53		(RETURN TO CAPITAL, LABOR, LAND & RISK)
LABOR AND MANAGEMENT COST	\$78.72		
NET OPERATING PROFIT	\$48.82		(RETURN TO CAPITAL, LAND & RISK)
CAPITAL COSTS	\$30.83		
RETURN TO LAND AND RISK		\$17.99	

TABLE 9. Peanuts, sprinkler-irrigated, budgeted per acre costs and returns for a 320 acre farm with above average management, Portales Valley, Roosevelt County, Projected 2013.
 Planting Dates: May 10 - June 10
 Harvest Dates: October 10 - November 10

ITEM	PRICE	YIELD	TOTAL
GROSS RETURNS			
PEANUTS	\$0.15	2,600.00 LBS	\$393.90
TOTAL			\$393.90

PURCHASED INPUTS	PRICE	QUANTITY	PURCHASED INPUTS	FIXED COST	TOTAL
SEED	\$0.95	100 LB	\$95.00		\$95.00
NITROGEN (N)	\$0.61	60 LB	\$36.60		\$36.60
PHOSPHATE (P205)	\$0.60	80 LB	\$48.00		\$48.00
HERBICIDE	\$16.96	1 X/ACRE	\$16.96		\$16.96
INSECTICIDE (CUSTOM)	\$20.01	1 X/ACRE	\$20.01		\$20.01
FUNGICIDE	\$37.67	1 X/ACRE	\$37.67		\$37.67
TRACE ELEMENTS	\$11.89	1 X/ACRE	\$11.89		\$11.89
PUMP WATER*		22 AC. IN.			
SUBTOTAL			\$266.13		\$266.13

PREHARVEST OPERATIONS	POWER UNIT	ACCOMPLISHMENT RATE	PURCHASED INPUTS	LABOR	FUEL & LUBE	REPAIRS	FIXED COST	TOTAL
DISC	185 HP	0.14 HR		\$1.20	\$4.35	\$1.31	\$4.01	\$10.87
PLOW	185 HP	0.48 HR		\$4.10	\$14.92	\$5.10	\$15.05	\$39.17
DISC	185 HP	0.14 HR		\$1.20	\$4.35	\$1.31	\$4.01	\$10.87
FERT SPREADER	126 HP	0.05 HR		\$0.43	\$1.57	\$0.20	\$0.97	\$3.16
SPRAY & DISC	185 HP	0.17 HR		\$1.45	\$5.28	\$1.71	\$6.05	\$14.49
PRE-IRRIGATE		0.10 HR		\$0.75	\$8.98	\$0.00	\$1.04	\$10.78
LISTE R	126 HP	0.12 HR		\$1.03	\$3.76	\$0.80	\$4.14	\$9.72
PLANTER	126 HP	0.17 HR		\$1.45	\$5.28	\$1.31	\$9.39	\$17.44
APPLY FUNGICIDE (CUSTOM)			\$27.00					\$27.00
CULTIVATOR (2X)	126 HP	0.26 HR		\$2.22	\$8.15	\$1.84	\$7.15	\$19.36
HAND HOE (CUSTOM)			\$12.00					\$12.00
IRRIGATE (10X)		1.00 HR		\$7.50	\$89.84	\$0.00	\$10.42	\$107.76
SUBTOTAL		2.63 HR	\$39.00	\$21.33	\$146.48	\$13.57	\$62.24	\$282.62

HARVEST OPERATIONS	POWER UNIT	ACCOMPLISHMENT RATE	PURCHASED INPUTS	LABOR	FUEL & LUBE	REPAIRS	FIXED COST	TOTAL
DIG AND INVERT	185 HP	0.24 HR		\$2.05	\$7.46	\$1.36	\$7.25	\$18.12
COMBINE PEANUTS	185 HP	0.80 HR		\$6.84	\$24.86	\$5.45	\$84.58	\$121.73
HAUL	126 HP	0.80 HR		\$6.84	\$25.08	\$3.29	\$23.40	\$58.60
SUBTOTAL		1.84 HR	\$0.00	\$15.73	\$57.40	\$10.11	\$115.23	\$198.46

OVERHEAD EXPENSES	ACCOMPLISHMENT RATE	PURCHASED INPUTS	LABOR	FUEL & LUBE	REPAIRS	FIXED COST	TOTAL
DOWNTIME	0.61 HR		\$5.22				\$5.22
EMPLOYEE BENEFITS			\$6.67				\$6.67
INSURANCE		\$0.74					\$0.74
LAND TAXES						\$0.72	\$0.72
SUPERVISION AND MANAGEMENT			\$29.42				\$29.42
OTHER EXPENSES		\$133.56					\$133.56
SUBTOTAL	0.61 HR	\$134.30	\$41.31			\$0.72	\$176.33

TOTAL OPERATING EXPENSES	5.08 HR	\$439.43	\$78.37	\$203.88	\$23.68	\$178.18	\$923.54
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NET OPERATING PROFIT							(\$529.64)
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INTEREST ON OPERATING CAPITAL	(\$178.70 @ 5.00%)						\$8.94
INTEREST ON EQUIPMENT INVESTMENT							\$67.91

RETURN TO LAND AND RISK							(\$606.49)
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* Pump water costs are shown under irrigation in the preharvest operations section.

BUDGET SUMMARY

GROSS RETURN		\$393.90	
VARIABLE OPERATING EXPENSES	\$666.99		
RETURN OVER VARIABLE EXPENSES	(\$273.09)	(GROSS MARGIN)	
FIXED EXPENSES	\$178.18		
NET FARM INCOME	(\$451.27)	(RETURN TO CAPITAL, LABOR, LAND & RISK)	
LABOR AND MANAGEMENT COST	\$78.37		
NET OPERATING PROFIT	(\$529.64)	(RETURN TO CAPITAL, LAND & RISK)	
CAPITAL COSTS	\$76.84		
RETURN TO LAND AND RISK	(\$606.49)		

TABLE 10. Summary of per acre costs and returns for a 320 acre farm with above average management, Roosevelt County, Projected 2013.

	WHEAT	CORN	GRAIN SORGHUM	PEANUTS
	BU	CWT	CWT	LBS
PRIMARY YIELD	60.00	70.00	65.00	2,600.00
PRIMARY PRICE	\$7.75	\$11.34	\$10.43	\$0.15
GOVERNMENT PAYMENTS	\$0.00	\$0.00	\$0.00	\$0.00
SECOND INCOME	\$40.00	\$15.00	\$9.00	\$0.00
GROSS RETURN	\$505.00	\$808.75	\$687.09	\$393.90
CASH OPERATING EXPENSES				
SEED	\$39.00	\$84.98	\$12.24	\$95.00
FERTILIZER	\$97.20	\$127.50	\$115.50	\$84.60
CHEMICALS	\$20.01	\$56.97	\$36.97	\$74.64
CROP INSURANCE	\$0.61	\$0.95	\$0.95	
OTHER PURCHASED INPUTS				\$11.89
CANAL WATER				
FUEL, OIL & LUBRICANTS-EQUIPMENT	\$15.91	\$50.17	\$50.17	\$105.06
FUEL-IRRIGATION	\$80.85	\$134.75	\$89.84	\$98.82
REPAIRS	\$3.72	\$13.95	\$13.95	\$23.68
CUSTOM CHARGES	\$31.90	\$37.10	\$41.63	\$39.00
LAND TAXES	\$0.72	\$0.72	\$0.72	\$0.72
OTHER EXPENSES	\$133.74	\$134.03	\$134.00	\$134.30
TOTAL CASH EXPENSES	\$423.67	\$641.13	\$495.97	\$667.70
RETURN OVER CASH EXPENSES	\$81.33	\$167.62	\$191.12	(\$273.80)
FIXED EXPENSES	\$27.36	\$68.80	\$63.59	\$177.47
TOTAL EXPENSES	\$451.02	\$709.93	\$559.56	\$845.17
NET FARM INCOME	\$53.98	\$98.82	\$127.53	(\$451.27)
LABOR AND MANAGEMENT COSTS	\$47.45	\$87.15	\$78.72	\$78.37
NET OPERATING PROFIT	\$6.53	\$11.67	\$48.82	(\$529.64)
CAPITAL COSTS				
INTEREST ON OPERATING CAPITAL	\$5.31	\$9.40	\$6.24	\$8.94
INTEREST ON EQUIPMENT INVESTMENT	\$10.53	\$26.72	\$24.59	\$67.91
TOTAL CAPITAL COSTS	\$15.84	\$36.12	\$30.83	\$76.84
RETURN TO LAND AND RISK	(\$9.31)	(\$24.45)	\$17.99	(\$606.49)
Flex Computation	28.57	71.07	106.17	

TABLE 11. Whole farm summary, Portales Valley, Roosevelt County,
Projected 2013.

GROSS RETURNS		
WHEAT	81.60 ACRES	
CROP		\$37,944
GRAZING		\$3,264
DIRECT PAYMENT		\$0
COUNTER CYCLICAL PAYMENT		\$0
CORN FOR GRAIN	52.70 ACRES	
CROP		\$41,831
GRAZING		\$791
DIRECT PAYMENT		\$0
COUNTER CYCLICAL PAYMENT		\$0
GRAIN SORGHUM	52.70 ACRES	
CROP		\$35,735
GRAZING		\$474
DIRECT PAYMENT		\$0
COUNTER CYCLICAL PAYMENT		\$0
PEANUTS	63.00 ACRES	
CROP		\$24,816
GROSS RETURN		<u>\$144,854</u>
CASH OPERATING EXPENSES		
SEED		\$14,291
FERTILIZER		\$26,067
CHEMICALS		\$11,285
CROP INSURANCE		\$150
OTHER PURCHASED INPUTS		\$749
CANAL WATER		\$0
FUEL, OIL & LUBRICANTS-EQUIPMENT		\$13,205
FUEL-IRRIGATION		\$24,659
REPAIRS		\$3,266
CUSTOM CHARGES		\$9,209
LAND TAXES		\$180
OTHER EXPENSES		\$33,500
TOTAL CASH EXPENSES		<u>\$136,561</u>
RETURN OVER CASH EXPENSES		\$8,293
FIXED EXPENSES		\$20,390
TOTAL EXPENSES		\$156,951
NET FARM INCOME		(\$12,096)
LABOR AND MANAGEMENT COSTS		\$17,550
NET OPERATING PROFIT		(\$29,647)
CAPITAL COSTS		
INTEREST ON OPERATING CAPITAL		\$1,820
INTEREST ON EQUIPMENT INVESTMENT		\$7,841
TOTAL CAPITAL COSTS		<u>\$9,662</u>
RETURN TO LAND AND RISK		<u>(\$39,309)</u>

LAND VALUE	RETURN TO RISK*	RETURN ON INVESTMENT**
\$500 /ACRE	(\$44,109)	-9.45%
\$750 /ACRE	(\$46,509)	-7.53%
\$1,000 /ACRE	(\$48,909)	-6.26%
\$1,250 /ACRE	(\$51,309)	-5.36%
\$1,500 /ACRE	(\$53,709)	-4.68%
\$1,750 /ACRE	(\$56,109)	-4.15%
\$2,000 /ACRE	(\$58,509)	-3.74%

* 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)