

TABLE 1. Acreage Summary, Curry County,
Projected 2021

BUDGET AREA.....	CURRY COUNTY
FARM SIZE.....	1600 ACRES
IRRIGATION TYPE.....	DRYLAND
NUMBER OF CROPS...	2
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ACREAGE SUMMARY:	LAND USE (ACRES)
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WHEAT	450.50
ARP	0.00
FLEX IN WHEAT	79.50
GRAIN SORGHUM	450.50
ARP	0.00
FLEX IN WHEAT	79.50
FALLOW	530.00
ROADS, HOMESTEAD	10.00
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TOTAL	1,600.00
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TABLE 2. Basic cost information for Curry County,
Projected 2021

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Item			
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Labor Wage Rate:			
Equipment operators	\$/hour		\$7.75
General & Irrigators	\$/hour		\$7.50
Purchased Inputs:			
Fertilizer:			
Anhydrous Ammonia	\$/ton		\$745.00
Seed:			
Wheat	\$/pound		\$0.40
Grain Sorghum	\$/pound		\$2.05
Diesel fuel	\$/gallon		\$2.59
Gasoline	\$/gallon		\$2.41
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		4.25%
Land Interest Rate	percent		5.25%
Equipment Interest Rate	percent		3.50%
Real Interest Rate	percent		5.25%
Land Taxes	\$40.00 /acre (full value)		\$40.00
Personal Property Tax Rate	- NR	\$/ \$1,000 (Assessed Value)	\$21.74
	- R		\$20.29
Supervision Factors			
Field Crop-Equipment & General	\$/labor hour		\$1.00
Management Rate	percent		7.00%
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TABLE 3. Overhead cost information for Curry County,
Projected 2021

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Item			
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Electricity (Domestic & Shop)		\$256.00 per month	\$3,072
Telephone		\$128.00 per month	\$1,536
Accounting & Legal			\$1,875
Misc. Supplies & Hand Tools			\$2,842
Pickup and Auto			
miles	38,400	@ \$0.500 per mile	\$19,200
Insurance			
- general liability (non-employee)			\$2,528
- fire/theft			\$2,022
Property Taxes			
- non-planted land			\$0
- other than land & machinery			\$0
Building repairs and maintenance			\$1,664
Dues, fees, publications			\$461
Farmstead Equipment			\$192
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Total			\$35,392
Total Per Planted Acre			\$22.26
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TABLE 5. Wheat, dryland, budgeted per acre costs and returns for a 1,600 acre farm with above average management, Curry County, Projected 2021
 Planting Dates: September 1 - October 15
 Harvesting Dates: June 15 - July 15

ITEM	PRICE	YIELD	Base					TOTAL	
GROSS RETURNS									
WHEAT	\$4.65	18.00 BUSHEL						\$83.70	
PROGRAM PAYMENT	\$0.00	18.00 BUSHEL	0.85					\$0.00	
PLC PAYMENT	\$0.00							\$0.00	
GRAZING	\$20.00	1.00 ACRE						\$20.00	
TOTAL								\$103.70	
PURCHASED INPUTS									
	PRICE	QUANTITY	PURCHASED INPUTS					FIXED COST	TOTAL
SEED	\$0.40	30 LBS	\$12.00						\$12.00
HERBICIDE	\$7.05	1 ACRE	\$7.05						\$7.05
CROP INSURANCE	\$0.08		\$0.08						\$0.08
SUBTOTAL			\$19.13						\$19.13
PREHARVEST OPERATIONS									
	POWER UNIT	ACCOMPLISHMENT RATE	PURCHASED INPUTS	LABOR	FUEL & LUBE	REPAIRS	FIXED COST	TOTAL	
SWEEP (2X)	300 HP	0.10 HR		\$0.78	\$4.14	\$1.83	\$7.03	\$13.78	
ROD WEEDER	300 HP	0.05 HR		\$0.39	\$2.07	\$0.57	\$3.23	\$6.26	
DRILL	300 HP	0.05 HR		\$0.39	\$2.07	\$0.68	\$4.58	\$7.72	
SUBTOTAL		0.20 HR		\$1.55	\$8.28	\$3.08	\$14.85	\$27.76	
HARVEST OPERATIONS									
COMBINE (CUSTOM)			\$9.25					\$9.25	
HAUL (CUSTOM)			\$2.88					\$2.88	
SUBTOTAL			\$12.13					\$12.13	
OVERHEAD EXPENSES									
DOWNTIME		0.05 HR		\$0.39				\$0.39	
EMPLOYEE BENEFITS				\$0.28				\$0.28	
INSURANCE			\$0.03					\$0.03	
LAND TAXES							\$40.00	\$40.00	
SUPERVISION AND MANAGEMENT				\$7.46				\$7.46	
OTHER EXPENSES			\$22.26					\$22.26	
SUBTOTAL		0.05 HR	\$22.29	\$8.13			\$40.00	\$70.42	
TOTAL OPERATING EXPENSES		0.25 HR	\$53.55	\$9.68	\$8.28	\$3.08	\$54.85	\$129.44	
NET OPERATING PROFIT								(\$25.74)	
INTEREST ON OPERATING CAPITAL		(\$9.85 @	4.25%)				\$0.42	
INTEREST ON EQUIPMENT INVESTMENT								\$3.58	
RETURN TO LAND AND RISK								(\$29.73)	

BUDGET SUMMARY		
GROSS RETURN		\$103.70
VARIABLE OPERATING EXPENSES	\$64.91	
RETURN OVER VARIABLE EXPENSES	\$38.79	(GROSS MARGIN)
FIXED EXPENSES	\$54.85	
NET FARM INCOME	(\$16.06)	(RETURN TO CAPITAL, LABOR, LAND & RISK)
LABOR AND MANAGEMENT COST	\$9.68	
NET OPERATING PROFIT	(\$25.74)	(RETURN TO CAPITAL, LAND & RISK)
CAPITAL COSTS	\$3.99	
RETURN TO LAND AND RISK	(\$29.73)	

TABLE 6. Grain sorghum, dryland, budgeted per acre costs and returns for a 1,600 acre farm with aboveaverage management, Curry County,
 Projected 2021
 Planting Dates: May 15 - June 20
 Harvesting Dates: October 15 - November 15

ITEM	PRICE	YIELD	BASE					TOTAL
GROSS RETURNS								
GRAIN SORGHUM	\$6.33	18.00 CWT						\$113.85
PROGRAM PAYMENT	\$0.00	18.00 CWT	0.85					\$0.00
PLC PAYMENT	\$0.00	0.00 CWT						\$0.00
GRAZING	\$16.00	1.00 ACRE						\$16.00
TOTAL								\$129.85
PURCHASED INPUTS								
	PRICE	QUANTITY	PURCHASED INPUTS				FIXED COST	TOTAL
SEED	\$2.05	2 LBS	\$3.08					\$3.08
ANHYDROUS	\$0.37	50 LBS	\$18.63					\$18.63
HERBICIDE	\$13.22	1 X/ACRE	\$13.22					\$13.22
INSECTICIDE	\$13.22	1 X/ACRE	\$13.22					\$13.22
CROP INSURANCE	\$0.11		\$0.11					\$0.11
SUBTOTAL			\$48.26					\$48.26
PREHARVEST OPERATIONS								
	POWER UNIT	ACCOMPLISHMENT RATE	PURCHASED INPUTS	LABOR	FUEL & LUBE	REPAIRS	FIXED COST	TOTAL
SWEEP (2X)	300 HP	0.10 HR		\$0.78	\$4.14	\$1.83	\$7.03	\$13.78
ROD WEEDER	300 HP	0.05 HR		\$0.39	\$2.07	\$0.57	\$3.23	\$6.26
ANHYDROUS APPL	155 HP	0.17 HR		\$1.32	\$3.95	\$0.91	\$5.91	\$12.08
DRILL	155 HP	0.05 HR		\$0.39	\$1.16	\$0.45	\$3.25	\$5.26
ROTARY HOE	155 HP	0.05 HR		\$0.39	\$1.16	\$0.39	\$2.33	\$4.26
CULTIVATOR	155 HP	0.13 HR		\$1.01	\$3.02	\$1.50	\$6.08	\$11.61
SUBTOTAL		0.55 HR		\$4.26	\$15.50	\$5.65	\$27.84	\$53.25
HARVEST OPERATIONS								
COMBINE (CUSTOM)			\$9.67					\$9.67
HAUL (CUSTOM)			\$3.42					\$3.42
SUBTOTAL			\$13.09					\$13.09
OVERHEAD EXPENSES								
DOWNTIME		0.10 HR		\$0.78				\$0.78
EMPLOYEE BENEFITS				\$0.77				\$0.77
INSURANCE			\$0.09					\$0.09
LAND TAXES							\$40.00	\$40.00
SUPERVISION AND MANAGEMENT				\$9.64				\$9.64
OTHER EXPENSES			\$22.26					\$22.26
SUBTOTAL		0.10 HR	\$22.34	\$11.18			\$40.00	\$73.53
TOTAL OPERATING EXPENSES		0.65 HR	\$83.69	\$15.44	\$15.50	\$5.65	\$67.84	\$188.12
NET OPERATING PROFIT								(\$58.27)
INTEREST ON OPERATING CAPITAL		(\$30.51 @	4.25%)				\$1.30
INTEREST ON EQUIPMENT INVESTMENT								\$6.81
RETURN TO LAND AND RISK								(\$66.37)

BUDGET SUMMARY

GROSS RETURN		\$129.85	
VARIABLE OPERATING EXPENSES	\$104.84		
RETURN OVER VARIABLE EXPENSES		\$25.01	(GROSS MARGIN)
FIXED EXPENSES	\$67.84		
NET FARM INCOME		(\$42.82)	(RETURN TO CAPITAL, LABOR, LAND & RISK)
LABOR AND MANAGEMENT COST	\$15.44		
NET OPERATING PROFIT		(\$58.27)	(RETURN TO CAPITAL, LAND & RISK)
CAPITAL COSTS	\$8.11		
RETURN TO LAND AND RISK		(\$66.37)	

TABLE 7. Summary of per acre costs and returns for a 1,600 acre farm with above average management, Curry County, Projected 2021

	WHEAT	GRAIN SORGHUM
	BUSHEL	CWT
PRIMARY YIELD	18.00	18.00
PRIMARY PRICE	\$4.65	\$6.33
GOVERNMENT PAYMENTS	\$0.00	\$0.00
SECOND INCOME	\$20.00 ACRE	\$16.00 ACRE
GROSS RETURN	\$103.70	\$129.85
CASH OPERATING EXPENSES		
SEED	\$12.00	\$3.08
FERTILIZER		\$18.63
CHEMICALS	\$7.05	\$26.44
CROP INSURANCE	\$0.08	\$0.11
OTHER PURCHASED INPUTS		
FUEL, OIL & LUBRICANTS-EQUIPMENT	\$8.28	\$15.50
REPAIRS	\$3.08	\$5.65
CUSTOM CHARGES	\$12.13	\$13.09
LAND TAXES	\$40.00	\$40.00
OTHER EXPENSES	\$22.29	\$22.34
TOTAL CASH EXPENSES	\$104.91	\$144.84
RETURN OVER CASH EXPENSES	(\$1.21)	(\$14.99)
FIXED EXPENSES	\$14.85	\$27.84
TOTAL EXPENSES	\$119.76	\$172.67
NET FARM INCOME	(\$16.06)	(\$42.82)
LABOR AND MANAGEMENT COSTS	\$9.68	\$15.44
NET OPERATING PROFIT	(\$25.74)	(\$58.27)
CAPITAL COSTS		
INTEREST ON OPERATING CAPITAL	\$0.42	\$1.30
INTEREST ON EQUIPMENT INVESTMENT	\$3.58	\$6.81
TOTAL CAPITAL COSTS	\$3.99	\$8.11
RETURN TO LAND AND RISK	<u>(\$29.73)</u>	<u>(\$66.37)</u>
Flex Computation	-11.31	-31.73

TABLE 8. Whole farm summary, Curry County,
Projected 2021

GROSS RETURNS		
WHEAT	530 acres	
CROP		\$44,361
GRAZING		\$10,600
PROGRAM PAYMENT		\$0
PLC PAYMENT		\$0
GRAIN SORGHUM	530 acres	
CROP		\$60,341
GRAZING		\$8,480
PROGRAM PAYMENT		\$0
PLC PAYMENT		\$0
GROSS RETURN		<u>\$123,782</u>
CASH OPERATING EXPENSES		
SEED		\$8,699
FERTILIZER		\$8,391
CHEMICALS		\$16,212
CROP INSURANCE		\$100
OTHER PURCHASED INPUTS		\$0
FUEL, OIL & LUBRICANTS-EQUIPMENT		\$12,026
REPAIRS		\$4,424
CUSTOM CHARGES		\$13,290
LAND TAXES		\$42,400
OTHER EXPENSES		\$23,652
TOTAL CASH EXPENSES		<u>\$129,194</u>
RETURN OVER CASH EXPENSES		(\$5,413)
FIXED EXPENSES		\$21,590
TOTAL EXPENSES		\$150,784
NET FARM INCOME		(\$27,003)
LABOR AND MANAGEMENT COSTS		\$12,855
NET OPERATING PROFIT		(\$39,857)
CAPITAL COSTS		
INTEREST ON OPERATING CAPITAL		\$839
INTEREST ON EQUIPMENT INVESTMENT		\$5,247
TOTAL CAPITAL COSTS		<u>\$6,086</u>
RETURN TO LAND AND RISK		<u><u>(\$45,943)</u></u>

LAND VALUE	RETURN TO RISK*	RETURN ON INVESTMENT**
\$150 /ACRE	(\$58,543)	-10.50%
\$200 /ACRE	(\$62,743)	-8.68%
\$250 /ACRE	(\$66,943)	-7.39%
\$300 /ACRE	(\$71,143)	-6.43%

* 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)