

TABLE 1. Acreage Summary, Curry County,
Projected 2019

BUDGET AREA.....	CURRY COUNTY
FARM SIZE.....	1600 ACRES
IRRIGATION TYPE.....	DRYLAND
NUMBER OF CROPS... 2	
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ACREAGE SUMMARY:	LAND USE (ACRES)
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
TOTAL	1,600.00

TABLE 2. Basic cost information for Curry County,
Projected 2019

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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		\$2.65
Gasoline	\$/gallon		\$2.35
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	\$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%

TABLE 3. Overhead cost information for Curry County,
Projected 2019

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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
		Total	<u>\$35,392</u>
		Total Per Planted Acre	<u>\$22.26</u>

TABLE 5. Wheat, dryland, budgeted per acre costs and returns for a 1,600 acre farm with above average management, Curry County,
 Projected 2019
 Planting Dates: September 1 - October 15
 Harvesting Dates: June 15 - July 15

ITEM	PRICE	YIELD	Base						TOTAL	
GROSS RETURNS										
WHEAT	\$5.10	18.00 BUSHELS							\$91.80	
PROGRAM PAYMENT	\$0.00	18.00 BUSHE	0.85						\$0.00	
PLC PAYMENT	\$0.00								\$0.00	
GRAZING	\$20.00	1.00 ACRE							\$20.00	
TOTAL									\$111.80	
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	\$4.23	\$1.83	\$7.03	\$13.87		
ROD WEEDER	300 HP	0.05 HR		\$0.39	\$2.12	\$0.57	\$3.23	\$6.30		
DRILL	300 HP	0.05 HR		\$0.39	\$2.12	\$0.68	\$4.58	\$7.77		
SUBTOTAL		0.20 HR		\$1.55	\$8.47	\$3.08	\$14.85	\$27.95		
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				\$8.03				\$8.03		
OTHER EXPENSES			\$22.26					\$22.26		
SUBTOTAL		0.05 HR	\$22.29	\$8.69			\$40.00	\$70.98		
TOTAL OPERATING EXPENSES		0.25 HR	\$53.55	\$10.24	\$8.47	\$3.08	\$54.85	\$130.20		
NET OPERATING PROFIT								(\$18.40)		
INTEREST ON OPERATING CAPITAL		(\$9.90 @	5.50%)				\$0.54		
INTEREST ON EQUIPMENT INVESTMENT								\$5.62		
RETURN TO LAND AND RISK								(\$24.56)		
BUDGET SUMMARY										
GROSS RETURN			\$111.80							
VARIABLE OPERATING EXPENSES	\$65.11									
RETURN OVER VARIABLE EXPENSES		\$46.69	(GROSS MARGIN)							
FIXED EXPENSES	\$54.85									
NET FARM INCOME		(\$8.15)	(RETURN TO CAPITAL, LABOR, LAND & RISK)							
LABOR AND MANAGEMENT COST	\$10.24									
NET OPERATING PROFIT		(\$18.40)	(RETURN TO CAPITAL, LAND & RISK)							
CAPITAL COSTS	\$6.16									
RETURN TO LAND AND RISK			(\$24.56)							

TABLE 6. Grain sorghum, dryland, budgeted per acre costs and returns for a 1,600 acre farm with aboveaverage management, Curry County,
 Projected 2019
 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	\$4.23	\$1.83	\$7.03	\$13.87
ROD WEEDER	300 HP	0.05 HR		\$0.39	\$2.12	\$0.57	\$3.23	\$6.30
ANHYDROUS APPL	155 HP	0.17 HR		\$1.32	\$4.04	\$0.91	\$5.91	\$12.18
DRILL	155 HP	0.05 HR		\$0.39	\$1.19	\$0.45	\$3.25	\$5.28
ROTARY HOE	155 HP	0.05 HR		\$0.39	\$1.19	\$0.39	\$2.33	\$4.29
CULTIVATOR	155 HP	0.13 HR		\$1.01	\$3.09	\$1.50	\$6.08	\$11.68
SUBTOTAL		0.55 HR		\$4.26	\$15.86	\$5.65	\$27.84	\$53.60

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	\$15.86	\$5.65	\$67.84	\$188.48
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NET OPERATING PROFIT									(\$58.63)
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INTEREST ON OPERATING CAPITAL			(\$30.59	@	5.50%)		\$1.68
INTEREST ON EQUIPMENT INVESTMENT									\$10.70

RETURN TO LAND AND RISK									(\$71.01)
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BUDGET SUMMARY	
GROSS RETURN	\$129.85
VARIABLE OPERATING EXPENSES	\$105.20
RETURN OVER VARIABLE EXPENSES	\$24.65 (GROSS MARGIN)
FIXED EXPENSES	\$67.84
NET FARM INCOME	(\$43.18) (RETURN TO CAPITAL, LABOR, LAND & RISK)
LABOR AND MANAGEMENT COST	\$15.44
NET OPERATING PROFIT	(\$58.63) (RETURN TO CAPITAL, LAND & RISK)
CAPITAL COSTS	\$12.38
RETURN TO LAND AND RISK	(\$71.01)

TABLE 7. Summary of per acre costs and returns for a 1,600 acre farm with above average management, Curry County, Projected 2019

	WHEAT	GRAIN SORGHUM
	BUSHEL	CWT
PRIMARY YIELD	18.00	18.00
PRIMARY PRICE	\$5.10	\$6.33
GOVERNMENT PAYMENTS	\$0.00	\$0.00
SECOND INCOME	\$20.00 ACRE	\$16.00 ACRE
GROSS RETURN	\$111.80	\$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	\$8.47	\$15.86
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	\$105.11	\$145.20
RETURN OVER CASH EXPENSES	\$6.69	(\$15.35)
FIXED EXPENSES	\$14.85	\$27.84
TOTAL EXPENSES	\$119.95	\$173.03
NET FARM INCOME	(\$8.15)	(\$43.18)
LABOR AND MANAGEMENT COSTS	\$10.24	\$15.44
NET OPERATING PROFIT	(\$18.40)	(\$58.63)
CAPITAL COSTS		
INTEREST ON OPERATING CAPITAL	\$0.54	\$1.68
INTEREST ON EQUIPMENT INVESTMENT	\$5.62	\$10.70
TOTAL CAPITAL COSTS	\$6.16	\$12.38
RETURN TO LAND AND RISK	<u>(\$24.56)</u>	<u>(\$71.01)</u>
Flex Computation	-4.09	-32.47

TABLE 8. Whole farm summary, Curry County,
Projected 2019

GROSS RETURNS		
WHEAT	530 acres	
CROP		\$48,654
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>\$128,075</u>
CASH OPERATING EXPENSES		
SEED		\$8,699
FERTILIZER		\$8,391
CHEMICALS		\$16,212
CROP INSURANCE		\$100
OTHER PURCHASED INPUTS		\$0
FUEL, OIL & LUBRICANTS-EQUIPMENT		\$12,304
REPAIRS		\$4,424
CUSTOM CHARGES		\$13,290
LAND TAXES		\$42,400
OTHER EXPENSES		\$23,652
TOTAL CASH EXPENSES		<u>\$129,473</u>
RETURN OVER CASH EXPENSES		(\$1,398)
FIXED EXPENSES		\$21,590
TOTAL EXPENSES		\$151,063
NET FARM INCOME		(\$22,988)
LABOR AND MANAGEMENT COSTS		\$13,200
NET OPERATING PROFIT		(\$36,189)
CAPITAL COSTS		
INTEREST ON OPERATING CAPITAL		\$1,090
INTEREST ON EQUIPMENT INVESTMENT		\$8,245
TOTAL CAPITAL COSTS		<u>\$9,335</u>
RETURN TO LAND AND RISK		<u><u>(\$45,523)</u></u>

LAND VALUE	RETURN TO RISK*	RETURN ON INVESTMENT**
\$150 /ACRE	(\$52,723)	-9.54%
\$200 /ACRE	(\$55,123)	-7.88%
\$250 /ACRE	(\$57,523)	-6.71%
\$300 /ACRE	(\$59,923)	-5.84%

* 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)