TABLE 1. Acreage Summary, Curry County, Actual 2024

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

		WATER USE	
ACREAGE SUMMARY:		AC. IN. PER ACRE	TOTAL AC. IN.
WHEAT	255	10	2,550
ARP	0		
FLEX IN WHEAT	45	10	450
GRAIN SORGHUM	170	16	2,720
ARP	0		
FLEX IN WHEAT	30	10	300
CORNERS, ROADS, HOMESTEAD	140		
TOTAL	640		6,020
ACRE FEET PER ACRE OF WATER RIGHTS			0.78

TABLE 2. Basic cost information for Curry County, Actual 2024

Item				
Labor Wage Rate:				
Equipment operators		$/hour		$20.00
General Irrigators		$/hour		$16.77
Purchased Inputs:				
Fertilizer:				
Nitrogen (N)		$/pound		$0.35
Phosphate (P205)		$/pound		$0.48
Seed:				
Grain Sorghum		$/pound		$2.78
Wheat		$/pound		$0.39
Diesel fuel		$/gallon		$3.98
Gasoline		$/gallon		$3.12
Electricity (SWPS)		cents/KwH		12.08
LP gas		$/gallon		$2.29
Natural gas (Gas NM)		$/MCF		$2.52
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		9.25%
Land Interest Rate		percent		8.15%
Equipment Interest Rate		percent		7.15%
Real Interest Rate		percent		1.82%
Land Taxes	$109.00	/acre (full value)		$0.75
Personal Property Tax Rate	- NR	$/$1,000	(Assessed	$20.61
	- R		Value)	$20.29
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, Actual 2024

Item					
Electricity (Domestic & Shop)			$256.00	per month	$3,072
Telephone			$128.00	per month	$1,536
Accounting & Legal					$1,875
Misc. Supplies & Hand Tools					$2,810
Pickup and Auto					
miles	25,600	@	$0.700	per mile	$17,920
Insurance					
- general liability (non-employee)					$2,522
- fire/theft					$2,022
Property Taxes					
- non-planted land					$0
- other than land & machinery					$0
Building repairs and maintenance					$1,670
Dues, fees, publications					$448
Farmstead Equipment					$192
				Total	$34,067
				Total Per Planted Acre	$68.13

TABLE 6. Wheat, sprinkler-irrigated, budgeted per acre costs and returns for a 640 acre farm with above average management, Curry County, Actual 2024
Planting Dates: August 15 - September 15
Harvesting Dates: June 15 - July 15

ITEM	PRICE	YIELD		BASE	TOTAL
GROSS RETURNS					
WHEAT	$5.46	70.00	BUSHELS		$382.20
PROGRAM PAYMENT	$0.00	70.00	BUSHELS	0.85	$0.00
PLC PAYMENT	$0.00				$0.00
GRAZING	$40.00	1.00	ACRE		$40.00
TOTAL					$422.20

PURCHASED INPUTS	PRICE	QUANTITY		PURCHASED INPUTS	FIXED COST	TOTAL
SEED	$0.39	80	LBS	$31.20		$31.20
LIQUID FERT (28-0-0)	$0.09	460	LBS	$41.40		$41.40
NITROGEN (N)	$0.35	18	LBS	$6.30		$6.30
PHOSPHATE (P205)	$0.48	46	LBS	$22.08		$22.08
INSECTICIDE (CUSTOM)	$10.00	1	ACRE	$10.00		$10.00
HERBICIDE (CUSTOM)	$11.17	1	ACRE	$11.17		$11.17
PUMP WATER*		10	AC. IN.			
CROP INSURANCE	$0.15			$0.15		$0.15
SUBTOTAL				$122.30		$122.30

PREHARVEST OPERATIONS	POWER UNIT	ACCOMPLISHMENT RATE		PURCHASED INPUTS	LABOR	FUEL & LUBE	REPAIRS	FIXED COST	TOTAL
CHISEL	185 HP	0.15	HR		$3.00	$6.18	$1.15	$4.34	$14.68
DISC (3X)	185 HP	0.33	HR		$6.60	$13.61	$4.92	$10.64	$35.77
FERT S SPREADER	140 HP	0.05	HR		$1.00	$1.56	$0.21	$2.10	$4.87
DRILL	140 HP	0.13	HR		$2.60	$4.04	$0.78	$7.72	$15.14
IRRIGATE (7X)		0.70	HR		$11.74	$74.63	$0.00	$5.57	$91.94
SUBTOTAL		1.36	HR		$24.94	$100.02	$7.07	$30.37	$162.40
HARVEST OPERATIONS									
COMBINE (CUSTOM)				$23.60					$23.60
HAUL (CUSTOM)				$11.20					$11.20
SUBTOTAL				$34.80					$34.80
OVERHEAD EXPENSES									
DOWNTIME		0.17	HR		$3.30				$3.30
EMPLOYEE BENEFITS					$4.49				$4.49
INSURANCE				$0.50					$0.50
LAND TAXES								$0.75	$0.75
SUPERVISION AND MANAGEMENT					$30.51				$30.51
OTHER EXPENSES				$68.13					$68.13
SUBTOTAL		0.17	HR	$68.63	$38.30			$0.75	$107.68
TOTAL OPERATING EXPENSES		1.53	HR	$225.74	$63.24	$100.02	$7.07	$31.12	$427.18
NET OPERATING PROFIT									($4.98)
INTEREST ON OPERATING CAPITAL		($90.82	@	9.25%)					$8.40
INTEREST ON EQUIPMENT INVESTMENT									$15.64
RETURN TO LAND AND RISK									($29.02)

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

BUDGET SUMMARY

GROSS RETURN		$422.20	
VARIABLE OPERATING EXPENSES	$332.82		
RETURN OVER VARIABLE EXPENSES		$89.38	(GROSS MARGIN)
FIXED EXPENSES	$31.12		
NET FARM INCOME		$58.26	(RETURN TO CAPITAL, LABOR, LAND & RISK)
LABOR AND MANAGEMENT COST	$63.24		
NET OPERATING PROFIT		($4.98)	(RETURN TO CAPITAL, LAND & RISK)
CAPITAL COSTS	$24.04		
RETURN TO LAND AND RISK		($29.02)	

TABLE 7. Grain sorghum, sprinkler-irrigated, budgeted per acre costs and returns for a 640 acre farm with above average management, Curry County, Actual 2024
Planting Dates: May 15 - June 15
Harvesting Dates: October 15 - November 15

ITEM	PRICE	YIELD		BASE	TOTAL
GROSS RETURNS					
GRAIN SORGHUM	$7.30	65.00	CWT		$474.18
PROGRAM PAYMENT	$0.00	65.00	CWT	0.85	$0.00
PLC PAYMENT	$0.00	0.00	CWT		$0.00
GRAZING	$16.00	1.00	ACRE		$16.00
TOTAL					$490.18

PURCHASED INPUTS	PRICE	QUANTITY		PURCHASED INPUTS	FIXED COST	TOTAL
SEED	$2.78	5	LBS	$13.90		$13.90
LIQUID FERT (28-0-0)	$0.09	500	LBS	$45.00		$45.00
NITROGEN (N)	$0.35	25	LBS	$8.75		$8.75
PHOSPHATE (P205)	$0.48	50	LBS	$24.00		$24.00
HERBICIDE (CUSTOM)	$11.57	1	X/ACRE	$11.57		$11.57
INSECTICIDE (CUSTOM)	$5.68	1	X/ACRE	$5.68		$5.68
TRACE ELEMENTS	$16.00	1	ACRE	$16.00		$16.00
PUMP WATER*		16	AC. IN.			
CROP INSURANCE	$0.29			$0.29		$0.29
SUBTOTAL				$125.20		$125.20

PREHARVEST OPERATIONS	POWER UNIT	ACCOMPLISHMENT RATE		PURCHASED INPUTS	LABOR	FUEL & LUBE	REPAIRS	FIXED COST	TOTAL
DISC	185 HP	0.11	HR		$2.20	$4.54	$1.64	$3.55	$11.92
CHISEL	185 HP	0.15	HR		$3.00	$6.18	$1.15	$4.34	$14.68
DISC (2X)	185 HP	0.22	HR		$4.40	$9.07	$3.28	$7.09	$23.84
FERT SPREADER	140 HP	0.05	HR		$1.00	$1.56	$0.21	$2.10	$4.87
ROD WEEDER	185 HP	0.08	HR		$1.60	$3.30	$0.51	$2.59	$7.99
PLANT ER	140 HP	0.17	HR		$3.40	$5.29	$1.07	$12.31	$22.07
CULTIVATOR	140 HP	0.13	HR		$2.60	$4.04	$1.04	$7.93	$15.62
IRRIGATE (10X)		1.00	HR		$16.77	$119.41	$0.00	$8.92	$145.10
SUBTOTAL		1.91	HR		$34.97	$153.39	$8.91	$48.83	$246.10
HARVEST OPERATIONS									
COMBINE (CUSTOM)				$28.43					$28.43
HAUL (CUSTOM)				$12.35					$12.35
SUBTOTAL				$40.78					$40.78
OVERHEAD EXPENSES									
DOWNTIME		0.22	HR		$4.30				$4.30
EMPLOYEE BENEFITS					$6.29				$6.29
INSURANCE				$0.70					$0.70
LAND TAXES								$0.75	$0.75
SUPERVISION AND MANAGEMENT					$35.77				$35.77
OTHER EXPENSES				$68.13					$68.13
SUBTOTAL		0.22	HR	$68.83	$46.36			$0.75	$115.95
TOTAL OPERATING EXPENSES		2.13	HR	$234.81	$81.33	$153.39	$8.91	$49.58	$528.02
NET OPERATING PROFIT									($37.85)
INTEREST ON OPERATING CAPITAL		($106.57	@	9.25%)					$9.86
INTEREST ON EQUIPMENT INVESTMENT									$24.88
RETURN TO LAND AND RISK									($72.59)

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

BUDGET SUMMARY

GROSS RETURN		$490.18	
VARIABLE OPERATING EXPENSES	$397.11		
RETURN OVER VARIABLE EXPENSES		$93.07	(GROSS MARGIN)
FIXED EXPENSES	$49.58		
NET FARM INCOME		$43.48	(RETURN TO CAPITAL, LABOR, LAND & RISK)
LABOR AND MANAGEMENT COST	$81.33		
NET OPERATING PROFIT		($37.85)	(RETURN TO CAPITAL, LAND & RISK)
CAPITAL COSTS	$34.74		
RETURN TO LAND AND RISK		($72.59)	

TABLE 8. Summary of per acre costs and returns for a 640 acre farm with above average management, Curry County, Actual 2024

	WHEAT		GRAIN SORGHUM	
	BUSHELS		CWT	
PRIMARY YIELD	70.00		65.00	
PRIMARY PRICE	$5.46		$7.30	
GOVERNMENT PAYMENTS	$0.00		$0.00	
SECOND INCOME	$40.00	ACRE	$16.00	ACRE
GROSS RETURN	$422.20		$490.18	
CASH OPERATING EXPENSES				
SEED	$31.20		$13.90	
FERTILIZER	$69.78		$93.75	
CHEMICALS	$21.17		$17.25	
CROP INSURANCE	$0.15		$0.29	
OTHER PURCHASED INPUTS				
CANAL WATER				
FUEL, OIL & LUBRICANTS-EQUIPMENT	$25.39		$33.97	
FUEL-IRRIGATION	$74.63		$119.41	
REPAIRS	$7.07		$8.91	
CUSTOM CHARGES	$34.80		$40.78	
LAND TAXES	$0.75		$0.75	
OTHER EXPENSES	$68.63		$68.83	
TOTAL CASH EXPENSES	$333.57		$397.86	
RETURN OVER CASH EXPENSES	$88.63		$92.32	
FIXED EXPENSES	$30.37		$48.83	
TOTAL EXPENSES	$363.94		$446.69	
NET FARM INCOME	$58.26		$43.48	
LABOR AND MANAGEMENT COSTS	$63.24		$81.33	
NET OPERATING PROFIT	($4.98)		($37.85)	
CAPITAL COSTS				
INTEREST ON OPERATING CAPITAL	$8.40		$9.86	
INTEREST ON EQUIPMENT INVESTMENT	$15.64		$24.88	
TOTAL CAPITAL COSTS	$24.04		$34.74	
RETURN TO LAND AND RISK	($29.02)		($72.59)	
Flex Computation	16.99		1.13	

TABLE 9. Whole farm summary, Curry County,
Actual 2024

GROSS RETURNS			
WHEAT 255 ACRES			
CROP	$97,461		
GRAZING	$10,200		
PROGRAM PAYMENT	$0		
PLC PAYMENT	$0		
GRAIN SORGHUM 170 ACRES			
CROP	$80,610		
GRAZING	$2,720		
PROGRAM PAYMENT	$0		
PLC PAYMENT	$0		
GROSS RETURN			$190,991
CASH OPERATING EXPENSES			
SEED	$12,659		
FERTILIZER	$38,965		
CHEMICALS	$9,920		
CROP INSURANCE	$100		
OTHER PURCHASED INPUTS	$0		
CANAL WATER	$0		
FUEL, OIL & LUBRICANTS-EQUIPMENT	$14,153		
FUEL-IRRIGATION	$44,929		
REPAIRS	$3,846		
CUSTOM CHARGES	$18,417		
LAND TAXES	$375		
OTHER EXPENSES	$34,351		
TOTAL CASH EXPENSES		$177,715	
RETURN OVER CASH EXPENSES			$13,276
FIXED EXPENSES	$18,324		
TOTAL EXPENSES		$196,039	
NET FARM INCOME			($5,048)
LABOR AND MANAGEMENT COSTS	$34,695		
NET OPERATING PROFIT			($39,743)
CAPITAL COSTS			
INTEREST ON OPERATING CAPITAL	$4,448		
INTEREST ON EQUIPMENT INVESTMENT	$9,391		
TOTAL CAPITAL COSTS		$13,839	
RETURN TO LAND AND RISK			($53,582)

LAND VALUE	RETURN TO RISK*	RETURN ON INVESTMENT**
$500 /ACRE	($59,393)	-8.82%
$1,000 /ACRE	($65,204)	-5.16%
$1,500 /ACRE	($71,015)	-3.64%
$2,000 /ACRE	($76,827)	-2.82%
$2,500 /ACRE	($82,638)	-2.30%

* 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)