

TABLE 1. Acreage Summary, Union County,
2025

BUDGET AREA.....	UNION COUNTY
FARM SIZE.....	640 ACRES
IRRIGATION TYPE.....	DRYLAND
NUMBER OF CROPS...	2

ACREAGE SUMMARY:	LAND USE (ACRES)
WHEAT	136.0
ARP	0.00
FLEX IN WHEAT	24.00
GRAIN SORGHUM	391.00
ARP	0.00
FLEX IN WHEAT	69.00
ROADS & FENCES	20.00
TOTAL	640.0

TABLE 2. Basic cost information for Union County,
2025

Item			
Labor Wage Rate:			
Equipment operators		\$/hour	\$20.00
General & Irrigators		\$/hour	\$16.90
Purchased Inputs:			
Seed:			
Wheat		\$/pound	\$0.56
Grain Sorghum		\$/pound	\$2.05
Diesel fuel		\$/gallon	\$3.33
Gasoline		\$/gallon	\$2.68
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	8.75%
Land Interest Rate		percent	7.95%
Equipment Interest Rate		percent	6.45%
Real Interest Rate		percent	1.72%
Land Taxes	\$12.00	/acre (full value)	\$0.09
Personal Property Tax Rate	- NR	\$/ \$1,000 (Assessed Value)	\$23.68
	- R		\$19.67
Supervision Factor		\$/labor hour	\$0.50
Management Rate		percent	7.00%

TABLE 3. Overhead cost information for Union County,
2025

Item			
Electricity (Domestic & Shop)		\$256.00 per month	\$3,072
Telephone		\$115.20 per month	\$1,382
Accounting & Legal			\$1,229
Misc. Supplies & Hand Tools			\$1,869
Pickup and Auto			
miles	19,776	@ \$0.700 per mile	\$13,843
Insurance			
- general liability (non-employee)			\$1,613
- fire/theft			\$1,229
Property Taxes			
- non-planted land			\$0
- other than land & machinery			\$6,010
Building repairs and maintenance			\$614
Dues, fees, publications			\$461
Farmstead Equipment			\$192
		Total	\$31,514
		Total per planted acre	\$50.83

TABLE 5. Wheat, dryland, budgeted per acre costs and returns for a 640 acre farm with above average management, Union County, 2025
 Planting dates: August 15 - September 15
 Harvesting dates: July 1 - July 15

ITEM	PRICE	YIELD	BASE	TOTAL
GROSS RETURNS				
WHEAT	\$4.64	35.00 BUSHELS		\$162.40
PROGRAM PAYMENT	\$0.00	35.00 BUSHELS	0.85	\$0.00
PLC PAYMENT	\$0.00			\$0.00
GRAZING	\$20.00	1.00 ACRE		\$20.00
TOTAL				\$182.40

PURCHASED INPUTS	PRICE	QUANTITY	PURCHASED INPUTS	FIXED COST	TOTAL
SEED	\$0.50	30.00 LBS	\$15.00		\$15.00
MANURE	\$2.70	5.00 TON	\$13.50		\$13.50
SUBTOTAL			\$28.50		\$28.50

PREHARVEST OPERATIONS	POWER UNIT	ACCOMPLISHMENT RATE	PURCHASED INPUTS	LABOR	FUEL & LUBE	REPAIRS	FIXED COST	TOTAL
SWEEPS (3X)	145 HP	0.30 HR		\$6.00	\$8.94	\$3.22	\$7.66	\$25.83
DRILL	145 HP	0.18 HR		\$3.60	\$5.37	\$1.15	\$5.52	\$15.64
SUBTOTAL		0.48 HR		\$9.60	\$14.31	\$4.37	\$13.19	\$41.47

HARVEST OPERATIONS								
COMBINE (CUSTOM)			\$16.00					\$16.00
HAUL (CUSTOM)			\$5.60					\$5.60
SUBTOTAL			\$21.60					\$21.60

OVERHEAD EXPENSES								
DOWNTIME		0.12 HR		\$2.40				\$2.40
EMPLOYEE BENEFITS				\$1.73				\$1.73
INSURANCE			\$0.19					\$0.19
LAND TAXES						\$0.09		\$0.09
SUPERVISION AND MANAGEMENT				\$13.01				\$13.01
OTHER EXPENSES			\$50.83					\$50.83
SUBTOTAL		0.12 HR		\$51.02	\$17.14		\$0.09	\$68.25

TOTAL OPERATING EXPENSES		0.60 HR		\$101.12	\$26.74	\$14.31	\$4.37	\$13.28	\$159.82
NET OPERATING PROFIT									\$22.58
INTEREST ON OPERATING CAPITAL	(\$20.72	@	8.75%)				\$1.81
INTEREST ON EQUIPMENT INVESTMENT									\$5.74
RETURN TO LAND AND RISK									\$15.03

BUDGET SUMMARY			
GROSS RETURN		\$182.40	
VARIABLE OPERATING EXPENSES	\$119.80		
RETURN OVER VARIABLE EXPENSES		\$62.60	(GROSS MARGIN)
FIXED EXPENSES	\$13.28		
NET FARM INCOME		\$49.32	(RETURN TO CAPITAL, LABOR, LAND & RISK)
LABOR AND MANAGEMENT COST	\$26.74		
NET OPERATING PROFIT		\$22.58	(RETURN TO CAPITAL, LAND & RISK)
CAPITAL COSTS	\$7.55		
RETURN TO LAND AND RISK		\$15.03	

TABLE 6. Grain sorghum, dryland, budgeted per acre costs and returns for a 640 acre farm with above average management, Union County, 2025

Planting dates: May 15 - June 15
Harvesting dates: October 15 - November 15

ITEM	PRICE	YIELD	BASE					TOTAL	
GROSS RETURNS									
GRAIN SORGHUM	\$6.00	15.00 CWT						\$90.00	
PROGRAM PAYMENT	\$0.00	0.00 CWT						\$0.00	
PLC PAYMENT	\$0.00	15.00 CWT	0.85					\$0.00	
TOTAL								\$90.00	
PURCHASED INPUTS									
	PRICE	QUANTITY	PURCHASED INPUTS					TOTAL	
SEED	\$2.05	3 LBS	\$6.15					\$6.15	
MANURE	\$2.75	5 TON	\$13.75					\$13.75	
HERBICIDE	\$16.00	1 X/ACRE	\$16.00					\$16.00	
SUBTOTAL			\$35.90					\$35.90	
PREHARVEST OPERATIONS									
	POWER UNIT	ACCOMPLISHMENT RATE	PURCHASED INPUTS	LABOR	FUEL & LUBE	REPAIRS	FIXED COST	TOTAL	
SWEEPS	145 HP	0.10 HR		\$2.00	\$2.98	\$1.07	\$2.55	\$8.61	
PLANTER	145 HP	0.17 HR		\$3.40	\$5.07	\$1.26	\$5.63	\$15.36	
CULTIVATOR (2X)	145 HP	0.26 HR		\$5.20	\$7.75	\$2.20	\$6.06	\$21.21	
SUBTOTAL		0.53 HR		\$10.60	\$15.80	\$4.53	\$14.25	\$45.18	
HARVEST OPERATIONS									
COMBINE (CUSTOM)			\$20.50					\$20.50	
HAUL (CUSTOM)			\$2.85					\$2.85	
SUBTOTAL			0.00 HR	\$23.35					\$23.35
OVERHEAD EXPENSES									
DOWNTIME		0.13 HR		\$2.65				\$2.65	
EMPLOYEE BENEFITS				\$1.91				\$1.91	
INSURANCE			\$0.21					\$0.21	
LAND TAXES							\$0.09	\$0.09	
SUPERVISION AND MANAGEMENT				\$6.57				\$6.57	
OTHER EXPENSES			\$50.83					\$50.83	
SUBTOTAL			0.13 HR	\$51.04	\$11.12		\$0.09	\$62.26	
TOTAL OPERATING EXPENSES		0.66 HR		\$110.29	\$21.72	\$15.80	\$4.53	\$14.34	
NET OPERATING PROFIT								(\$76.69)	
INTEREST ON OPERATING CAPITAL		(\$24.98 @	8.75%)				\$2.19	
INTEREST ON EQUIPMENT INVESTMENT								\$6.18	
RETURN TO LAND AND RISK								(\$85.05)	

BUDGET SUMMARY

GROSS RETURN		\$90.00	
VARIABLE OPERATING EXPENSES	\$130.62		
RETURN OVER VARIABLE EXPENSES		(\$40.62)	(GROSS MARGIN)
FIXED EXPENSES	\$14.34		
NET FARM INCOME		(\$54.96)	(RETURN TO CAPITAL, LABOR, LAND & RISK)
LABOR AND MANAGEMENT COST	\$21.72		
NET OPERATING PROFIT		(\$76.69)	(RETURN TO CAPITAL, LAND & RISK)
CAPITAL COSTS	\$8.36		
RETURN TO LAND AND RISK		(\$85.05)	

TABLE 7. Summary of per acre costs and returns for a 640 acre farm with above average management, Union County, 2025

	WHEAT	GRAIN SORGHUM
	BU	CWT
PRIMARY YIELD	35.00	15.00
PRIMARY PRICE	\$4.64	\$6.00
GOVERNMENT PAYMENTS	\$0.00	\$0.00
SECOND INCOME	\$20.00	\$0.00
GROSS RETURN	\$182.40	\$90.00
CASH OPERATING EXPENSES		
SEED	\$15.00	\$6.15
FERTILIZER	\$13.50	\$13.75
CHEMICALS		\$16.00
CROP INSURANCE		
OTHER PURCHASED INPUTS		
CANAL WATER		
FUEL, OIL & LUBRICANTS-EQUIPMENT	\$14.31	\$15.80
FUEL-IRRIGATION		
REPAIRS	\$4.37	\$4.53
CUSTOM CHARGES	\$21.60	\$23.35
LAND TAXES	\$0.09	\$0.09
OTHER EXPENSES	\$51.02	\$51.04
TOTAL CASH EXPENSES	\$119.90	\$130.71
RETURN OVER CASH EXPENSES	\$62.50	(\$40.71)
FIXED EXPENSES	\$13.19	\$14.25
TOTAL EXPENSES	\$133.08	\$144.96
NET FARM INCOME	\$49.32	(\$54.96)
LABOR AND MANAGEMENT COSTS	\$26.74	\$21.72
NET OPERATING PROFIT	\$22.58	(\$76.69)
CAPITAL COSTS		
INTEREST ON OPERATING CAPITAL	\$1.81	\$2.19
INTEREST ON EQUIPMENT INVESTMENT	\$5.74	\$6.18
TOTAL CAPITAL COSTS	\$7.55	\$8.36
RETURN TO LAND AND RISK	\$15.03	(\$85.05)
Flex Computation	33.95	-64.62

TABLE 8. Whole farm summary, Union County,
2025

GROSS RETURNS		
WHEAT	229.00 ACRES	
CROP		\$37,190
GRAZING		\$4,580
PROGRAM PAYMENT		\$0
PLC PAYMENT		\$0
GRAIN SORGHUM	391.00 ACRES	
CROP		\$35,190
PROGRAM PAYMENT		\$0
PLC PAYMENT		\$0
GROSS RETURN		<u>\$76,960</u>
CASH OPERATING EXPENSES		
SEED		\$5,840
FERTILIZER		\$8,468
CHEMICALS		\$6,256
CROP INSURANCE		\$0
OTHER PURCHASED INPUTS		\$0
CANAL WATER		\$0
FUEL, OIL & LUBRICANTS-EQUIPMENT		\$9,455
FUEL-IRRIGATION		\$0
REPAIRS		\$2,771
CUSTOM CHARGES		\$14,076
LAND TAXES		\$59
OTHER EXPENSES		\$31,641
TOTAL CASH EXPENSES		<u>\$78,565</u>
RETURN OVER CASH EXPENSES		(\$1,606)
FIXED EXPENSES		\$8,591
TOTAL EXPENSES		\$87,157
NET FARM INCOME		(\$10,197)
LABOR AND MANAGEMENT COSTS		\$14,616
NET OPERATING PROFIT		(\$24,813)
CAPITAL COSTS		
INTEREST ON OPERATING CAPITAL		\$1,270
INTEREST ON EQUIPMENT INVESTMENT		\$3,729
TOTAL CAPITAL COSTS		<u>\$4,999</u>
RETURN TO LAND AND RISK		<u>(\$29,812)</u>

LAND VALUE	RETURN TO RISK*	RETURN ON INVESTMENT**
\$100 /ACRE	(\$30,910)	-21.01%
\$200 /ACRE	(\$32,007)	-13.63%
\$300 /ACRE	(\$33,105)	-10.08%

* 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)