TABLE 1. Acreage Sum Actual 2023	mary, Union	County,		
BUDGET AREA FARM SIZE				
IRRIGATION TYPE	,			
NUMBER OF CROPS	5			
	•			
			WATER	USE
		LAND USE	AC.IN.	TOTAL
ACREAGE SUMMARY:		(ACRES)	PER AC.	AC.IN.
ALFALFA ESTABLISHMI	ENT	55.00 *	3	165
ALFALFA		375.00	40	15,000
WHEAT		318.75	11	3,506
ARP		0.00		
FLEX IN WHEAT		56.25	11	619
CORN		127.50	34	4,335
ARP		0.00		
FLEX IN WHEAT		22.50	11	248
GRAIN SORGHUM		127.50	12	1,530
ARP		0.00		
FLEX IN WHEAT		22.50	11	248
HAYGRAZER		190.00		
ROADS, HOMESTEAD		40.00		
	TOTAL	1,280.00		25,650
	ACRE FE	ET PER ACRE OF WAT	ER RIGHTS	1.67

* DOUBLE-CROPPED

Actual 2023 ltem Labor Wage Rate: \$20.00 Equipment operators \$/hour **General & Irrigators** \$/hour \$16.60 Purchased Inputs: Fertilizer: Nitrogen (N) \$0.83 \$/pound \$2.00 Phosphate (P205) \$/pound Potash (K2O) \$/pound \$0.39 Seed: Alfalfa \$4.50 \$/pound Wheat \$/pound \$0.50 \$300.00 Corn for Grain \$/bag Grain Sorghum \$/pound \$2.05 Haygrazer/Millet \$/pound \$0.92 Oats \$/pound \$0.56 Natural gas \$/MCF \$2.71 (service charge) \$/month \$10.00 Diesel fuel \$/gallon \$4.33 Gasoline \$/gallon \$2.99 Electricity 9.79 cents/KwHr LP Gas \$/gallon \$2.45 **Baling Twine** \$/pound \$0.72 \$/\$1,000 wages \$20.00 Employee Liability Insurance **Employee Benefits** 18.00% percent/wages Labor Downtime 25.00% percent Financial Rates: Operating Capital Interest Rate 7.25% percent Land Interest Rate 9.15% percent Equipment Interest Rate 8.75% percent Real Interest Rate 4.25% percent Land Taxes \$27.00 /acre \$0.20 Personal Property Tax Rate - NR \$/\$1,000 \$22.57 (Assessed - R Value) \$18.57 Supervision Factors \$1.00 Field Crop-Irrigation \$/labor hour \$0.50 Field Crop-Equipment & General \$/labor hour 7.00% Management Rate percent

TABLE 3. Overhead cost information for Union County, Actual 2023

TABLE 2. Basic cost information for Union County,

Electricity (Domestic & Sho	op)		\$512.00 pe	er month	\$6,144
Telephone			\$249.60 pe	er month	\$2,995
Accounting & Legal					\$4,653
Misc. Supplies & Hand Too	ols				\$4,723
Pickup and Auto					
miles	39,680	@	\$0.665 per mile		\$26,387
Insurance - general liability (non-em - fire/theft	ployee)				\$3,008 \$2,413
Property Taxes - non-planted land - other than land & machi	nery				\$0,010 \$6,010
Building repairs and maint					\$1,939
Dues, fees, publications					\$448
Farmstead Equipment					\$371
			Тс	otal	\$59,092
			Total per planted acre	-	\$54.31
			Total per dryland acre		\$10.86

Planting dates: August 1 - S	eptember 1							
ITEM	PRICE	QUANTITY	PURCHASED INPUTS					TOTAL
PURCHASED INPUTS								
SEED	\$4.50	20 LBS	\$90.00					\$90.00
OAT SEED PUMP WATER*	\$0.56	30 LBS 3 AC. IN.	\$16.80					\$16.80
SUBTOTAL			\$106.80				-	\$106.80
	POWER	ACCOMPLISHMENT	PURCHASED		FUEL &		FIXED	
PREHARVEST OPERATIONS	UNIT	RATE	INPUTS	LABOR	LUBE	REPAIRS	COST	TOTAL
DISC	185 HP	0.07 HR		\$1.40	\$3.14	\$1.26	\$2.74	\$8.55
CULTI-PACKER	93 HP	0.17 HR		\$3.40	\$3.10	\$0.16	\$3.36	\$10.02
DRILL	93 HP	0.12 HR		\$2.40	\$2.18	\$0.32	\$1.69	\$6.59
IRRIGATE (4X)		0.40 HR		\$6.64	\$5.60	\$0.00	\$0.43	\$12.67
SUBTOTAL		0.76 HR		\$13.84	\$14.02	\$1.74	\$8.23	\$37.82
OVERHEAD EXPENSES								
DOWNTIME		0.09 HR		\$1.80				\$1.80
EMPLOYEE BENEFITS				\$2.49				\$2.49
INSURANCE			\$0.28					\$0.28
SUPERVISION AND MANAGEMENT				\$10.70				\$10.70
SUBTOTAL		0.09	\$0.28	\$14.99				\$15.27
TOTAL OPERATING EXPENSES		0.85 HR	\$107.08	\$28.83	\$14.02	\$1.74	\$8.23	\$159.90

TABLE 6. Alfalfa establishment, sprinkler-irrigated, budgeted per acre costs and returns for a 1,280 acre farm with above average management, Union County, Actual 2023

ITEM	PRICE		YIELD							TOTAI
GROSS RETURNS ALFALFA HAY	\$301.00		5.50 TOI	NS (ST	ACKED)					\$1,655.50
	<i>QOONOO</i>		0.000 1.01							
TOTAL										\$1,655.50
				I	PURCHASED				FIXED	
PURCHASED INPUTS	PRICE		QUANTITY		INPUTS				COST	TOTAI
NITROGEN (N)	\$0.83		30 LBS	S	\$24.90					\$24.90
PHOSPHATE (P2O5)	\$2.00		100 LBS		\$200.00					\$200.00
POTASH (K20)	\$0.39		50 LBS		\$19.50					\$19.50
TRACE ELEMENTS	\$0.15		12 LBS		\$1.80					\$1.80
ESTABLISHMENT:Principal			7 YEA	ARS					\$22.84	\$22.84
: Interest	*				•• • •				\$6.72	\$6.72
BALING TWINE PUMP WATER*	\$0.72		1 RO 40 AC.		\$0.41					\$0.41
SUBTOTAL				_	\$246.61				\$29.56	\$276.17
PREHARVEST	POWER	/	ACCOMPLISHM	IENT I	PURCHASED		FUEL &		FIXED	
OPERATIONS	UNIT		RATE		INPUTS	LABOR	LUBE	REPAIRS	COST	TOTAI
IRRIGATE (11X)			1.10 HR	2		\$18.26	\$74.67	\$0.00	\$5.79	\$98.72
SUBTOTAL		_	1.10 HR			\$18.26	\$74.67	\$0.00	\$5.79	\$98.72
HARVEST OPERATIONS										
SWATHER (4X)	13 FT SP		0.64 HR			\$12.80	\$10.38	\$0.35	\$3.50	\$27.03
BALER (4X)	126 HP		0.68 HR			\$13.60	\$24.29	\$2.84	\$5.97	\$46.70
SUBTOTAL		_	1.32 HR			\$26.40	\$34.66	\$3.19	\$9.47	\$73.73
OVERHEAD EXPENSES										
DOWNTIME			0.33 HR	1		\$6.60				\$6.60
EMPLOYEE BENEFITS						\$8.04				\$8.04
INSURANCE					\$0.89					\$0.89
LAND TAXES									\$0.20	\$0.20
SUPERVISION AND MANAGEMENT						\$117.65				\$117.65
OTHER EXPENSES					\$54.31					\$54.31
SUBTOTAL		_	0.33 HR		\$55.21	\$132.28			\$0.20	\$187.69
TOTAL OPERATING EXPENSES		_	2.75 HR		\$301.81	\$176.94	\$109.33	\$3.19	\$45.03	\$636.31
NET OPERATING PROFIT										\$1,019.19
INTEREST ON OPERATING CAPITAL INTEREST ON EQUIPMENT INVESTM	IENT	(\$145.13 @	D	7.25%)				\$10.52 \$12.91
										ቀሰብር ማኅ
RETURN TO LAND AND RISK										\$995.76

TABLE 7. Alfalfa hay, sprinkler-irrigated, budgeted per acre costs and returns for a 1,280 acre farm with above average management, Union County, Actual 2023

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

BUDGET SUMMARY

GROSS RETURN		\$1,655.50	
VARIABLE OPERATING EXPENSES	\$414.34		
RETURN OVER VARIABLE EXPENSES		\$1,241.16	(GROSS MARGIN)
FIXED EXPENSES	\$45.03		
NET FARM INCOME		\$1,196.13	(RETURN TO CAPITAL, LABOR, LAND & RISK)
LABOR AND MANAGEMENT COST	\$176.94		
NET OPERATING PROFIT		\$1,019.19	(RETURN TO CAPITAL, LAND & RISK)
CAPITAL COSTS	\$23.43		
RETURN TO LAND AND RISK		\$995.76	

TABLE 8. Wheat, sprinkler-irrigated, bud Actual 2023	lgeted per acre costs and	returns for a 1,280 acre farm	n with above ave	rage manage	ment, Union	County,		
Planting dates: August 15 - Harvesting dates: July 1 - J								
ITEM	PRICE	YIELD	BASE					TOTAL
GROSS RETURNS WHEAT PROGRAM PAYMENT PLC PAYMENT GRAZING	\$5.80 \$0.00 \$0.00 \$40.00	80.00 BUSHELS 80.00 BUSHELS 1.00 ACRE						\$464.00 \$0.00 \$0.00 \$40.00
	φ40.00	1.00 ACINE					_	
TOTAL								\$504.00
PURCHASED INPUTS	PRICE	QUANTITY	PURCHASED INPUTS				FIXED COST	TOTAL
SEED MANURE LIVESTOCK FAC & EQUIP PUMP WATER* CROP INSURANCE	\$0.50 \$2.70 \$0.12	100 LBS 8 TON 11 AC. IN.	\$50.00 \$21.60				\$5.00	\$50.00 \$21.60 \$5.00 \$0.00 \$0.12
SUBTOTAL	<i>Q</i> 2		\$71.60				\$5.00	\$76.72
PREHARVEST OPERATIONS	POWER UNIT	ACCOMPLISHMENT RATE	PURCHASED INPUTS	LABOR	FUEL & LUBE	REPAIRS	FIXED COST	TOTAL
DISC CHISEL DISC DRILL IRRIGATE (7X)	185 HP 185 HP 185 HP 126 HP	0.07 HR 0.09 HR 0.07 HR 0.12 HR 0.70 HR		\$1.40 \$1.80 \$1.40 \$2.40 \$11.62	\$3.14 \$4.04 \$3.14 \$4.29 \$20.53	\$1.26 \$0.69 \$1.26 \$0.68 \$0.00	\$2.74 \$2.74 \$2.74 \$1.93 \$2.01	\$8.55 \$9.26 \$8.55 \$9.30 \$34.16
SUBTOTAL		1.05 HR		\$18.62	\$35.14	\$3.89	\$12.16	\$69.81
HARVEST OPERATIONS								
COMBINE GRAIN CART TRUCK	GRAIN TABLE 93 HP SEMI	0.14 HR 0.14 HR 0.14 HR		\$2.80 \$2.80 \$2.80	\$5.06 \$2.55 \$3.18	\$0.49 \$0.43 \$0.36	\$12.59 \$1.86 \$5.60	\$20.95 \$7.63 \$11.95
SUBTOTAL		0.42 HR	\$0.00	\$8.40	\$10.79	\$1.28	\$20.05	\$40.53
OVERHEAD EXPENSES								
DOWNTIME EMPLOYEE BENEFITS INSURANCE LAND TAXES SUPERVISION AND MANAGEMENT OTHER EXPENSES		0.19 HR	\$0.54 \$54.31	\$3.85 \$4.86 \$36.37			\$0.20	\$3.85 \$4.86 \$0.54 \$0.20 \$36.37 \$54.31
SUBTOTAL		0.19 HR	\$54.85	\$45.08			\$0.20	\$100.13
TOTAL OPERATING EXPENSES		1.66 HR	\$126.45	\$72.10	\$45.93	\$5.18	\$37.41	\$287.19
NET OPERATING PROFIT								\$216.81

NET OPERATING PROFIT

INTEREST ON OPERATING CAPITAL INTEREST ON EQUIPMENT INVESTMENT	(\$46.62	@	7.25%)	\$3.38 \$19.18
RETURN TO LAND AND RISK						\$194.25
* Pump water costs are shown under irrigation in		ations sectior SUMMARY	٦.			
GROSS RETURN		\$504.00				
VARIABLE OPERATING EXPENSES	\$177.56					
RETURN OVER VARIABLE EXPENSES		\$326.44	(GROSS	MARGIN)		
FIXED EXPENSES	\$37.41					
NET FARM INCOME		\$289.02	(RETURI	N TO CAPITAL, LA	ABOR, LAND & RISK)	
LABOR AND MANAGEMENT COST	\$72.10		-			
NET OPERATING PROFIT		\$216.93	(RETURI	N TO CAPITAL, LA	AND & RISK)	
CAPITAL COSTS	\$22.56					
RETURN TO LAND AND RISK		\$194.37				

PROCRAM PAYMENT GRAZING 30.00 \$20.00 200.00 BUSHELS 0.00 0.05 SUBSTRESS 0.00 TOTAL Total State FIXED COST FIXED COST FIXED COST FIXED COST PURCHASED INPUTS PRICE QUANTITY IMPUTS COST COST SEED \$6.00 26.00 LBS \$166.00 State \$25.00 INTRONKT (2020) \$0.03 220.00 BS \$166.00 \$5.00 \$25.00 INTRONKT (2020) \$25.20 70.00 ACRE \$45.20 \$5.00 \$5.00 INSECTIONS \$22.60 1.00 ACRE \$25.00 \$5.00 \$5.00 PREHARVEST OPERATIONS POWER ACCOMPLISHMENT PURCHASED FUEL & FEPAIRS FUED DISC 186 HP 0.07 HR \$1.40 \$3.14 \$1.20 \$2.74 DISC CONSTANCE \$0.39 \$2.00 \$4.44 \$3.160 \$3.14 \$1.20 \$2.74 DISC CONSTANCE \$2.00 \$4.42 \$3.00 \$7.73	TABLE 9. Corn for grain, sprinkler-irrig Actual 2023 Planting dates: April 15 - Harvesting dates: Octobe	May 15	e costs and returns for a 1,280 a	acre farm with abov	/e average m	anagement,	Union County	,	
CORNENCIAL S5.88 200.00 BUSHELS	ITEM	PRICE	YIELD	BASE					TOTAL
PROCRAM PAYMENT GRAZING \$0.00 20.00 BUSHELS 0.00 0.85 TOTAL \$10 OLOGENSHELS 0.00 0.85 State \$10 PURCHASED INPUTS PRICE QUANTITY PURCHASED INPUTS FIXED FIXED SEED \$6.00 26.00 LBS \$166.00 \$100 <t< td=""><td></td><td>\$5.88</td><td>200.00 BUSHELS</td><td></td><td></td><td></td><td></td><td></td><td>\$1,176.00</td></t<>		\$5.88	200.00 BUSHELS						\$1,176.00
PLC PAYMENT \$20.00 0.00 BUSHELS TOTAL \$1 PURCHASED INPUTS PRICE QUANTITY INPUTS FIXED SEED \$600 26.00 LBS \$196.00 \$100 SEED \$600 26.00 LBS \$192.00 \$100 NITROCEN (N) \$0.83 220.00 LBS \$192.40 \$100 PHOSPHATE (P2O5) \$2.00 70.00 LBS \$184.00 \$100 PHOSPHATE (P2O5) \$2.00 1.00 ACRE \$45.20 \$50.00 INRECTICIDE \$1507 3.00 ACRE \$22.60 \$50.00 \$50.00 INRECTICIDE \$100 ACRE \$22.60 \$50.00 \$50.00 \$50.00 CROP INSURACE \$0.39 \$609.40 \$50.00 \$50.00 \$50.00 \$50.00 SUBTOTAL \$100 ACCOMPLISHMENT PURCHASED INPUTS IABOR FUEL & FURAL \$1.87 \$4.13 \$1.28 \$2.74 DISC & \$PRAY				0.85					\$0.00
GRAZING \$20.00 1.00 ACRE TOTAL \$1 TOTAL \$1 PURCHASED INPUTS PRICE QUANTITY PURCHASED FIXED SEED \$6:00 26:00 LBS \$16:00 \$2:00 \$5:00 \$2:00 \$5:00				0.05					\$0.00
TOTAL TOTAL ST PURCHASED INPUTS PRICE QUANTITY PURCHASED FIXED SEED \$\$600 26.00 LBS \$192.60 \$ \$ PHOSPHATE (P205) \$2.00 TOTAL \$ \$ \$ INTROCEM (N) \$0.83 220.00 LBS \$192.60 \$<									\$20.00
PURCHASED INPUTS PRICE QUANTITY PURCHASED FIXED SEED \$6,00 26,00 LBS \$156,00 COST SEED \$0,033 220,00 LBS \$156,00 \$ PHOSPHATE (P205) \$2,00 T0,00 LBS \$126,00 \$ POTSASUM (K-MAG) \$0,21 300,00 LBS \$34,00 \$ PHOSPHATE (P205) \$2,200 1,00 ACRE \$45,20 \$ HERBICIDE \$12,00 ACRE \$\$22,60 \$ \$ LIVESTOCK F4,2 & EQUIP \$22,00 1,00 ACRE \$\$22,60 \$ LIVESTOCK F4,2 & EQUIP \$ \$ \$ \$ \$ \$ PREHARVEST OPERATIONS POWER ACCOMPLISHMENT PURCHASED LBDR FUEL & FIXED DISC 165 HP 0.07 HR \$1,40 \$3,14 \$1,28 \$2,74 DISC A SPRAY 165 HP 0.10 HR \$1,40 \$3,44 \$1,28 \$2,74	GRAZING	φ20.00	1.00 ACRE						φ20.00
PURCHASED INPUTS PRICE QUANTITY INPUTS COST SEED \$6.00 26.00 LBS \$156.00 \$	TOTAL								\$1,196.00
SEED \$6.00 26.00 LBS \$156.00 \$5 NITROGEN (N) \$0.83 220.00 LBS \$182.60 \$5 PHOSPHATE (P206) \$2.00 TO.00 LBS \$182.60 \$5 PHOSPHATE (P206) \$2.00 TO.00 LBS \$184.00 \$5 POTASSIUM (K-MAG) \$0.21 300.00 LBS \$83.00 \$5 INSECTICIDE \$15.07 3.00 ACRE \$22.60 \$5 LINESTICK FAC & EQUIP PUMP WATEP* \$609.40 \$5 \$5.00 PREHARVEST OPERATIONS UNIT ACCOMPLISHMENT PURCHASED FUEL & REPARS FIXED DISC 186 HP 0.07 HR \$1.40 \$3.14 \$1.26 \$2.74 DISC STPAY 185 HP 0.09 HR \$1.80 \$4.04 \$1.87 \$4.74 ROLLING CULT (2X) 126 HP 0.17 HR \$2.00 \$4.49 \$1.87 \$4.74 SUBEDRES 185 HP 0.17 HR \$2.40 \$7.62 \$0.05				PURCHASED					
NTROGEN (N) \$0 83 220.00 LBS \$140.00	PURCHASED INPUTS	PRICE	QUANTITY	INPUTS				COST	TOTAL
PHOSPHATE (P206) \$2.00 70.00 LBS \$140.00 \$5140.00	SEED	\$6.00	26.00 LBS	\$156.00					\$156.00
PHOSPHATE (P205) \$2.00 70.00 LBS \$140.00 \$50.20 \$50.20 \$50.20	NITROGEN (N)	\$0.83	220.00 LBS	\$182.60					\$182.60
POTASSIUM (K-MAG) \$0.21 300.00 LBS \$53.00 INSECTICIE \$15.07 3.00 ACRE \$45.20 HERBICIDE \$22.60 1.00 ACRE \$22.60 LIVESTOCK FAC & EQUIP 34.00 AC. IN. \$5009.40 \$5009.40 PUMP WATER* S0.39 \$5009.40 \$5009.40 \$50.0 PREHARVEST OPERATIONS UNIT ACCOMPLISHMENT PURCHASED LABOR FUEL & LB FIXED DISC 185 HP 0.07 HR \$1.40 \$3.14 \$1.26 \$2.74 DISC C 185 HP 0.09 HR \$1.80 \$4.04 \$0.69 \$2.74 DISC C 185 HP 0.10 HR \$2.00 \$4.49 \$1.87 \$4.75 PLANTER 126 HP 0.12 HR \$2.40 \$4.29 \$0.79 \$5.28 SUBDORESS 185 HP 0.10 HR \$2.40 \$4.29 \$0.79 \$5.28 ROLLING CULT (2X) 126 HP 0.20 HR \$2.40 \$4.29 \$0.95 \$2.84 SUBTOTAL 2.35 HR<									\$140.00
INSECTICIDE \$15.07 3.00 ACRE \$4.20 HERBICIDE \$22.60 1.00 ACRE \$22.60 LIVESTOCK FAC & EQUIP 34.00 AC. IN. \$500.40 PUMP WATER* 34.00 AC. IN. \$609.40 CROP INSURANCE \$0.39 \$609.40 \$500.05 SUBTOTAL POWER ACCOMPLISHMENT PURCHASED FUEL & LUBE FIXED DISC 185 HP 0.07 HR \$1.40 \$3.14 \$1.26 \$2.74 DISC SPRAY 185 HP 0.09 HR \$1.80 \$4.04 \$0.69 \$2.74 DISC SPRAY 185 HP 0.10 HR \$2.40 \$4.29 \$0.79 \$5.28 ROLLING CULT (2X) 126 HP 0.12 HR \$2.40 \$4.29 \$0.79 \$5.28 SUBTOTAL 2.35 HR \$1.60 HR \$2.40 \$4.29 \$0.79 \$5.28 ROLLING CULT (2X) 126 HP 0.20 HR \$2.40 \$4.29 \$0.79 \$5.20 SUBTOTAL 2.35 HR 0.20 HR \$3.40 \$7.23				-					\$63.00
HERBICIDE PUMP WATER* CROP INSURANCE SUBTOTAL \$22.60 1.00 ACRE \$22.60 PUMP WATER* CROP INSURANCE SUBTOTAL \$0.39 34.00 AC. IN. \$5.00 \$5.20 \$5.00 \$5.20 \$5.00 \$5.21 \$5.00 \$5.20 \$5.00 \$5.20 \$5.20 \$5.20 \$5.20 \$5.20 \$5.20 \$5.20 \$5.20 \$5.20 \$5.20 \$5.20 \$5.20 \$5.20 \$5.20 \$5.20 \$5.20 \$5.20 \$5.20 \$5.20									\$45.20
LUVESTOCK FAC & EQUIP PUMP WATER' CROP INSURANCE SUBTOTAL PUMP WATER' CROP INSURANCE SUBTOTAL \$0.39 34.00 AC. IN. \$509 40 \$5.00 \$ PREHARVEST OPERATIONS POWER UNIT ACCOMPLISHMENT RATE PURCHASED INPUTS FUEL & LABOR FUEL & LUBE FUEL & REPAIRS FIXED COST DISC 185 HP 0.07 HR \$1.40 \$3.14 \$1.26 \$2.74 DISC SPRAY 185 HP 0.07 HR \$1.80 \$4.04 \$0.69 \$2.74 DISC SPRAY 185 HP 0.10 HR \$2.40 \$4.29 \$0.79 \$5.28 ROLLINC CULT (2X) 126 HP 0.20 HR \$4.00 \$7.62 \$0.95 \$4.66 IRRIGATE (16X) 1.60 HR \$2.35 HR \$34.00 \$7.62 \$0.95 \$4.66 URRIGATE (16X) 2.35 HR \$41.56 \$94.19 \$7.35 \$30.66 \$ HARVEST OPERATIONS 2.35 HR \$41.56 \$94.19 \$7.35 \$30.66 \$ COMBINE GRAIN CART 33 HP 0.20 HR \$4.00 \$7.23 \$0.88 \$30.42 SUBTOTAL 0.60 HR \$0.00 \$11.07 \$ \$2.65 \$ OVERHEAD EXPENSES 0.30 HR \$5.90 \$9.64 \$0.20 \$0.20		-							\$22.60
PUMP WATER* CROP INSURANCE SUBTOTAL \$3.39 34.00 AC. IN. \$5609.40 \$50.0 \$ \$ PREHARVEST OPERATIONS POWER UNIT ACCOMPLISHMENT RATE PURCHASED INPUTS LABOR FUEL & REPAIRS FIXED COST DISC 185 HP 0.07 HR \$1.40 \$3.14 \$1.26 \$2.74 DISC 185 HP 0.07 HR \$1.40 \$3.14 \$1.26 \$2.74 DISC CHISC & 185 HP 0.09 HR \$1.80 \$4.04 \$6.69 \$2.74 DISC & SPRAY 185 HP 0.10 HR \$2.00 \$4.49 \$1.87 \$4.75 PLANTER 126 HP 0.12 HR \$2.40 \$4.29 \$0.79 \$5.28 ROLLING CULT (2X) 126 HP 0.12 HR \$4.00 \$7.62 \$0.95 \$4.66 IRRIGATE (16X) 160 HR \$2.65 \$63.47 \$0.00 \$56.20 \$3.64 \$0.60 \$2.65 SUBTOTAL 2.35 HR 0.20 HR \$4.00 \$7.23 \$0.88 \$3.04 \$2.65 \$63.47 \$0.00 \$2.6		ΨΖΖ.00	1.00 AGRE	ψΖΖ.00				\$5.00	\$5.00
CROP INSURANCE SUBTOTAL \$0.33 SUBTOTAL FOWER UNIT ACCOMPLISHMENT RATE PURCHASED INPUTS FUEL & LABOR FUEL & FUEL & LUBE FIXED COST PREHARVEST OPERATIONS UNIT ACCOMPLISHMENT RATE PURCHASED INPUTS LABOR FUEL & FUEL & REPAIRS FIXED COST DISC CHISEL 185 HP 0.07 HR \$1.40 \$3.14 \$1.26 \$2.74 DISC SPRAY 185 HP 0.09 HR \$1.80 \$4.04 \$0.69 \$2.74 DISC SPRAY 185 HP 0.10 HR \$2.00 \$4.49 \$1.87 \$4.75 PLANTER 126 HP 0.12 HR \$2.40 \$4.29 \$0.79 \$5.28 ROLLING CULT (2X) 126 HP 0.20 HR \$4.00 \$7.14 \$1.78 \$4.29 SUBTOTAL 2.35 HR \$41.56 \$94.19 \$7.35 \$30.66 \$ BARVEST OPERATIONS 2.35 HR \$41.56 \$94.19 \$7.35 \$30.66 \$ COMBINE GRAIN CART 93 HP 0.20 HR \$4.00 \$15.42 \$2.02 \$41.07 <td></td> <td></td> <td>34.00 AC IN</td> <td></td> <td></td> <td></td> <td></td> <td>ψ0.00</td> <td>\$0.00</td>			34.00 AC IN					ψ0.00	\$0.00
SUBTOTAL State		¢0.00	34.00 AC. IN.						
PREHARVEST OPERATIONS POWER UNIT ACCOMPLISHMENT RATE PURCHASED INPUTS LABOR FUEL & LUBE REPAIRS FIXED COST DISC 185 HP 0.07 HR \$1.40 \$3.14 \$1.26 \$2.74 DISC SPRAY 185 HP 0.09 HR \$1.80 \$4.04 \$0.69 \$2.74 DISC SPRAY 185 HP 0.10 HR \$2.00 \$4.49 \$1.87 \$4.75 PLANTER 126 HP 0.12 HR \$2.40 \$4.29 \$0.79 \$5.28 ROLLING CULT (2X) 126 HP 0.20 HR \$3.40 \$7.62 \$0.95 \$4.69 SIDEORESS 185 HP 0.17 HR \$3.40 \$7.62 \$0.95 \$4.69 IRRIGATE (16X) 1.60 HR \$2.656 \$63.47 \$0.00 \$6.20 SUBTOTAL 2.35 HR \$41.56 \$94.19 \$7.35 \$30.66 \$ HARVEST OPERATIONS 2.35 HR \$41.56 \$94.40 \$3.64 \$0.61 \$2.65 SUBTOTAL 0.60 HR \$0.00 \$15.42		\$0.39		¢000.40				<u>фг оо</u>	\$0.39
PREHARVEST OPERATIONS UNIT RATE INPUTS LABOR LUBE REPAIRS COST DISC 185 HP 0.07 HR \$1.40 \$3.14 \$1.26 \$2.74 CHISEL 185 HP 0.09 HR \$1.80 \$4.04 \$0.69 \$2.74 DISC & SPRAY 185 HP 0.10 HR \$2.00 \$4.49 \$0.79 \$5.28 PLANTER 126 HP 0.12 HR \$2.40 \$4.29 \$0.79 \$5.28 ROLLING CULT (2X) 126 HP 0.20 HR \$3.40 \$7.62 \$0.95 \$4.66 IRRIGATE (16X) 1.60 HR \$24.56 \$63.47 \$0.00 \$6.20 SUBTOTAL 2.35 HR \$41.56 \$94.19 \$7.35 \$30.66 \$ HARVEST OPERATIONS	SUBTOTAL			\$609.40				\$5.00	\$614.79
PREHARVEST OPERATIONS UNIT RATE INPUTS LABOR LUBE REPAIRS COST DISC 185 HP 0.07 HR \$1.40 \$3.14 \$1.26 \$2.74 CHISEL 185 HP 0.09 HR \$1.80 \$4.04 \$0.69 \$2.74 DISC & SPRAY 185 HP 0.10 HR \$2.00 \$4.49 \$1.87 \$4.75 PLANTER 126 HP 0.12 HR \$2.40 \$4.29 \$0.79 \$5.28 ROLLING CULT (2X) 126 HP 0.20 HR \$4.00 \$7.14 \$1.78 \$4.29 IRRIGATE (16X) 1.60 HR \$2.65 \$63.47 \$0.00 \$62.0 MARVEST OPERATIONS 2.35 HR \$41.56 \$94.19 \$7.35 \$30.66 \$ HARVEST OPERATIONS 2.35 HR \$41.56 \$94.19 \$7.35 \$30.66 \$ UCK SEMI 0.20 HR \$4.00 \$7.23 \$0.88 \$30.42 GRAIN CART 93 HP 0.20 HR \$4.00 \$4.55 \$0.52		DOWED							
DISC 185 HP 0.07 HR \$1.40 \$3.14 \$1.26 \$2.74 CHISEL 185 HP 0.09 HR \$1.80 \$4.04 \$0.69 \$2.74 DISC & SPRAY 185 HP 0.10 HR \$1.80 \$4.49 \$1.87 \$4.75 PLANTER 126 HP 0.12 HR \$2.40 \$4.29 \$0.79 \$5.28 ROLLING CULT (2X) 126 HP 0.12 HR \$4.00 \$7.14 \$1.78 \$4.29 SIDEDRESS 185 HP 0.17 HR \$3.40 \$7.62 \$0.95 \$4.66 IRRIGATE (16X) 1.60 HR \$26.56 \$63.47 \$0.00 \$6.20 SUBTOTAL 2.35 HR \$41.56 \$94.19 \$7.35 \$30.66 \$ HARVEST OPERATIONS 2.35 HR \$44.00 \$7.23 \$0.88 \$30.42 GRAIN CART 93 HP 0.20 HR \$4.00 \$3.64 \$0.61 \$2.65 SUBTOTAL 0.60 HR \$0.00 \$15.42 \$2.02 \$41.07 OVERHEAD EXPENSES <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>TOTAL</td>									TOTAL
CHISEL 185 HP 0.09 HR \$1.80 \$4.04 \$0.69 \$2.74 DISC & SPRAY 185 HP 0.10 HR \$2.00 \$4.49 \$1.87 \$4.75 PLANTER 126 HP 0.12 HR \$2.40 \$4.29 \$0.79 \$5.28 ROLLING CULT (2X) 126 HP 0.20 HR \$4.00 \$7.14 \$1.78 \$4.29 SIDEDRESS 185 HP 0.17 HR \$3.40 \$7.62 \$0.05 \$4.66 IRRIGATE (16X) 1.60 HR \$26.56 \$63.47 \$0.00 \$62.0 SUBTOTAL 2.35 HR \$41.56 \$94.19 \$7.35 \$30.66 \$ HARVEST OPERATIONS 2.35 HR \$41.56 \$94.19 \$7.35 \$30.42 \$ GRAIN CART 93 HP 0.20 HR \$4.00 \$7.23 \$0.88 \$30.42 SUBTOTAL 0.60 HR \$0.00 \$12.00 \$15.42 \$2.02 \$41.07 OVERHEAD EXPENSES 0.30 HR \$0.60 HR \$0.00 \$12.00 \$15.42 \$	PREHARVEST OPERATIONS	UNIT	RATE	INFUI3	LADUR	LUDE	REFAIRS	0031	TOTAL
CHISEL 185 HP 0.09 HR \$1.80 \$4.04 \$0.69 \$2.74 DISC & SPRAY 185 HP 0.10 HR \$2.00 \$4.49 \$1.87 \$4.75 PLANTER 126 HP 0.12 HR \$2.40 \$4.29 \$0.79 \$5.28 ROLLING CULT (2X) 126 HP 0.20 HR \$4.00 \$7.14 \$1.78 \$4.29 SIDEDRESS 185 HP 0.17 HR \$3.40 \$7.62 \$0.05 \$4.66 IRRIGATE (16X) 1.60 HR \$26.56 \$63.47 \$0.00 \$6.20 SUBTOTAL 2.35 HR \$41.56 \$94.19 \$7.35 \$30.66 \$ HARVEST OPERATIONS 2.35 HR \$41.56 \$94.19 \$7.35 \$30.46 \$ GRAIN CART 93 HP 0.20 HR \$4.00 \$7.23 \$0.88 \$30.42 SUBTOTAL 0.60 HR \$0.00 \$12.00 \$15.42 \$2.02 \$41.07 OVERHEAD EXPENSES 0.30 HR \$5.90 \$9.64 \$9.64 \$0.20 \$0.20<	DISC	185 HP	0.07 HR		\$1.40	\$3.14	\$1.26	\$2.74	\$8.55
DISC & SPRAY 185 HP 0.10 HR \$2.00 \$4.49 \$1.87 \$4.75 PLANTER 126 HP 0.12 HR \$2.40 \$4.29 \$0.79 \$5.28 ROLLING CULT (2X) 126 HP 0.20 HR \$4.00 \$7.14 \$1.78 \$4.29 SIDEDRESS 185 HP 0.17 HR \$4.00 \$7.14 \$1.78 \$4.29 IRRIGATE (16X) 1.60 HR \$26.56 \$63.47 \$0.00 \$6.20 HARVEST OPERATIONS 2.35 HR \$41.56 \$94.19 \$7.35 \$30.66 \$ HARVEST OPERATIONS 2.35 HR \$41.56 \$94.19 \$7.35 \$30.66 \$ MARVEST OPERATIONS 2.35 HR \$41.56 \$94.19 \$7.35 \$30.66 \$ MARVEST OPERATIONS 2.02 HR \$4.00 \$7.23 \$0.88 \$30.42 GRAIN CART 93 HP 0.20 HR \$4.00 \$1.52 \$2.02 \$41.07 OVERHEAD EXPENSES 0.60 HR \$0.00 \$12.00 \$15.42 \$2.02 <td< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>\$9.26</td></td<>									\$9.26
PLANTER 126 HP 0.12 HR \$2.40 \$4.29 \$0.79 \$5.28 ROLLING CULT (2X) 126 HP 0.20 HR \$4.00 \$7.14 \$1.78 \$4.29 SIDEDRESS 185 HP 0.17 HR \$3.40 \$7.62 \$0.95 \$4.66 IRRIGATE (16X) 2.35 HR \$26.56 \$63.47 \$0.00 \$6.20 ARVEST OPERATIONS 2.35 HR \$41.56 \$94.19 \$7.35 \$30.66 \$ HARVEST OPERATIONS 2.35 HR \$41.00 \$7.23 \$0.88 \$30.42 GRAIN CART 93 HP 0.20 HR \$4.00 \$3.64 \$0.61 \$2.65 SUBTOTAL 0.60 HR \$0.00 \$12.00 \$15.42 \$2.02 \$41.07 OVERHEAD EXPENSES 0.30 HR \$5.90 \$9.64 \$1.07 \$0.20 \$1.07 LAND TXAES \$0.30 HR \$5.90 \$9.64 \$0.20 \$0.20 \$0.20					-	-			\$13.11
ROLLING CULT (2X) SIDEDRESS 126 HP 185 HP 0.20 HR 0.17 HR \$4.00 \$7.14 \$1.78 \$4.29 SIDEDRESS 185 HP 0.17 HR \$3.40 \$7.62 \$0.95 \$4.66 IRRIGATE (16X) 1.60 HR \$26.56 \$63.47 \$0.00 \$6.20 SUBTOTAL 2.35 HR \$41.56 \$94.19 \$7.35 \$30.66 \$ HARVEST OPERATIONS 2.35 HR \$41.56 \$94.19 \$7.35 \$30.66 \$ COMBINE GRAIN CART 93 HP 0.20 HR \$4.00 \$7.23 \$0.88 \$30.42 SUBTOTAL 0.20 HR \$4.00 \$7.23 \$0.88 \$30.42 GRAIN CART 93 HP 0.20 HR \$4.00 \$3.64 \$0.61 \$2.65 SUBTOTAL 0.60 HR \$0.00 \$12.00 \$15.42 \$2.02 \$41.07 OVERHEAD EXPENSES 0.30 HR \$5.90 \$9.64 \$9.64 \$9.64 INSURANCE \$1.07 \$86.96 \$0.20 \$0.20 \$0.20									\$12.76
SIDEDRESS 185 HP 0.17 HR \$3.40 \$7.62 \$0.95 \$4.66 IRRIGATE (16X) 1.60 HR \$26.56 \$63.47 \$0.00 \$6.20 SUBTOTAL 2.35 HR \$41.56 \$94.19 \$7.35 \$30.66 \$ HARVEST OPERATIONS									\$12.70
IRRIGATE (16X) 1.60 HR \$26.56 \$63.47 \$0.00 \$6.20 SUBTOTAL 2.35 HR \$41.56 \$94.19 \$7.35 \$30.66 \$ HARVEST OPERATIONS									
SUBTOTAL 2.35 HR \$41.56 \$94.19 \$7.35 \$30.66 \$ HARVEST OPERATIONS COMBINE GRAIN CART TRUCK CORN HEAD 93 HP 0.20 HR \$4.00 \$7.23 \$0.88 \$30.42 SUBTOTAL 93 HP 0.20 HR \$4.00 \$3.64 \$0.61 \$2.65 SUBTOTAL 93 HP 0.20 HR \$4.00 \$3.64 \$0.61 \$2.65 SUBTOTAL 0.60 HR \$0.00 \$12.00 \$15.42 \$2.02 \$41.07 OVERHEAD EXPENSES 0.30 HR \$5.90 \$9.64 \$9.64 \$9.64 \$0.20 LAND TAXES SUPERVISION AND MANAGEMENT \$86.96 \$86.96 \$0.20 \$0.20		100 HP							\$16.64
HARVEST OPERATIONS COMBINE GRAIN CART CORN HEAD 93 HP 0.20 HR \$4.00 \$7.23 \$0.88 \$30.42 GRAIN CART 93 HP 0.20 HR \$4.00 \$3.64 \$0.61 \$2.65 TRUCK SEMI 0.20 HR \$4.00 \$15.42 \$2.02 \$8.00 SUBTOTAL OVERHEAD EXPENSES DOWNTIME EMPLOYEE BENEFITS INSURANCE LAND TAXES SUPERVISION AND MANAGEMENT 0.30 HR \$5.90 \$1.07 \$0.20 \$0.20 \$1.07 \$0.20 \$1.07 \$0.20 \$0.20	IRRIGATE (16X)		1.60 HK		\$26.56	\$63.47	\$0.00	\$6.20	\$96.23
COMBINE GRAIN CART CORN HEAD 93 HP 0.20 HR \$4.00 \$7.23 \$0.88 \$30.42 SUBTOTAL 93 HP 0.20 HR \$4.00 \$3.64 \$0.61 \$2.65 SUBTOTAL SEMI 0.20 HR \$4.00 \$15.42 \$2.02 \$41.07 OVERHEAD EXPENSES 0.60 HR \$0.00 \$12.00 \$15.42 \$2.02 \$41.07 OVERHEAD EXPENSES 0.30 HR \$5.90 \$9.64 \$9.64 \$9.64 \$0.20 \$0.20 \$10.20 \$0.20	SUBTOTAL		2.35 HR		\$41.56	\$94.19	\$7.35	\$30.66	\$173.76
GRAIN CART TRUCK 93 HP SEMI 0.20 HR \$4.00 \$3.64 \$0.61 \$2.65 SUBTOTAL 0.20 HR \$4.00 \$4.00 \$4.55 \$0.52 \$8.00 SUBTOTAL 0.60 HR \$0.00 \$12.00 \$15.42 \$2.02 \$41.07 OVERHEAD EXPENSES 0.30 HR \$5.90 \$9.64 \$9.64 \$9.64 \$0.20 DOWNTIME EMPLOYEE BENEFITS INSURANCE LAND TAXES SUPERVISION AND MANAGEMENT 0.30 HR \$5.90 \$0.20 \$0.20 \$1.07 \$9.64 \$9.64 \$9.64 \$0.20	HARVEST OPERATIONS								
TRUCK SEMI 0.20 HR \$4.00 \$4.55 \$0.52 \$8.00 SUBTOTAL 0.60 HR \$0.00 \$12.00 \$15.42 \$2.02 \$41.07 OVERHEAD EXPENSES 0.30 HR \$5.90 \$9.64 \$9.64 \$9.64 \$0.20 DOWNTIME EMPLOYEE BENEFITS INSURANCE LAND TAXES SUPERVISION AND MANAGEMENT 0.30 HR \$5.90 \$0.20 \$0.20 \$0.20 \$0.20 \$0.20 \$0.20	COMBINE	CORN HEAD	0.20 HR		\$4.00	\$7.23	\$0.88	\$30.42	\$42.53
TRUCK SEMI 0.20 HR \$4.00 \$4.55 \$0.52 \$8.00 SUBTOTAL 0.60 HR \$0.00 \$12.00 \$15.42 \$2.02 \$41.07 OVERHEAD EXPENSES 0.30 HR \$5.90 \$9.64 \$9.64 \$9.64 \$0.20 DOWNTIME EMPLOYEE BENEFITS INSURANCE LAND TAXES SUPERVISION AND MANAGEMENT 0.30 HR \$5.90 \$0.20 \$0.20 \$0.20 \$0.20 \$0.20 \$0.20	GRAIN CART	93 HP	0.20 HR						\$10.91
OVERHEAD EXPENSES DOWNTIME 0.30 HR \$5.90 EMPLOYEE BENEFITS \$9.64 INSURANCE \$1.07 LAND TAXES \$0.20 SUPERVISION AND MANAGEMENT \$86.96	TRUCK	SEMI				\$4.55	\$0.52	\$8.00	\$17.07
DOWNTIME 0.30 HR \$5.90 EMPLOYEE BENEFITS \$9.64 INSURANCE \$1.07 LAND TAXES \$0.20 SUPERVISION AND MANAGEMENT \$86.96	SUBTOTAL		0.60 HR	\$0.00	\$12.00	\$15.42	\$2.02	\$41.07	\$70.51
EMPLOYEE BENEFITS\$9.64INSURANCE\$1.07LAND TAXES\$0.20SUPERVISION AND MANAGEMENT\$86.96	OVERHEAD EXPENSES								
EMPLOYEE BENEFITS\$9.64INSURANCE\$1.07LAND TAXES\$0.20SUPERVISION AND MANAGEMENT\$86.96	DOWNTIME		0.30 HR		\$5.90				\$5.90
INSURANCE \$1.07 LAND TAXES \$0.20 SUPERVISION AND MANAGEMENT \$86.96					-				\$9.64
LAND TAXES \$0.20 SUPERVISION AND MANAGEMENT \$86.96				\$1 0 7	φυ.υτ				\$1.07
SUPERVISION AND MANAGEMENT \$86.96				φ1.07				¢በ ጋባ	\$1.07
					#06.00			φυ.20	
UTHER EXPENSES \$54.31				ME4.04	\$00.90				\$86.96
	UTHER EXPENSES			\$54.31					\$54.31

TABLE 9. Corn for grain, sprinkler-irrigated, budgeted per acre costs and returns for a 1,280 acre farm with above average management, Union County,

SUBTOTAL		0.30	HR	\$55.38	\$102.50			\$0.20	\$158.09
TOTAL OPERATING EXPENSES		3.25	HR	\$664.78	\$156.06	\$109.61	\$9.37	\$76.94	\$1,017.15
NET OPERATING PROFIT									\$178.85
INTEREST ON OPERATING CAPITAL INTEREST ON EQUIPMENT INVESTMENT	(\$33	1.73	@	7.25%)				\$24.05 \$43.52
RETURN TO LAND AND RISK									\$111.28
* Pump water costs are shown under irrigation in t	ne preharvest operations BUDGET SUMM		ion						
GROSS RETURN VARIABLE OPERATING EXPENSES	\$1,19 \$783.76	6.00							

(GROSS MARGIN)

(RETURN TO CAPITAL, LABOR, LAND & RISK)

(RETURN TO CAPITAL, LAND & RISK)

\$412.24

\$335.30

\$179.24

\$111.67

\$76.94

\$156.06

\$67.57

RETURN OVER VARIABLE EXPENSES

LABOR AND MANAGEMENT COST

FIXED EXPENSES

NET FARM INCOME

NET OPERATING PROFIT CAPITAL COSTS

RETURN TO LAND AND RISK

	ctober 15 - Novembe									
ITEM	PRICE		YIELI	D	BASE					TOTAL
GROSS RETURNS GRAIN SORGHUM	\$8.96		45.00	СМТ						\$403.20
PROGRAM PAYMENT	\$0.00		45.00		0.85					\$403.20 \$0.00
PLC PAYMENT	\$0.00			CWT	0.00					\$0.00
GRAZING	\$5.00			ACRE						\$5.00
TOTAL									-	\$408.20
PURCHASED INPUTS	PRICE		QUANT	TITY	PURCHASED INPUTS				FIXED COST	TOTAL
SEED	\$2.05		5	LBS	\$10.25					\$10.25
NITROGEN (N)	\$0.83			LBS	\$124.50					\$124.50
PHOSPHATE (P205)	\$2.00			LBS	\$100.00					\$100.00
HERBICIDE	\$22.60			ACRE	\$22.60					\$22.60
LIVESTOCK FAC & EQUIP	<i>\</i>			, (or (2	<i>Q</i> 22 .00				\$5.00	\$5.00
PUMP WATER*			12	AC. IN.						
CROP INSURANCE	\$0.39									\$0.39
SUBTOTAL					\$257.35				\$5.00	\$262.75
PREHARVEST OPERATIONS	POWER UNIT		ACCOMPLIS RATE		PURCHASED INPUTS	LABOR	FUEL & LUBE	REPAIRS	FIXED COST	TOTAL
DISC	185 HP		0.07			\$1.40	\$3.14	\$1.26	\$2.74	\$8.55
CHISEL	185 HP		0.09			\$1.80	\$4.04	\$0.69	\$2.74	\$9.26
DISC & SPRAY	185 HP		0.10			\$2.00	\$4.49	\$1.87	\$4.75	\$13.11
PLANTER	126 HP		0.12			\$2.40	\$4.29	\$0.79	\$5.28	\$12.76
ROLLING CULT.	126 HP		0.10			\$2.00	\$3.57	\$0.89	\$2.15	\$8.61
SIDEDRESS ANHYDROUS	185 HP		0.17	HR		\$3.40	\$7.62	\$0.95	\$4.66	\$16.64
IRRIGATE (6X)			0.60	HR		\$9.96	\$22.40	\$0.00	\$2.19	\$34.55
SUBTOTAL		-	1.25	HR		\$22.96	\$49.55	\$6.46	\$24.51	\$103.47
HARVEST OPERATIONS										
COMBINE	GRAIN TABLE		0.14	HR		\$2.80	\$5.06	\$0.49	\$12.59	\$20.95
GRAIN CART	93 HP		0.14			\$2.80	\$2.55	\$0.43	\$1.86	\$7.63
TRUCK	2 T 18 FT		0.14	HR		\$2.80	\$2.55	\$0.05	\$15.06	\$20.45
SUBTOTAL		-	0.42	HR	\$0.00	\$8.40	\$10.16	\$0.97	\$29.50	\$49.03
OVERHEAD EXPENSES										
DOWNTIME			0.23	HR		\$4.50				\$4.50
EMPLOYEE BENEFITS						\$5.64				\$5.64
INSURANCE					\$0.63					\$0.63
LAND TAXES									\$0.20	\$0.20
SUPERVISION AND MANAGEME	ENT					\$29.83			·	\$29.83
OTHER EXPENSES					\$54.31	·				\$54.31
SUBTOTAL		-	0.23	HR	\$54.94	\$39.98			\$0.20	\$95.12
TOTAL OPERATING EXPENSES		-	1.90	HR	\$312.29	\$71.34	\$59.70	\$7.43	\$59.21	\$510.38
NET OPERATING PROFIT										(\$102.18)
INTEREST ON OPERATING CAP		(\$143.80	@	7.25%)				\$10.43 \$30.44
RETURN TO LAND AND RISK										(\$143.04)
* Pump water costs are shown un	der irrigation in the pr	eharvest ope	erations section	on						(+)
		BUDGET	SUMMARY							
GROSS RETURN	-0	#070 10	\$408.20							
		\$379.43	A00	10000						
	SES	MEA A	\$28.77	(GROS	SS MARGIN)					
FIXED EXPENSES		\$59.21	(¢20 4E)	/סרדוי						
NET FARM INCOME LABOR AND MANAGEMENT COS	т	\$71.34	(\$30.45)	,	RN TO CAPITAL		,			
NET OPERATING PROFIT CAPITAL COSTS		\$40.86	(\$101.78)	(RETU	RN TO CAPITAL	, LAND & RIS	SK)			
		+								

TABLE 10. Grain sorghum, sprinkler-irrigated, budgeted per acre costs and returns for a 1,280 acre farm with above average management, Union County,

ITEM	PRICE	YIELD						TOTAL
GROSS RETURNS								
HAY	\$245.00	1.50 TONS						\$367.50
TOTAL							_	\$367.50
			PURCHASED				FIXED	
PURCHASED INPUTS	PRICE	QUANTITY	INPUTS				COST	TOTAL
SEED	\$0.92	6 LBS	\$5.52					\$5.52
HERBICIDE BALING TWINE	\$13.70 \$0.72	1 ACRE 0 ROLL	\$13.70 \$0.10					\$13.70 \$0.10
SUBTOTAL	φ0.7 <i>2</i>	0 ROLL	\$0.10				-	\$19.31
SUBTUTAL			\$19.31					\$19.31
PREHARVEST OPERATIONS	POWER UNIT	ACCOMPLISHMENT RATE	PURCHASED INPUTS	LABOR	FUEL & LUBE	REPAIRS	FIXED COST	TOTAL
CHISEL	185 HP	0.09 HR		\$1.80	\$4.04	\$0.69	\$2.74	\$9.26
DISC DRILL	185 HP 126 HP	0.07 HR 0.12 HR		\$1.40 \$2.40	\$3.14 \$4.29	\$1.26 \$0.68	\$2.74 \$1.93	\$8.55 \$9.30
SUBTOTAL		0.28 HR		\$5.60	\$11.46	\$2.63	\$7.41	\$27.11
HARVEST OPERATIONS		0.20 1.11		<i>Q</i>	ψ o	42.00	ψιιι	Ψ=
							.	
SWATHER BALER	14 FT SP 126 HP	0.16 HR 0.17 HR		\$3.20 \$3.40	\$2.59 \$6.07	\$0.09 \$0.71	\$0.87 \$1.49	\$6.76 \$11.68
SUBTOTAL		0.33 HR	\$0.00	\$6.60	\$8.67	\$0.80	\$2.37	\$18.43
OVERHEAD EXPENSES			·	·	·		·	·
DOWNTIME		0.15 HR		\$3.05				\$3.05
EMPLOYEE BENEFITS		0.10 111		\$2.20				\$2.20
INSURANCE LAND TAXES			\$0.24				\$0.20	\$0.24 \$0.20
SUPERVISION AND MANAGEMENT				\$26.03			ψ0.20	\$26.03
OTHER EXPENSES			\$54.31					\$54.31
SUBTOTAL		0.15 HR	\$54.56	\$31.28			\$0.20	\$86.04
TOTAL OPERATING EXPENSES		0.43 HR	\$73.87	\$43.48	\$20.13	\$3.43	\$9.98	\$150.89
NET OPERATING PROFIT								\$216.61
INTEREST ON OPERATING CAPITAL INTEREST ON EQUIPMENT INVESTM	ENT	(\$13.97 @	7.25%)				\$1.01 \$6.82
RETURN TO LAND AND RISK								\$208.78

TABLE 11. Haygrazer/millet, dryland, budgeted per acre costs and returns for a 1,280 acre farm with above average management, Union County,

BUDGET SUMMARY

GROSS RETURN		\$367.50	
VARIABLE OPERATING EXPENSES	\$97.43		
RETURN OVER VARIABLE EXPENSES		\$270.07	(GROSS MARGIN)
FIXED EXPENSES	\$9.98		
NET FARM INCOME		\$260.09	(RETURN TO CAPITAL, LABOR, LAND & RISK)
LABOR AND MANAGEMENT COST	\$43.48		
NET OPERATING PROFIT		\$216.61	(RETURN TO CAPITAL, LAND & RISK)
CAPITAL COSTS	\$7.84		
RETURN TO LAND AND RISK		\$208.78	

	ALFALFA ESTABLISHMENT	ALFALFA HAY	WHEAT	CORN FOR GRAIN	GRAIN SORGHUM	HAYGRAZER & MILLET
	LOTADEIOTIMENT					
		TONS	BU	BU	CWT	TONS
PRIMARY YIELD		5.50	80.00		45.00	1.50
PRIMARY PRICE		\$301.00	\$5.80	\$5.88	\$8.96	\$245.00
GOVERNMENT PAYMENTS		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
SECOND INCOME		\$0.00	\$40.00	\$20.00	\$5.00	\$0.00
GROSS RETURN		\$1,655.50	\$504.00	\$1,196.00	\$408.20	\$367.50
CASH OPERATING EXPENSES						
SEED	\$106.80	\$ 040.00	\$50.00	\$156.00	\$10.25	\$5.52
FERTILIZER		\$246.20	\$21.60	\$385.60	\$224.50	¢40.70
CHEMICALS CROP INSURANCE			ድር 10	\$67.80 \$0.39	\$22.60	\$13.70
OTHER PURCHASED INPUTS		\$0.41	\$0.12	Ф 0.39	\$0.39	\$0.10
CANAL WATER		φ0.4 T				\$0.10
FUEL, OIL & LUBRICANTS-EQUIPMENT	\$8.42	\$34.66	\$25.40	\$46.14	\$37.30	\$20.13
FUEL-IRRIGATION	\$5.60	\$74.67	\$20.53	\$63.47	\$22.40	\$ _0.10
REPAIRS	\$1.74	\$3.19	\$5.18	\$9.37	\$7.43	\$3.43
CUSTOM CHARGES						\$0.00
LAND TAXES		\$0.20	\$0.20	\$0.20	\$0.20	\$0.20
OTHER EXPENSES	\$0.28	\$55.21	\$54.85	\$55.38	\$54.94	\$54.56
TOTAL CASH EXPENSES	\$122.83	\$414.54	\$177.88	\$784.36	\$380.03	\$97.63
RETURN OVER CASH EXPENSES	(\$122.83)	\$1,240.96	\$326.12	\$411.64	\$28.17	\$269.87
FIXED EXPENSES	\$8.23	\$44.82	\$37.21	\$76.73	\$59.01	\$9.78
TOTAL EXPENSES	\$131.06	\$459.37	\$215.09	\$861.09	\$439.04	\$107.41
NET FARM INCOME	(\$131.06)	\$1,196.13	\$288.91	\$334.91	(\$30.84)	\$260.09
ABOR AND MANAGEMENT COSTS	\$28.83	\$176.94	\$72.10	\$156.06	\$71.34	\$43.48
NET OPERATING PROFIT	(\$159.90)	\$1,019.19	\$216.81	\$178.85	(\$102.18)	\$216.61
CAPITAL COSTS						
INTEREST ON OPERATING CAPITAL		\$10.52	\$3.38	\$24.05	\$10.43	\$1.01
INTEREST ON EQUIPMENT INVESTMENT		\$12.91	\$19.18	\$43.52	\$30.44	\$6.82
TOTAL CAPITAL COSTS	\$0.00	\$23.43	\$22.56	\$67.57	\$40.86	\$7.84

TABLE 12. Summary of per acre costs and returns for a 1,280 acre farm with above average management, Union County,

Flex Computation

Actual 2023	1			
GROSS RETURNS				
ALFALFA HAY	375 ACRES			
CROP		\$620,813		
WHEAT	420.00 ACRES	. ,		
CROP		\$194,880		
GRAZING		\$16,800		
PROGRAM PAYMEN	IT	\$0		
PLC PAYMENT		\$0		
CORN FOR GRAIN	127.50 ACRES			
CROP		\$149,940		
GRAZING	а т .	\$2,550		
	1	\$0 \$0		
PLC PAYMENT GRAIN SORGHUM	127.5 ACRES	\$0		
CROP	127.3 ACRES	\$51,408		
GRAZING		\$638		
PROGRAM PAYMEN	т	\$0 \$0		
PLC PAYMENT	1	\$0 \$0		
HAYGRAZER/MILLET	190 ACRES	ΨŬ		
CROP		\$69,825		
		+,		
GROSS RETURN				\$1,106,853
CASH OPERATING EXP	ENSES	¢40,400		
SEED		\$49,120		
FERTILIZER		\$179,185		
CHEMICALS CROP INSURANCE		\$14,129		
OTHER PURCHASED		\$150 \$171		
CANAL WATER	INFUT3	\$171 \$0		
FUEL, OIL & LUBRIC		\$38,592		
FUEL-IRRIGATION		\$47,881		
REPAIRS		\$6,262		
CUSTOM CHARGES		ψ0,202 \$0		
LAND TAXES		\$252		
OTHER EXPENSES		\$68,187		
		<i>\\\\</i> 000,101		
TOTAL CAS	SH EXPENSES	•	\$403,929	
				¢702.024
RETURN OVER CASH E	APENSES			\$702,924
FIXED EXPENSES		\$43,490		
TOTAL EXF	PENSES		\$447,419	
NET FARM INCOME				¢650 424
				\$659,434
LABOR AND MANAGEM	ENT COSTS	\$135,475		
NET OPERATING PROF	іт			\$523,959
				ψ020,909
CAPITAL COSTS				
INTEREST ON OPER	ATING CAPITAL	\$9,953		
INTEREST ON EQUIF	PMENT INVESTMENT	\$23,623		
	PITAL COSTS		\$33,576	
			ψ33,370	
RETURN TO LAND AND	RISK			\$490,383

TABLE 13.	Whole farm summary, Union County,
	Actual 2023

	RETURN	RETURN ON
LAND VALUE	TO RISK*	INVESTMENT**
\$500 /ACRE	\$463,183	58.07%
\$750 /ACRE	\$449,583	42.87%
\$1,000 /ACRE	\$435,983	33.97%
\$1,250 /ACRE	\$422,383	28.14%
\$1,500 /ACRE	\$408,783	24.01%

* 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)