

TITLE: SAMPLE COSTS TO PRODUCE GRAIN SORGHUM
 KERN COUNTY --- 1977
 LANDOWNER BASIS

	UNIT	PRICE OR COST/UNIT	QUANTITY	VALUE OR COST PER ACRE	YOUR COST
1. GROSS RECEIPTS FROM PRODUCTION:					
SORGHUM GRAIN	CWT.	4.450	50.000	222.50	
TOTAL RECEIPTS:				\$ 222.50	
2. VARIABLE COSTS:					
PREHARVEST:					
GR SORGHUM SEED	LBS.	0.500	12.000	6.00	
NITROGEN	LBS.	0.250	90.000	22.50	
TRACTOR (FUEL-LUBE-REPAIRS)	ACRE			11.58	
EQUIPMENT (FUEL-LUBE-REPAIRS)	ACRE			4.88	
BUILDINGS (FUEL-LUBE-REPAIRS)	ACRE			1.33	
IRRIGATION POWER COST	ACRE			50.32	
IRRIGATION (LUBE-REPAIRS)	ACRE			8.83	
IRRIGATION WATER APPLIED	ACIN	2.464	24.000		
MACHINERY LABOR	HOUR	5.100	1.734	8.84	
IRRIGATION LABOR	HOUR	4.000	9.000	36.00	
INTEREST ON OPERATING CAP.	DOL.	0.086	49.987	4.26	
TOTAL PREHARVEST COSTS:				\$ 154.54	
PREHARVEST COST PER CWT.				\$ 3.09	
HARVEST:					
EQUIPMENT (FUEL-LUBE-REPAIRS)	ACRE			3.92	
MACHINERY LABOR	HOUR	5.100	0.654	3.34	
INTEREST ON OPERATING CAP.	DOL.	0.086	4.839	0.42	
TOTAL HARVEST COSTS:				\$ 7.68	
HARVEST COST PER CWT.				\$ 0.15	
TOTAL VARIABLE COSTS:				\$ 162.21	
VARIABLE COST PER CWT.				\$ 3.24	
3. INCOME ABOVE VARIABLE COSTS:					
INCOME PER CWT.				\$ 60.29	
				\$ 1.21	
4. CASH OVERHEAD:					
REAL PROPERTY TAXES:				\$ 13.80	
MISC. OFFICE & BOOKKEEPING (2.50% OF TOTAL VARIABLE COSTS)				4.06	
TOTAL CASH OVERHEAD:				\$ 17.86	
5. INCOME ABOVE ALL CASH COSTS:					
INCOME PER CWT.				\$ 42.43	
				\$ 0.85	
6. OWNERSHIP COSTS:					
DEPRECIATION:					
MACHINERY & EQUIPMENT	ACRE			16.93	
IRRIGATION SYSTEM	ACRE			9.79	
BUILDINGS	ACRE			6.80	
TOTAL DEPRECIATION:				\$ 33.52	
CAPITAL & INTEREST:					
MACHINERY&EQUIPMENT		0.086	140.012	12.08	
IRRIGATION SYSTEM		0.086	108.254	9.34	
BUILDINGS		0.086	133.688	11.54	
LAND		0.083	1200.000	99.00	
TOTAL INTEREST CHARGE:				\$ 131.96	
TOTAL FIXED COSTS:				\$ 165.48	
FIXED COST PER CWT.				3.31	
7. TOTAL OF ABOVE COSTS:					
TOTAL COST PER CWT.				\$ 345.55	
				6.91	
8. NET RETURNS:					
NET RETURNS PER CWT.				\$ -123.05	
				-2.46	

BASED ON 100 ACRES OF GR. SORGHUM
 YIELD OF 50 CWT PER ACRE -- CLASS II (SCS) SOILS
 TYPICAL PRACTICES ARE REPRESENTED

SPRINKLER IRRIGATED

DATE: 01/14/78

BUDGET IDENTIFICATION NUMBER 2291500420 322 1
 DATE PRINTED: 03/20/79

BUDGET RECORD NUMBER 162
 HARVEST MONTH: 6

IDENTIFICATION NUMBER 2291500420 322 1
 SAMPLE COSTS TO PRODUCE GRAIN SORGHUM
 KERN COUNTY --- 1977
 LANDOWNER BASIS

HARVEST MONTH 10

BUDGET RECORD NUMBER 162

CATEGORY	UNIT	MONTHLY SUMMARY OF RECEIPTS AND EXPENSES												TOTAL
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
TOTAL RECEIPTS	\$/AC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	222.50	0.00	0.00	222.50
OPERATING EXPENSES														
GR SORGHUM SEED	\$/AC	0.00	0.00	0.00	6.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.00
NITROGEN	\$/AC	0.00	0.00	0.00	22.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	22.50
MACHINE LABOR COST	\$/AC	0.00	0.00	3.66	3.16	1.41	0.11	0.11	0.11	0.11	3.50	0.00	0.00	12.18
INTEREST ON OPER. CAP.	\$/AC	0.00	0.00	0.65	2.04	0.84	0.65	0.43	0.29	0.00	0.00	0.00	0.00	4.90
TRACTOR COST	\$/AC	0.00	0.00	6.50	3.57	1.52	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11.58
EQUIPMENT COST	\$/AC	0.00	0.00	2.69	1.40	0.42	0.07	0.07	0.07	0.07	4.02	0.00	0.00	8.80
BLDG OPER. COST	\$/AC	0.00	0.00	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.00	0.00	1.33
IRRIGATION COST	\$/AC	0.00	0.00	0.00	7.39	12.32	14.79	12.32	12.32	0.00	0.00	0.00	0.00	59.14
IRRIG LABOR COST	\$/AC	0.00	0.00	0.00	4.00	8.00	8.00	8.00	8.00	0.00	0.00	0.00	0.00	36.00
TOTAL EXPENSES	\$/AC	0.00	0.00	13.66	50.23	24.67	23.78	21.10	20.96	0.35	7.70	0.00	0.00	162.44

MONTHLY IRRIGATION AND LABOR REQUIREMENTS														
MACHINE LABOR	HR/AC	0.00	0.00	0.72	0.62	0.28	0.02	0.02	0.02	0.02	0.69	0.00	0.00	2.39
IRRIGATION LABOR	HR/AC	0.00	0.00	0.00	1.00	2.00	2.00	2.00	2.00	0.00	0.00	0.00	0.00	9.00
IRRIG. WATER APPLIED	ACIN	0.00	0.00	0.00	3.00	5.00	6.00	5.00	5.00	0.00	0.00	0.00	0.00	24.00

MACHINERY FIXED AND VARIABLE COSTS PER ACRE

MACHINE	CODE	SIZE	PURCHASE PRICE	YEARS OWNED	ANN HOURS USED	FIXED COST PER ACRE				VARIABLE COST PER ACRE				HRS PER ACRE
						DEPR.	INTER.	TAX & INS	TOTAL	FUEL	LUBE	REPAIRS	TOTAL	
TRACTOR 30 HP	1	30.0	6900.	12.	1000.	0.01	0.01	0.00	0.02	0.02	0.00	0.02	0.05	0.022
TRACTOR 120 HP	7	120.0	30000.	12.	1000.	1.43	1.23	0.26	2.92	2.02	0.30	2.74	5.06	0.761
TRACT 4WD 175HP	8	135.0	52000.	12.	1000.	2.03	1.75	0.37	4.14	2.81	0.42	3.24	6.48	0.624
TRUCK 2 TON	13	2.0	15000.	4.	1400.	0.38	0.14	0.03	0.54	0.81	0.12	0.61	1.54	0.222
PICKUP 1/2 T	14	0.5	7500.	3.	1350.	0.17	0.05	0.01	0.23	0.36	0.05	0.16	0.57	0.155
IRR PUMP 125 HP*	23	3.0	15788.	25.	2133.	3.25	4.16	1.00	8.41	50.32	0.75	0.96	52.03	12.000
COMBINE-GRAIN	25	14.0	38000.	10.	100.	9.70	6.40	1.38	17.48	0.60	0.09	1.69	2.38	0.323
CHISEL	43	12.0	3600.	12.	215.	0.32	0.22	0.05	0.60	0.00	0.01	0.69	0.70	0.270
CULTIVATOR 6ROW	53	15.0	3300.	15.	140.	0.59	0.46	0.11	1.15	0.00	0.01	0.68	0.69	0.412
DISC OFFSET HDTY	63	21.0	9300.	15.	110.	1.52	1.19	0.28	2.99	0.00	0.04	1.88	1.92	0.298
PLANTER BROW	110	20.0	4600.	15.	100.	0.78	0.61	0.14	1.53	0.00	0.02	0.96	0.98	0.280
STEADMOVE TOW*	129	2.0	38655.	10.	5000.	6.54	5.19	1.04	12.77	0.00	0.14	6.97	7.11	12.000
IMPL CARRIER	150	5.0	3500.	15.	200.	0.02	0.02	0.00	0.04	0.00	0.00	0.01	0.01	0.020
FARM SHOP	2		12240.	35.		3.15	5.81	1.38	10.33	1.22		0.05	1.28	
SHOP TOOLS#EQUIP	4		3570.	15.		1.67	2.00	0.40	4.07	0.00		0.05	0.05	
STORAGE SHED	8		7650.	35.		1.97	3.63	0.86	6.46	0.00		0.01	0.01	
FUELTANK 550 GAL	18		136.	30.		0.02	0.09	0.02	0.13	0.00		0.00	0.00	

TOTAL INVESTMENT OR COST 251739.
 MACHINERY & EQUIPMENT 2517.
 INVESTMENT PER ACRE 33.52 32.96 7.33 73.81 58.16 1.97 20.73 80.86

BASED ON 100 ACRES OF GR. SORGHUM
 YIELD OF 50 CWT PER ACRE -- CLASS II (SCS) SOILS
 TYPICAL PRACTICES ARE REPRESENTED

SPRINKLER IRRIGATED

DATE: 01/14/78

BUDGET IDENTIFICATION NUMBER 2291500420 322 1
 HARVEST OR SALE MONTH 6

BUDGET RECORD NUMBER 162

SAMPLE COSTS TO PRODUCE GRAIN SORGHUM
 KERN COUNTY --- 1977
 LANDOWNER BASIS

COSTS AND RETURNS WILL BE
 DIVIDED BY 50.0 CWT.
 TO OBTAIN PER CWT. COSTS

LINE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
PRODUCTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	PRICE	SHARE	UNIT	ITEM	TYPE	XXXX
	NUMBER OF UNITS																	
1 SORGHUM GRAIN	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	50.00	0.00	0.00	4.450	0.000	16.	29.	2.	0.
OPERATING INPUTS	RATE/UNIT												PRICE	SHARE	UNIT	ITEM	TYPE	HARV
														RENT	CODE	CODE		CODE
6 GR SORGHUM SEED	0.00	0.00	0.00	12.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.500	0.000	12.	129.	3.	0.
7 NITROGEN	0.00	0.00	0.00	90.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.250	0.000	12.	211.	3.	0.
MACHINERY REQUIREMENTS	IMPLEMENTS = TIMES OVER, TRUCKS = # MILES/ACRE, TRACTORS = HRS/ACRE												M	POWER	MACH	TYPE	HARV	
													LABOR	UNIT	CODE		CODE	
26 CHISEL	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	8.	43.	4.	0.
27 DISC OFFSET HDY	0.00	0.00	2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	8.	63.	4.	0.
28 PLANTER 8ROW	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	7.	110.	4.	0.
29 CULTIVATOR 6ROW	0.00	0.00	0.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	7.	53.	4.	0.
30 IMPL CARRIER	0.00	0.00	0.20	0.20	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	1.	150.	4.	0.
31 PICKUP 1/2 T	0.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.50	0.00	0.00	0.000	0.000	0.	14.	4.	0.
35 COMBINE-GRAIN	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.000	0.000	0.	25.	4.	9.
36 TRUCK 2 TON	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	0.000	0.000	0.	13.	4.	9.
													SHARE	SHARE	POWER	SYSM		
													FIXED %	VAR %	UNIT	CODE	LIFT	
49 ACIN IRRIG WATER	0.00	0.00	0.00	3.00	5.00	6.00	5.00	5.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	23.	129.	200.
50 NO. TIMES IRRIG	0.00	0.00	0.00	1.00	2.00	2.00	2.00	2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			

EQUIPMENT REQUIREMENTS	NUMBER	PROPORT	XXX	EQUIP	TYPE	XXXX
	UNITS	OF COST		CODE		
51 FARM SHOP	1.000	0.340	0.	2.	5.	0.
52 SHOP TOOLS&EQUIP	1.000	0.340	0.	4.	5.	0.
53 STORAGE SHED	1.000	0.340	0.	8.	5.	0.
54 FUELTANK 550 GAL	1.000	0.340	0.	18.	5.	0.

LAND REQUIREMENTS	CHARGE	NUMBER	VALUE OR	TAXES	PERENNIAL CROPS
	METHOD	OF ACRES	COST/ACRE	PER ACRE	YRS LIFE COST/ACRE
71	1.	100.00	1200.00	13.80	0.0

BASED ON 100 ACRES OF GR. SORGHUM
 YIELD OF 50 CWT PER ACRE -- CLASS II (SCS) SOILS
 TYPICAL PRACTICES ARE REPRESENTED

SPRINKLER IRRIGATED
 DATE: 01/14/78

MACHINERY COMPLEMENT 3
 EQUIPMENT COMPLEMENT 1

NO NAME CHANGES HAVE BEEN STORED WITH THIS BUDGET

PARAMETER CHGS-->11.	RW	CL	VALUE	RW	CL	VALUE	RW	CL	VALUE	RW	CL	VALUE
			3.000000	12.		4.000000						