

TITLE: COSTS FOR PRODUCING FIELD CORN
IN FRESNO COUNTY
YIELD OF 60 CWT/ACRE

	UNIT	PRICE OR COST/UNIT	QUANTITY	VALUE OR COST PER ACRE	YOUR COST
1. GROSS RECEIPTS FROM PRODUCTION:					
CORN, FIELD	CWT.	4.850	60.000	291.00	
TOTAL RECEIPTS:				\$ 291.00	
2. VARIABLE COSTS:					
PREHARVEST:					
FIELD CORN SEED	LBS.	1.150	13.000	14.95	
NITROGEN	LBS.	0.200	150.000	30.00	
HERBICIDE	ACRE	8.800	1.000	8.80	
CUSTOM AIR HERB	ACRE	3.500	1.000	3.50	
TRACTOR (FUEL-LUBE-REPAIRS)	ACRE			24.92	
EQUIPMENT (FUEL-LUBE-REPAIRS)	ACRE			7.54	
BUILDINGS (FUEL-LUBE-REPAIRS)	ACRE			1.56	
IRRIGATION (POWER-LUBE-REP)	ACIN	1.942	36.000	69.90	
MACHINERY LABOR	HOUR	5.990	2.263	13.55	
MACHINE CREW LABOR	HOUR	4.900	0.997	4.89	
IRRIGATION LABOR	HOUR	5.000	11.000	55.00	
INTEREST ON OPERATING CAP.	DOL.	0.140	85.569	11.53	
TOTAL PREHARVEST COSTS:				\$ 246.14	
PREHARVEST COST PER CWT.				\$ 4.1024	
HARVEST:					
EQUIPMENT (FUEL-LUBE-REPAIRS)	ACRE			6.36	
MACHINERY LABOR	HOUR	5.990	0.592	3.55	
TOTAL HARVEST COSTS:				\$ 9.91	
HARVEST COST PER CWT.				\$ 0.1652	
TOTAL VARIABLE COSTS:				\$ 256.06	
VARIABLE COST PER CWT.				\$ 4.2676	
3. INCOME ABOVE VARIABLE COSTS:					
INCOME PER CWT.				\$ 34.94	
				\$ 0.5824	
4. CASH OVERHEAD:					
REAL PROPERTY TAXES:				13.00	
TOTAL CASH OVERHEAD:				\$ 13.00	
OVERHEAD COST PER CWT.				0.2167	
5. INCOME ABOVE ALL CASH COSTS:					
INCOME PER CWT.				\$ 21.94	
				\$ 0.3657	
6. OWNERSHIP COSTS:					
DEPRECIATION:					
MACHINERY & EQUIPMENT	ACRE			27.86	
IRRIGATION SYSTEM	ACRE			17.50	
BUILDINGS	ACRE			7.95	
TOTAL DEPRECIATION:				\$ 53.31	
CAPITAL & INTEREST:					
MACHINERY & EQUIPMENT		0.140	228.350	31.97	
IRRIGATION SYSTEM		0.140	193.744	27.12	
BUILDINGS		0.107	156.415	16.69	
LAND		0.107	1200.000	128.04	
TOTAL INTEREST CHARGE:				\$ 203.82	
TOTAL FIXED COSTS:				\$ 257.14	
FIXED COST PER CWT.				4.2856	
TOTAL OF ABOVE COSTS:				\$ 526.19	
TOTAL COST PER CWT.				8.7699	
B. NET RETURNS:					
NET RETURNS PER CWT.				\$ -235.19	
				-3.9199	

100 ACRES OF FIELD CORN
FURROW IRRIGATED

06/30/78

UC Cooperative Extension

BUDGET IDENTIFICATION NUMBER 2161000620 362 1
DATE PRINTED: 06/09/80

BUDGET RECORD NUMBER 148
HARVEST MONTH: 9

IDENTIFICATION NUMBER 2161000620 362 1
 COSTS FOR PRODUCING FIELD CORN
 IN FRESNO COUNTY
 YIELD OF 60 CWT/ACRE

HARVEST MONTH 9

BUDGET RECORD NUMBER 148

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	291.00	0.00	0.00	0.00	291.00
OPERATING EXPENSES															
FIELD CORN SEED	\$/AC	0.00	0.00	14.95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	14.95
NITROGEN	\$/AC	0.00	0.00	0.00	30.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	30.00
HERBICIDE	\$/AC	0.00	0.00	0.00	0.00	8.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.80
CUSTOM AIR HERB	\$/AC	0.00	0.00	0.00	0.00	3.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.50
MACHINE LABOR COST	\$/AC	0.00	6.06	3.47	4.10	4.10	0.13	0.13	0.20	3.81	0.00	0.00	0.00	0.00	21.99
INTEREST ON OPER. CAP.	\$/AC	0.00	2.00	2.91	3.30	1.84	0.74	0.49	0.25	0.01	0.00	0.00	0.00	0.00	11.53
TRACTOR COST	\$/AC	0.00	15.23	5.35	2.17	2.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	24.92
EQUIPMENT COST	\$/AC	0.00	3.57	2.22	0.54	0.54	0.12	0.12	0.18	6.61	0.00	0.00	0.00	0.00	13.91
BLDG OPER. COST	\$/AC	0.00	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.00	0.00	0.00	0.00	1.56
IRRIGATION COST	\$/AC	0.00	0.00	11.65	11.65	11.65	11.65	11.65	11.65	0.00	0.00	0.00	0.00	0.00	69.90
IRRIG LABOR COST	\$/AC	0.00	0.00	5.00	10.00	10.00	10.00	10.00	10.00	0.00	0.00	0.00	0.00	0.00	55.00
TOTAL EXPENSES	\$/AC	0.00	27.05	45.73	61.95	42.79	22.84	22.59	22.48	10.62	0.00	0.00	0.00	0.00	256.06

MONTHLY IRRIGATION AND LABOR REQUIREMENTS														
	UNIT	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
MACHINE LABOR	HR/AC	0.00	1.01	0.58	0.28	0.28	0.02	0.02	0.03	0.64	0.00	0.00	0.00	2.86
MACH. CREW LABOR	HR/AC	0.00	0.00	0.00	0.50	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00
IRRIGATION LABOR	HR/AC	0.00	0.00	1.00	2.00	2.00	2.00	2.00	2.00	0.00	0.00	0.00	0.00	11.00
IRRIG. WATER APPLIED	ACIN	0.00	0.00	6.00	6.00	6.00	6.00	6.00	6.00	0.00	0.00	0.00	0.00	36.00

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	8280.	12.	1000.	0.01	0.02	0.01	0.04	0.06	0.01	0.03	0.09	0.027
TRACTOR 105 HP	6	105.0	33000.	12.	1000.	0.93	1.31	0.34	2.58	2.19	0.33	1.79	4.32	0.453
TRACTOR 120 HP	7	120.0	36000.	12.	1000.	1.12	1.57	0.40	3.09	2.75	0.41	2.15	5.32	0.498
TRACT 4WD 175HP	8	135.0	62400.	12.	1000.	3.47	4.86	1.25	9.59	8.38	1.26	5.56	15.19	0.891
TRUCK 2 TON	13	2.0	18000.	4.	1400.	0.45	0.27	0.06	0.79	1.67	0.25	0.73	2.65	0.222
PICKUP 1/2 T	14	0.5	9000.	3.	1350.	0.22	0.11	0.03	0.36	0.83	0.12	0.21	1.17	0.173
IRR PUMP 125 HP*	23	3.0	18950.	25.	2133.	5.86	12.14	3.60	21.59	65.09	0.98	1.72	67.79	18.000
COMB 6ROW CORNH D	28	16.0	69600.	10.	90.	16.59	17.77	4.72	39.08	1.06	0.16	2.49	3.71	0.271
CHISEL	43	12.0	4320.	12.	215.	0.39	0.43	0.12	0.94	0.00	0.02	0.83	0.85	0.270
CULTIVATOR 6ROW	53	15.0	3960.	15.	140.	0.70	0.89	0.26	1.86	0.00	0.02	0.82	0.83	0.412
DISC OFFSET HDTY	63	21.0	11160.	15.	110.	1.82	2.32	0.68	4.82	0.00	0.05	2.25	2.30	0.298
LIQ FERT APPLIC.	70	10.0	2830.	15.	140.	0.38	0.48	0.14	1.01	0.00	0.01	0.65	0.67	0.313
LISTER 6 ROW	83	15.0	2400.	13.	190.	0.15	0.17	0.05	0.37	0.00	0.00	0.24	0.24	0.173
4 WH PLANE 12X45	85	12.0	8520.	7.	340.	0.65	0.53	0.14	1.32	0.00	0.01	0.29	0.30	0.243
PLANTER 8ROW	110	20.0	5520.	15.	100.	0.93	1.19	0.35	2.46	0.00	0.02	1.16	1.18	0.280
FURROW IRIG SYS*	132	2.0	45900.	10.	5000.	11.64	14.98	3.72	30.34	0.00	0.04	2.07	2.11	18.000
IMPL CARRIER	150	5.0	4200.	15.	200.	0.03	0.04	0.01	0.08	0.00	0.00	0.01	0.01	0.024
FARM SHOP	2		14321.	35.		3.68	8.40	1.43	13.52	1.43		0.06	1.49	
TOOLS-SHOP EQUIP	4		4177.	15.		1.95	2.90	0.42	5.26	0.00		0.06	0.06	
STORAGE SHED	8		8951.	35.		2.30	5.25	0.90	8.45	0.00		0.01	0.01	
FUELTANK 550 GAL	18		159.	30.		0.02	0.14	0.02	0.17	0.00		0.00	0.00	
MACHINERY & EQUIPMENT INVESTMENT & COSTS PER ACRE			3716.			53.31	75.78	18.63	147.73	83.46	3.68	23.15	110.29	

TOTAL INVESTMENT 371647.

UC Cooperative Extension

100 ACRES OF FIELD CORN
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06/30/78

FUEL USE SUMMARY FOR BUDGET NUMBER 2161000620 362 1

COSTS FOR PRODUCING FIELD CORN
IN FRESNO COUNTY
YIELD OF 60 CWT/ACRE

FUEL USED IN GALLONS PER HOUR

TRACTOR 30 HP	1.800
TRACTOR 105 HP	5.040
TRACTOR 120 HP	5.760
TRACT 4WD 175HP	9.800
TRUCK 2 TON	6.250
PICKUP 1/2 T	4.000
IRR PUMP 125 HP*	0.723
COMB 6ROW CORNH	4.070

FUEL ALLOCATED TO OPERATIONS IN GALLONS PER ACRE COVERED

MACHINE	GALLONS	POWER UNIT
TRUCK 2 TON	0.139	
PICKUP 1/2 T	0.073	
IRR PUMP 125 HP*	0.241	
COMB 6ROW CORNH	1.105	
CHISEL	2.906	TRACT 4WD 175HP
DISC OFFSET HDTY	1.604	TRACT 4WD 175HP
4 WH PLANE 12X45	2.614	TRACT 4WD 175HP
LISTER 6 ROW	1.094	TRACTOR 120 HP
PLANTER 8ROW	1.773	TRACTOR 120 HP
LIQ FERT APPLIC.	0.000	TRACTOR 120 HP
CULTIVATOR 6ROW	1.142	TRACTOR 105 HP
IMPL CARRIER	0.081	TRACTOR 30 HP

FUEL ALLOCATED TO OPERATIONS FOR THE BUDGET UNIT

	1	2	3	4	5	6	7	8	9	10	11	12	TOTAL	FUEL TYPE
CHISEL	0.000	2.906	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.906	3
DISC OFFSET HDTY	0.000	3.208	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.208	3
4 WH PLANE 12X45	0.000	2.614	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.614	3
LISTER 6 ROW	0.000	0.000	1.094	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.094	3
PLANTER 8ROW	0.000	0.000	1.773	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.773	3
LIQ FERT APPLIC.	0.000	0.000	1.980	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.980	3
CULTIVATOR 6ROW	0.000	0.000	0.000	1.142	1.142	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.284	3
IMPL CARRIER	0.000	0.016	0.016	0.008	0.008	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.048	1
PICKUP 1/2 T	0.000	0.073	0.073	0.073	0.073	0.073	0.073	0.109	0.145	0.000	0.000	0.000	0.691	1
TRUCK 2 TON	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.389	0.000	0.000	0.000	1.389	1
COMB 6ROW CORNH	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.105	0.000	0.000	0.000	1.105	3
TOTALS	0.000	8.818	4.936	1.223	1.223	0.073	0.073	0.109	2.639	0.000	0.000	0.000	19.093	

GALLONS FUEL BY TYPE
2.13 GAS
0.00 LP
16.96 DIESEL

FUEL TYPES
1=GAS
2=L.P.
3=DIESEL

UC Cooperative Extension

COSTS FOR PRODUCING FIELD CORN
 IN FRESNO COUNTY
 YIELD OF 60 CWT/ACRE

OPERATION	ITEM NO.	DATE	TIMES OVER	LABOR HOURS	MACHINE HOURS	FUEL, OIL, LUB., REP. PER ACRE	FIXED COSTS PER ACRE
CHISEL	8,	43 FEB	1.00	0.326	0.270	5.90	4.13
DISC OFFSET HDY	8,	63 FEB	2.00	0.360	0.298	7.88	8.34
4 WH PLANE 12X45	8,	85 FEB	1.00	0.293	0.243	4.85	4.19
IMPL CARRIER	1,150	FEB	0.20	0.010	0.008	0.04	0.04
PICKUP 1/2 T	14	FEB	1.00	0.022	0.018	0.12	0.04
LISTER 6 ROW	7,	83 MAR	1.00	0.209	0.173	2.27	1.55
PLANTER 8ROW	7,110	MAR	1.00	0.339	0.280	4.47	4.38
LIQ FERT APPLIC.	70	MAR	1.00	0.000	0.313	0.67	1.01
IMPL CARRIER	1,150	MAR	0.20	0.010	0.008	0.04	0.04
PICKUP 1/2 T	14	MAR	1.00	0.022	0.018	0.12	0.04
CULTIVATOR 6ROW	6,	53 APR	1.00	0.249	0.206	2.57	2.22
IMPL CARRIER	1,150	APR	0.10	0.005	0.004	0.02	0.02
PICKUP 1/2 T	14	APR	1.00	0.022	0.018	0.12	0.04
CULTIVATOR 6ROW	6,	53 MAY	1.00	0.249	0.206	2.57	2.22
IMPL CARRIER	1,150	MAY	0.10	0.005	0.004	0.02	0.02
PICKUP 1/2 T	14	MAY	1.00	0.022	0.018	0.12	0.04
PICKUP 1/2 T	14	JUNE	1.00	0.022	0.018	0.12	0.04
PICKUP 1/2 T	14	JULY	1.00	0.022	0.018	0.12	0.04
PICKUP 1/2 T	14	AUG	1.50	0.033	0.027	0.18	0.06
PICKUP 1/2 T	14	SEPT	2.00	0.044	0.036	0.25	0.08
TRUCK 2 TON	13	SEPT	10.00	0.267	0.222	2.65	0.79
COMB 6ROW CORNH	28	SEPT	1.00	0.326	0.271	3.71	39.08
TOTALS				2.855	2.678	38.83	68.39

100 ACRES OF FIELD CORN
 FURROW IRRIGATED

06/30/78

BUDGET IDENTIFICATION NUMBER ---
 ANNUAL CAPITAL MONTH 9

2161000620 362 1
 BUDGET RECORD NUMBER 148

UC Cooperative Extension

BUDGET IDENTIFICATION NUMBER 2161000620 362 1
 HARVEST OR SALE MONTH 9

BUDGET RECORD NUMBER 148

COSTS FOR PRODUCING FIELD CORN
 IN FRESNO COUNTY
 YIELD OF 60 CWT/ACRE

COSTS AND RETURNS WILL BE
 DIVIDED BY 60.0 CWT.
 TO OBTAIN PER CWT. COSTS

LINE	1 JAN	2 FEB	3 MAR	4 APR	5 MAY	6 JUN	7 JUL	8 AUG	9 SEP	10 OCT	11 NOV	12 DEC	13 PRICE	14 SHARE RENT	15 UNIT CODE	16 ITEM CODE	17 TYPE	18 XXXX
PRODUCTION													NUMBER OF UNITS					
1 CORN, FIELD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	60.00	0.00	0.00	0.00	4.850	0.000	16.	16.	2.	0.
OPERATING INPUTS													RATE/UNIT					
6 FIELD CORN SEED	0.00	0.00	13.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.150	0.000	12.	116.	3.	0.
7 NITROGEN	0.00	0.00	0.00	150.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.200	0.000	12.	211.	3.	0.
8 HERBICIDE	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.800	0.000	7.	250.	3.	0.
9 CUSTOM AIR HERB	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.500	0.000	7.	373.	3.	0.
MACHINERY REQUIREMENTS	IMPLEMENTS = TIMES OVER, TRUCKS = # MILES/ACRE, TRACTORS = HRS/ACRE												# CREW POWER MACH TYPE HARV LABOR UNIT CODE CODE					
26 CHISEL	0.00	1.00	0.00	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 HDTY	0.00	2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	8.	83.	4.	0.
28 4 WH PLANE 12X45	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	8.	85.	4.	0.
29 LISTER 6 ROW	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	7.	83.	4.	0.
30 PLANTER BROW	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	7.	110.	4.	0.
31 LIQ FERT APPLIC.	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	0.	70.	4.	0.
32 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	2.000	6.	53.	4.	0.
33 IMPL CARRIER	0.00	0.20	0.20	0.10	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	1.	150.	4.	0.
34 PICKUP 1/2 T	0.00	1.00	1.00	1.00	1.00	1.00	1.00	1.50	2.00	0.00	0.00	0.00	0.000	0.000	0.	14.	4.	0.
35 TRUCK 2 TON	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	0.00	0.000	0.000	0.	13.	4.	9.
36 COMB 6ROW CORNHD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.000	0.000	0.	28.	4.	9.
40 ACIN IRRIG WATER	0.00	0.00	6.00	6.00	6.00	6.00	6.00	6.00	0.00	0.00	0.00	0.00	0.00	0.00	23.	132.	175.	
41 TIMES IRRIG	0.00	0.00	1.00	2.00	2.00	2.00	2.00	2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		

EQUIPMENT REQUIREMENTS

51 FARM SHOP
 52 TOOLS-SHOP EQUIP
 53 STORAGE SHED
 54 FUELTANK 550 GAL

NUMBER UNITS	PROPORT OF COST	XXX EQUIP CODE	TYPE	XXXX
1.000	0.340	0.	2.	5. 0.
1.000	0.340	0.	4.	5. 0.
1.000	0.340	0.	8.	5. 0.
1.000	0.340	0.	18.	5. 0.

LAND REQUIREMENTS

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CHARGE METHOD	NUMBER OF ACRES	VALUE OR COST/ACRE	TAXES PER ACRE	PERENNIAL CROPS YRS LIFE	COST/ACRE
1.	100.00	1200.00	13.00	0.0	0.00

100 ACRES OF FIELD CORN
 FURROW IRRIGATED

MACHINERY COMPLEMENT 3
 EQUIPMENT COMPLEMENT 1

06/30/78

UC Cooperative Extension

NO NAME CHANGES HAVE BEEN STORED WITH THIS BUDGET

NO COMPLEMENT CHANGES HAVE BEEN STORED WITH THIS BUDGET