

#137

COST & RETURNS SUMMARY FOR CORN, FIELD
COST AND RETURNS FOR PRODUCING FIELD CORN BY: T.E. KEARNEY, F.A.
 YOLO COUNTY WOODLAND AREA 1982 L. HOREL, SRA
 600 ACRES IN A 2900 ACRE ENTERPRISE K. OLSON, ECONOMIST

	UNIT	PRICE OR COST/UNIT	QUANTITY	VALUE OR COST PER ACRE	YOUR COST
1. GROSS RECEIPTS FROM PRODUCTION:					
CORN, FIELD	CWT.	6.000	90.000	540.00	
TOTAL RECEIPTS:				540.00	
2. VARIABLE COSTS:					
PREHARVEST:					
TAG-A-LONG RENT	ACRE	1.000	1.000	1.00	
NITROGEN	LBS.	0.225	200.000	45.00	
STARTER FERT.	ACRE	31.230	1.000	31.23	
FIELD CORN SEED	LBS.	1.270	18.000	22.86	
POST EMERG HERB	LBS.	2.650	0.500	1.33	
MITICIDE	QT.	4.000	2.000	8.00	
AERIAL SPRAYING	ACRE	4.500	1.000	4.50	
CLEARLAKE WATER	ACIN	0.710	18.000	12.78	
TRACTOR (FUEL-LUBE-REPAIRS)	ACRE			55.90	
EQUIPMENT (FUEL-LUBE-REPAIRS)	ACRE			18.63	
IRRIGATION (POWER-LUBE-REP)	ACIN	0.823	18.000	14.82	
MACHINERY LABOR	HR	7.040	5.249	36.95	
MACHINE CREW LABOR	HR	5.290	0.465	2.46	
IRRIGATION LABOR	HR	5.290	7.500	39.67	
INTEREST ON OPERATING CAP.	DOL.	0.16500	114.456	18.16	
TOTAL PREHARVEST COSTS:				313.30	
PREHARVEST COST PER CWT.				3.4811	
HARVEST:					
CUSTOM DRYING	TON	7.500	1.500	11.25	(25% is landowners share)
EQUIPMENT (FUEL-LUBE-REPAIRS)	ACRE			7.91	
MACHINERY LABOR	HR	7.040	0.330	2.32	
TOTAL HARVEST COSTS:				21.48	
HARVEST COST PER CWT.				0.2382	
TOTAL VARIABLE COSTS:				334.78	
VARIABLE COST PER CWT.				3.7198	
3. INCOME ABOVE VARIABLE COSTS:					
INCOME PER CWT.				205.22	
4. OVERHEAD:					
PERSONAL PROPERTY TAXES:				5.38	
INSURANCE:				10.37	
SHARE RENT: (landowners share of drying subtracted)				132.19	
MISC. OFFICE & BOOKKEEPING (11.00% OF TOTAL VARIABLE COSTS)				36.83	
MANAGEMENT (5.00% OF GROSS RECEIPTS)				27.00	
TOTAL OVERHEAD:				211.77	
OVERHEAD COST PER CWT.				2.3530	
TOTAL CASH COSTS:				546.56	
TOTAL CASH COST PER CWT.				6.0728	
5. INCOME ABOVE ALL CASH COSTS:					
INCOME PER CWT.				-6.56	
				-0.0728	
6. OWNERSHIP COSTS:					
DEPRECIATION:					
MACHINERY & EQUIPMENT	ACRE			28.63	
TOTAL DEPRECIATION:				28.63	
CAPITAL & INTEREST:					
MACHINERY & EQUIPMENT		0.16500	156.486	25.82	
TOTAL INTEREST CHARGE:				25.82	
TOTAL FIXED COSTS:				54.45	
FIXED COST PER CWT.				0.6050	
7. TOTAL OF ABOVE COSTS:					
TOTAL COST PER CWT.				601.00	
				6.6778	
8. NET RETURNS:					
NET RETURNS PER CWT.				-61.00	
				-0.6778	

600 ACRES FOLLOWING ALFALFA, WHEAT OR SUGARBEETS
 BEDS IN MOISTURE - SHARE RENT OPERATION
 1/2 GROUNDWATER @ 125' LIFT - 1/2 CLEARLAKE WATER
 DATE PRINTED: 01/08/82 HARVEST MONTH: 9

UPDATED 01/08/82
 BUDGET RECORD NUMBER 137

CASH FLOW & INVESTMENT SUMMARY FOR CORN, FIELD

BUDGET RECORD NUMBER 137

COST AND RETURNS FOR PRODUCING FIELD CORN
 YOLO COUNTY WOODLAND AREA 1982
 600 ACRES IN A 2900 ACRE ENTERPRISE

BY: T.E. KEARNEY, F.A.
 L. HOREL, SRA
 K. OLSON, ECONOMIST

MONTHLY SUMMARY OF RECEIPTS AND EXPENSES

CATEGORY	UNIT	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
TOTAL RECEIPTS	\$/AC								540.00					540.00
OPERATING EXPENSES	\$/AC													
TAG-A-LONG RENT	\$/AC					1.00								1.00
NITROGEN	\$/AC					45.00								45.00
STARTER FERT.	\$/AC				31.23									31.23
FIELD CORN SEED	\$/AC				22.86									22.86
POST EMERG HERB	\$/AC					1.33								1.33
MITICIDE	\$/AC						8.00							8.00
CUSTOM DRYING	\$/AC								11.25					11.25
AERIAL SPRAYING	\$/AC						4.50							4.50
CLEARLAKE WATER	\$/AC					4.26	4.26	4.26						12.78
MACHINE LABOR COST	\$/AC		2.83	5.78	10.53	7.53	0.42	0.08	0.76	5.14	8.33	0.34		41.74
INTEREST ON OPER. CAP.	\$/AC		0.72	1.31	5.33	4.61	1.41	0.58	0.02		4.09	0.09		18.16
TRACTOR COST	\$/AC		4.52	8.46	12.12	9.35	0.65		0.65	5.04	15.12			55.90
EQUIPMENT COST	\$/AC		0.38	2.31	4.41	1.63	0.14	0.07	0.45	13.07	3.76	0.31		26.54
IRRIGATION COST	\$/AC					4.94	4.94	4.94						14.82
IRRIG LABOR COST	\$/AC					13.23	13.23	13.23						39.67
TOTAL EXPENSES	\$/AC	0.00	8.45	17.86	86.49	92.86	37.54	23.15	1.88	34.51	31.30	0.74	0.00	334.78

MONTHLY IRRIGATION AND LABOR REQUIREMENTS

MACHINE LABOR	HR/AC	0.40	0.82	1.15	1.07	0.06	0.01	0.11	0.73	1.18	0.05			5.58
MACH. CREW LABOR	HR/AC			0.47										0.47
IRRIGATION LABOR	HR/AC				2.50	2.50	2.50							7.50
IRRIG. WATER APPLIED	ACIN				6.00	6.00	6.00							18.00

MACHINERY FIXED AND VARIABLE COSTS PER ACRE

MACHINE	CODE	SIZE	PURCHASE PRICE	YEARS OWNED	ANNUAL HOURS USED	FIXED COST PER ACRE				VARIABLE COST PER ACRE				HRS PER ACRE
						DEPR.	INTER.	TAX & INS	TOTAL	FUEL	LUBE	REPAIRS	TOTAL	
TRACTOR 85HP	4	90.0	23000.	3.	3650.	0.41	0.33	0.16	0.89	1.74	0.26	1.08	3.08	0.410
TRACTOR 130HP	7	135.0	43000.	3.	3650.	4.58	3.68	1.81	10.07	16.08	2.41	12.22	30.71	2.479
CRAWLER 125HP	11	120.0	100000.	5.	3250.	5.12	5.54	2.78	13.43	10.97	1.65	9.49	22.10	1.507
PICKUP 1/2 TON	14	0.5	9000.	2.	2400.	0.34	0.16	0.08	0.58	1.75	0.26	0.45	2.47	0.344
IRR PUMP 100HP	23	3.8	0.	25.	2133.	0.00	0.00	0.00	0.00	13.59	0.20	0.47	14.27	4.737
COMB 6ROW CORNHND	28	16.0	120000.	6.	325.	11.40	11.11	5.78	28.29	1.72	0.26	5.94	7.91	0.275
SUBSOILER	45	10.0	6000.	2.	1090.	0.36	0.17	0.08	0.61	0.00	0.02	0.77	0.78	0.250
CULTIVATOR 6 ROW	53	15.0	3960.	5.	500.	0.44	0.36	0.19	0.98	0.00	0.02	0.78	0.80	0.412
SADDLE TANKS	55	15.0	3000.	4.	650.	0.13	0.09	0.05	0.26	0.00	0.01	0.40	0.41	0.173
STUBBLE DISC	67	10.0	26000.	3.	1000.	1.58	0.95	0.48	3.01	0.00	0.10	4.94	5.03	0.313
ROLLING CULY.	68	7.0	4560.	4.	650.	0.69	0.49	0.25	1.43	0.00	0.04	1.83	1.87	0.620
4 WH PLANE 12X45	85	12.0	8520.	2.	1200.	0.91	0.42	0.21	1.54	0.00	0.01	0.59	0.60	0.485
FURROWER 6SHOVEL	91	9.8	1800.	5.	585.	0.28	0.22	0.12	0.61	0.00	0.02	0.75	0.77	0.664
TOW SPRAYER	93	15.0	2040.	4.	650.	0.19	0.13	0.07	0.39	0.00	0.01	0.31	0.32	0.373
AB PLOW 4-18 2W	96	6.7	17000.	6.	455.	0.90	0.80	0.42	2.12	0.00	0.04	2.03	2.07	0.202
PLANTER 6ROW	109	15.0	8000.	6.	485.	0.75	0.67	0.36	1.78	0.00	0.06	3.12	3.18	0.385
FURROW IRRIG SYS#	132	3.8	0.	10.	5000.	0.00	0.00	0.00	0.00	0.00	0.01	0.54	0.56	4.737
DITCHER	138	1.0	7000.	14.	180.	0.30	0.43	0.24	0.96	0.00	0.00	0.23	0.24	0.120
IMPLAT CARRIER	150	5.0	4200.	7.	400.	0.26	0.27	0.14	0.68	0.00	0.00	0.10	0.10	0.244

MACHINERY & EQUIPMENT 806. 28.63 25.82 13.21 67.66 45.85 5.37 46.04 97.27

INVESTMENT & COSTS PER ACRE

TOTAL INVESTMENT 387080.

600 ACRES FOLLOWING ALFALFA, WHEAT OR SUGARBEETS
 BEDS IN MOISTURE - SHARE RENT OPERATION
 1/2 GROUNDWATER @ 125' LIFT - 1/2 CLEARLAKE WATER
 DATE PRINTED: 01/08/82

UPDATED 01/08/82

FUEL USE SUMMARY FOR BUDGET RECORD NUMBER 137
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 YOLO COUNTY WOODLAND AREA 1982 L. HOREL, SRA
 600 ACRES IN A 2900 ACRE ENTERPRISE K. OLSON, ECONOMIST

FUEL USED IN GALLONS PER HOUR

TRACTOR 85HP	4.080	
TRACTOR 130HP	6.240	
CRAWLER 125HP	7.000	
PICKUP 1/2 TON	4.000	
IRR PUMP 100HP	62.359	(KWHRS)
COB 6ROW CORNHD	6.000	

FUEL ALLOCATED TO OPERATIONS IN GALLONS PER ACRE COVERED

MACHINE	GALLONS	POWER UNIT
PICKUP 1/2 TON	0.073	
COB 6ROW CORNHD	1.650	
MB PLOW 4-18 2W	3.114	CRAWLER 125HP
SUBSOILER	3.850	CRAWLER 125HP
4 WH PLANE 12X45	1.867	CRAWLER 125HP
PLANTER 6ROW	2.640	TRACTOR 130HP
CULTIVATOR 6 ROW	1.414	TRACTOR 130HP
FURROWER 6SHOVEL	2.278	TRACTOR 130HP
HITCHER	7.700	CRAWLER 125HP
TOW SPRAYER	1.675	TRACTOR 85HP
STUBBLE DISC	2.406	CRAWLER 125HP
INPLAT CARRIER	0.179	PICKUP 1/2 TON
SADDLE TANKS	1.185	TRACTOR 130HP
ROLLING CULT.	2.129	TRACTOR 130HP
FURROW IRIG SYS*	295.385	IRR PUMP 100HP
FUEL ALLOCATED TO OPERATIONS FOR THE BUDGET UNIT		

	1	2	3	4	5	6	7	8	9	10	11	12	TOTAL	FUEL TYPE
MB PLOW 4-18 2W	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.557	0.000	0.000	1.557	DIESEL
SUBSOILER	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.925	0.000	0.000	1.925	DIESEL
4 WH PLANE 12X45	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.735	0.000	0.000	3.735	DIESEL
PLANTER 6ROW	0.000	0.000	0.000	2.640	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.640	DIESEL
CULTIVATOR 6 ROW	0.000	0.000	0.000	0.000	2.828	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.828	DIESEL
FURROWER 6SHOVEL	0.000	2.278	0.000	2.278	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.555	DIESEL
HITCHER	0.000	0.000	0.000	0.000	0.308	0.308	0.000	0.308	0.000	0.000	0.000	0.000	0.924	DIESEL
TOW SPRAYER	0.000	0.000	0.000	0.000	1.675	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.675	DIESEL
PICKUP 1/2 TON	0.000	0.000	0.073	0.073	0.073	0.036	0.036	0.036	0.073	0.000	0.000	0.000	0.400	GAS
COB 6ROW CORNHD	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.650	0.000	0.000	0.000	1.650	DIESEL
STUBBLE DISC	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.406	0.000	0.000	0.000	2.406	DIESEL
INPLAT CARRIER	0.000	0.000	0.179	0.179	0.179	0.000	0.000	0.179	0.000	0.179	0.179	0.000	1.076	GAS
SADDLE TANKS	0.000	0.000	0.000	1.185	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.185	DIESEL
ROLLING CULT.	0.000	0.000	4.258	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4.258	DIESEL
FURROW IRIG SYS*	0.000	0.000	0.000	0.000	98.462	98.462	98.462	0.000	0.000	0.000	0.000	0.000	295.385	KWH
TOTALS	0.000	2.278	4.510	6.355	103.524	98.806	98.498	0.524	4.129	7.396	0.179	0.000	30.813	

GALLONS FUEL BY TYPE

1.48 GAS
 0.00 LP
 29.34 DIESEL
 0.00 N. GAS
 295.38 KWHRS

600 ACRES FOLLOWING ALFALFA, WHEAT OR SUGARBEETS
 BEDS IN MOISTURE - SHARE RENT OPERATION
 1/2 GROUNDWATER @ 125' LIFT - 1/2 CLEARLAKE WATER
 DATE PRINTED: 01/08/82

UPDATED 01/08/82

FUEL TYPES

1=GAS
 2=L.P.
 3=DIESEL
 4=N. GAS
 5=ELEC.

MACHINERY OPERATIONS SUMMARY
COST AND RETURNS FOR PRODUCING FIELD CORN
YOLO COUNTY WOODLAND AREA 1982
600 ACRES IN A 2900 ACRE ENTERPRISE

BUDGET RECORD NUMBER 137
BY: T.E. KEARNEY, F.A.
L. HOREL, SRA
K. OLSON, ECONOMIST

OPERATION	ITEM NO.	DATE	TIRES OVER	LABOR HOURS	MACHINE HOURS	FUEL, OIL, FIXED	
						LUB., REP. PER ACRE	COSTS PER ACRE
RB PLOW 4-18 2W	11, 96	OCT	0.50	0.245	0.202	5.33	4.10
SUBSOILER	11, 45	OCT	0.50	0.303	0.250	4.82	3.07
4 WH PLANE 12X45	11, 85	OCT	2.00	0.587	0.485	8.43	6.30
INPLAT CARRIER	14, 150	OCT	1.00	0.049	0.041	0.34	0.19
INPLAT CARRIER	14, 150	NOV	1.00	0.049	0.041	0.34	0.19
FURROWER 6SHOVEL	7, 91	FEB	1.00	0.402	0.332	4.91	1.79
PICKUP 1/2 TON	14, 14	MAR	1.00	0.022	0.018	0.13	0.03
INPLAT CARRIER	14, 150	MAR	1.00	0.049	0.041	0.34	0.19
ROLLING CULT.	7, 68	MAR	2.00	0.751	0.620	10.33	4.20
PLANTER 6ROW	7, 109	APR	1.00	0.000	0.395	8.42	3.50
FURROWER 6SHOVEL	7, 91	APR	1.00	0.402	0.332	4.91	1.79
PICKUP 1/2 TON	14, 14	APR	1.00	0.022	0.018	0.13	0.03
INPLAT CARRIER	14, 150	APR	1.00	0.049	0.041	0.34	0.19
SADDLE TANKS	7, 55	APR	1.00	0.209	0.173	2.76	1.04
CULTIVATOR 6 ROW	7, 53	MAY	2.00	0.499	0.412	6.41	2.82
DITCHER	11, 138	MAY	0.04	0.048	0.040	0.72	0.71
TOW SPRAYER	4, 93	MAY	1.00	0.451	0.373	3.40	1.28
PICKUP 1/2 TON	14, 14	MAY	1.00	0.022	0.018	0.13	0.03
INPLAT CARRIER	14, 150	MAY	1.00	0.049	0.041	0.34	0.19
DITCHER	11, 138	JUNE	0.04	0.048	0.040	0.72	0.71
PICKUP 1/2 TON	14, 14	JUNE	0.50	0.011	0.009	0.07	0.02
PICKUP 1/2 TON	14, 14	JULY	0.50	0.011	0.009	0.07	0.02
DITCHER	11, 138	AUG	0.04	0.048	0.040	0.72	0.71
PICKUP 1/2 TON	14, 14	AUG	0.50	0.011	0.009	0.07	0.02
INPLAT CARRIER	14, 150	AUG	1.00	0.049	0.041	0.34	0.19
PICKUP 1/2 TON	14, 14	SEPT	1.00	0.022	0.018	0.13	0.03
COMB 6ROW CORNHD	28, 28	SEPT	1.00	0.330	0.275	7.91	28.29
STUBBLE DISC	11, 67	SEPT	1.00	0.328	0.313	10.08	6.08

TOTALS 5.116 4.616
600 ACRES FOLLOWING ALFALFA, WHEAT OR SUGARBEETS
BEDS IN MOISTURE - SHARE RENT OPERATION
1/2 GROUNDWATER @ 125' LIFT - 1/2 CLEARLAKE WATER
DATE PRINTED: 01/08/82

82.62 67.70

UPDATED 01/08/82

STORED DATA PAGE (NO CALCULATIONS) FOR CORN, FIELD

BUDGET RECORD NUMBER 137

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 YOLO COUNTY WOODLAND AREA 1982 L. HOREL, SRA
 600 ACRES IN A 2900 ACRE ENTERPRISE K. OLSON, ECONOMIST

COSTS AND RETURNS WILL BE DIVIDED BY 90.0 CWT. TO OBTAIN PER CWT. COSTS

LINE PRODUCTION	NUMBER OF UNITS												PRICE	SHARE RENT	UNIT CODE	ITEM CODE	TYPE	HARV CODE
	1 JAN	2 FEB	3 MAR	4 APR	5 MAY	6 JUN	7 JUL	8 AUG	9 SEP	10 OCT	11 NOV	12 DEC						
1 CORN, FIELD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	90.00	0.00	0.00	0.00	6.000	0.250	16.	16.	2.	0.
OPERATING INPUTS																		
	RATE/UNIT												PRICE	SHARE RENT	UNIT CODE	ITEM CODE	TYPE	HARV CODE
6 TAG-A-LONG RENT	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.000	0.000	7.	356.	3.	0.
7 NITROGEN	0.00	0.00	0.00	0.00	20.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.225	0.000	12.	211.	3.	0.
8 STARTER FERT.	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	31.230	0.000	7.	212.	3.	0.
9 FIELD CORN SEED	0.00	0.00	0.00	18.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.270	0.000	12.	116.	3.	0.
12 POST EMERG HERB	0.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.650	0.000	12.	268.	3.	0.
13 MITICIDE	0.00	0.00	0.00	0.00	0.00	2.00	0.00	0.00	0.00	0.00	0.00	0.00	4.000	0.000	14.	247.	3.	0.
14 CUSTON DRYING	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.50	0.00	0.00	0.00	7.500	0.250	3.	312.	3.	9.
15 AERIAL SPRAYING	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	4.500	0.000	7.	370.	3.	0.
16 CLEARLAKE WATER	0.00	0.00	0.00	0.00	6.00	6.00	6.00	0.00	0.00	0.00	0.00	0.00	0.710	0.000	11.	493.	3.	0.

MACHINERY REQUIREMENTS	IMPLEMENTS = TIMES OVER, TRUCKS = # MILES/ACRE, TRACTORS = HRS/ACRE												A CREW LABOR	POWER UNIT	MACH CODE	TYPE	HARV CODE	
	1	2	3	4	5	6	7	8	9	10	11	12						
26 MB PLOW 4-18 2W	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.50	0.00	0.00	0.000	0.000	11.	96.	4.	0.
27 SUBSOILER	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.50	0.00	0.00	0.000	0.000	11.	45.	4.	0.
28 4 WH PLANE 12X45	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.00	0.00	0.00	0.000	0.000	11.	85.	4.	0.
32 PLANTER 6ROW	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	1.000	7.	109.	4.	0.
33 CULTIVATOR 6 ROW	0.00	0.00	0.00	0.00	2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	7.	53.	4.	0.
34 FURROWER 6SHOVEL	0.00	1.00	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.	91.	4.	0.
35 DITCHER	0.00	0.00	0.00	0.00	0.04	0.04	0.00	0.04	0.00	0.00	0.00	0.00	0.000	0.000	11.	138.	4.	0.
36 TOW SPRAYER	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	4.	93.	4.	0.
37 PICKUP 1/2 TON	0.00	0.00	1.00	1.00	1.00	0.50	0.50	0.50	1.00	0.00	0.00	0.00	0.000	0.000	0.	14.	4.	0.
38 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.
39 STUBBLE DISC	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	11.	67.	4.	0.
40 INPLAT CARRIER	0.00	0.00	1.00	1.00	1.00	0.00	0.00	1.00	0.00	1.00	1.00	0.00	0.000	0.000	14.	150.	4.	0.
41 SADDLE TANKS	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.	55.	4.	0.
42 ROLLING CULT.	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	7.	68.	4.	0.
													SHARE FIXED	SHARE VAR	POWER UNIT	SYSM CODE	LIFT	
49 ACIN IRRIG WATER	0.00	0.00	0.00	0.00	6.00	6.00	6.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	23.	132.	125.	
50 NO. TIMES IRRIG	0.00	0.00	0.00	0.00	2.00	2.00	2.00	0.00	0.00	0.00	0.00	0.00						

EQUIPMENT REQUIREMENTS	NUMBER PROPORT XXX EQUIP TYPE XXXX							
	UNITS	OF COST	CODE					
NONE STORED WITH BUDGET								
COLUMNS --->	2	3	4	5	6	7	8	
LAND REQUIREMENTS	CHARGE METHOD		NUMBER OF ACRES	VALUE OR COST/ACRE	TAXES PER ACRE	PERENNIAL CROPS YRS LIFE	COST/ACRE	
71	3.		480.00	0.00	0.00	0.0	0.00	
ENTERPRISE 2-16 REGION/COUNTY 57 UNASSIGNED 00000 MACH COMP 6 IRRIG SYST 6 UNASSIGNED 2 EQUIP SET 1 HARVEST MONTH 9								

600 ACRES FOLLOWING ALFALFA, WHEAT OR SUGARBEETS BEDS IN MOISTURE - SHARE RENT OPERATION
 1/2 GROUNDWATER @ 125' LIFT - 1/2 CLEARLAKE WATER

UPDATED 01/08/82 MACHINERY COMPLEMENT 6 EQUIPMENT COMPLEMENT 1

LINE CHANGE	GENERAL NAME CHANGE->	LINE CHANGE	GENERAL NAME CHANGE->	LINE CHANGE	GENERAL NAME CHANGE->	LINE CHANGE	GENERAL NAME CHANGE->
212	STARTER FERT.	356	TAG-A-LONG RENT	493	CLEARLAKE WATER	4	TRACTOR 85HP
93	TOW SPRAYER	1	TRACTOR 50HP.	68	ROLLING CULT.	7	TRACTOR 130HP
11	CRAWLER 125HP	96	MB PLOW 4-18 2W	23	IRR PUMP 100HP		
RW CL	VALUE	RW CL	VALUE	RW CL	VALUE	RW CL	VALUE
72.	4. 5.000000	1. 2.	50.000000	1.16.	50.000000	4. 3.	23000.000000
7.	3.430000	7.13.	43000.000000	7.16.	130.000000	11. 3.	*****
28.	3.*****	28.13.	*****	55. 3.	3000.000000	55.13.	3000.000000
96.	3.170000	96.13.	17000.000000	*** 3.	8000.000000	***13.	8000.000000
*** 2.	1.000000	23.16.	100.000000	23. 2.	3.800000	*** 2.	3.800000
6.	0.165000	7.	0.050000	8.	0.095000	10.	7.040000
17.	0.095000	26.	0.165000	27.	0.050000	28.	0.110000
1.	1.270000	3.	1.040000			12.	5.290000
						18.	1.250000
							0.050000
							5.290000

Additional Notes for Field Corn Production
Yolo County 1982

This budget is an updated version of the 1980 budget by Tom Kearney - field crops Farm Advisor for Yolo County. There have been a couple of major changes from the 1980 version as noted in the following:

1. Starter fertilizer -- the total cost for each acre is comprised of two chemicals as follows:

200 lbs of 8-24-6 @ \$293 per ton	=	\$29.30
<u>plus</u> 1/5 gal of zinc @ \$9.63 per gal	=	\$ 1.93
	total	= \$31.23

applied with saddle tanks.

2. Water for irrigation -- assumptions were changed from original budget with half of 36 ac. in. of water pumped through furrow system @ 125' lift - 1725 gpm (3.8 ac. in./hr). Half of the water is Clearlake water from district. Total of six applications of 6 ac. in. per application. Two irrigations each month - one pumped and one district. Irrigation labor is 1.25 hours per application.

3. Parameters -- labor rates were changed to \$5.29 for irrigation labor and \$7.04 for all other labor; all interest rates were increased to 16.5 percent.

4. Custom drying -- was assumed to be done for 1.5 tons per acre as the amount which was not dried naturally. The actual ratio of dried, marketed corn to wet corn is 1/3 but 2/3 of the wet corn is already dried by the time it is harvested. Therefore, the out-of-pocket cost for drying 90 cwt of corn amounts to the cost for 1/3 of it or 1.5 tons. Also, 25 percent of the drying cost for the 1.5 tons is paid by the landowner by subtracting such from the amount paid for share rent.

5. Ditcher -- used .04 hrs/acre each month in May, June, and August.