

TITLE: COST TO PRODUCE IRRIGATED BARLEY
 MERCED COUNTY - 1977
 LAND OWNER BASIS

	UNIT	PRICE OR COST/UNIT	QUANTITY	VALUE OR COST PER ACRE	YOUR COST
1. GROSS RECEIPTS FROM PRODUCTION:					
BARLEY	CMT.	5.450	30,000	\$ 163.50	
TOTAL RECEIPTS:				\$ 163.50	
2. VARIABLE COSTS:					
PREHARVEST:					
NITROGEN	LBS.	0.200	80,000	\$ 16.00	
BARLEY, SEED	CMT.	8.500	0,800	6.80	
MISCL EXPENSE	ACRE	1.500	1,000	1.50	
TRACTOR (FUEL-LUBE-REPAIRS)	ACRE			5.42	
EQUIPMENT (FUEL-LUBE-REPAIRS)	ACRE			1.49	
BUILDINGS (FUEL-LUBE-REPAIRS)	ACRE			1.34	
IRRIGATION POWER COST	ACRE			18.86	
IRRIGATION (LUBE-REPAIRS)	ACRE			4.45	
IRRIGATION WATER APPLIED	ACIN	1.295	18,000		
MACHINERY LABOR	HOUR	4.600	1,843	8.48	
IRRIGATION LABOR	HOUR	3.800	2,100	7.98	
INTEREST ON OPERATING CAP.	DOL.	0.080	56,927	4.56	
TOTAL PREHARVEST COSTS:				\$ 76.87	
PREHARVEST COST PER CMT.				\$ 2.56	
HARVEST:					
CUSTOM COMBINE	TON	3.000	1,500	4.50	
CUSTOM COMBINE	ACRE	12.000	1,000	12.00	
CUSTOM HAULING	TON	2.800	1,500	4.20	
INTEREST ON OPERATING CAP.	DOL.	0.080	12,075	0.97	
TOTAL HARVEST COSTS:				\$ 21.67	
HARVEST COST PER CMT.				\$ 0.72	
TOTAL VARIABLE COSTS:				\$ 98.54	
VARIABLE COST PER CMT.				\$ 3.28	
3. INCOME ABOVE VARIABLE COSTS:				\$ 64.96	
INCOME PER CMT.				\$ 2.17	
4. CASH OVERHEAD: (PROPERTY TAX & INSURANCE + 5.0% OF TOTAL VARIABLE COSTS)					
				\$ 9.84	
LAND TAXES:				15.00	
BUILDINGS:				5.73	
TOTAL CASH OVERHEAD:				\$ 30.57	
5. OWNERSHIP COSTS:					
DEPRECIATION:					
MACHINERY & EQUIPMENT	ACRE			9.57	
IRRIGATION SYSTEM	ACRE			6.01	
BUILDINGS:	ACRE			7.52	
TOTAL DEPRECIATION:				\$ 23.16	
CAPITAL & INTEREST:					
MACHINERY & EQUIPMENT		0.080	74,506	5.96	
IRRIGATION SYSTEM		0.080	61,846	4.95	
BUILDINGS:		0.080	149,359	11.95	
TOTAL INTEREST CHARGE:				\$ 22.86	
TOTAL FIXED COSTS:				\$ 64.64	
FIXED COST PER CMT.				2.15	
NET INCOME ABOVE FIXED & VARIABLE COSTS:				\$ 0.32	
NET INCOME PER CMT.				0.01	
6. MANAGEMENT CHARGE (5.0% OF GROSS RECEIPTS)				\$ 8.18	
7. LAND CHARGE (\$ 1100.00 @ 9.0%):				\$ 99.00	
8. TOTAL OF ABOVE COSTS:				\$ 270.35	
TOTAL COST PER CMT.				9.01	
9. NET RETURNS:				\$ -106.85	
NET RETURNS PER CMT.				-3.56	

FOOTNOTE: BASED ON 100 ACRES OF DOUBLE-CROPPED BARLEY FLOOD IRRIGATED
 YIELD OF 30 CMT PER ACRE ON CLASS II SOILS (SCS)
 TYPICAL CULTURAL PRACTICES ARE REPRESENTED
 BUDGET IDENTIFICATION: ENTERPRISE 211 COUNTY 24 MISCL 00 IRRIGATION LEVEL 3 LAND CLASS 2
 DATE PRINTED: 04/05/78
 INDIV. # 0 MACH. COMP. 3 IRIG. SYSTEM 1 PRICE VECTOR 2 EQUIP COMP 1
 ANNUAL CAPITAL MONTH: 4
 DATE: 01/14/78

IDENTIFICATION NUMBER 2112400320 312 1
 COST TO PRODUCE IRRIGATED BARLEY
 MERCED COUNTY - 1977
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ANNUAL CAPITAL MONTH 4 BUDGET RECORD NUMBER 108

MONTHLY SUMMARY OF RECEIPTS AND EXPENSES

CATEGORY	UNIT	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
TOTAL RECEIPTS	\$/AC	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	163,50	0,00	0,00	0,00	163,50
OPERATING EXPENSES														
NITROGEN	\$/AC	0,00	0,00	0,00	0,00	0,00	16,00	0,00	0,00	0,00	0,00	0,00	0,00	16,00
BARLEY, SEED	\$/AC	0,00	0,00	0,00	0,00	0,00	6,80	0,00	0,00	0,00	0,00	0,00	0,00	6,80
MISCL EXPENSE	\$/AC	0,00	0,00	0,00	0,00	0,00	1,50	0,00	0,00	0,00	0,00	0,00	0,00	1,50
CUSTOM COMBINE	\$/AC	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	4,50	0,00	0,00	0,00	4,50
CUSTOM COMBINE	\$/AC	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	12,00	0,00	0,00	0,00	12,00
CUSTOM HAULING	\$/AC	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	4,20	0,00	0,00	0,00	4,20
MACHINE LABOR COST	\$/AC	0,00	0,00	0,00	0,00	0,00	7,83	0,18	0,18	0,28	0,00	0,00	0,00	8,48
INTEREST ON OPER. CAP.	\$/AC	0,00	0,00	0,00	0,00	0,01	3,28	0,65	0,58	0,99	0,00	0,00	0,00	5,52
TRACTOR COST	\$/AC	0,00	0,00	0,00	0,00	0,00	5,42	0,00	0,00	0,00	0,00	0,00	0,00	5,42
EQUIPMENT COST	\$/AC	0,00	0,00	0,00	0,00	0,00	1,15	0,10	0,10	0,14	0,00	0,00	0,00	1,49
BLDG OPER. COST	\$/AC	0,11	0,11	0,11	0,11	0,11	0,11	0,11	0,11	0,11	0,11	0,11	0,11	1,34
IRRIGATION COST	\$/AC	0,00	0,00	0,00	0,00	0,00	7,77	7,77	7,77	0,00	0,00	0,00	0,00	23,31
IRRIG LABOR COST	\$/AC	0,00	0,00	0,00	0,00	0,00	2,66	2,66	2,66	0,00	0,00	0,00	0,00	7,98
TOTAL EXPENSES	\$/AC	0,11	0,11	0,11	0,11	0,12	52,53	11,47	11,40	22,22	0,12	0,12	0,11	98,54

MONTHLY IRRIGATION AND LABOR REQUIREMENTS

MACHINE LABOR	HR/AC	0,00	0,00	0,00	0,00	0,00	1,70	0,04	0,04	0,06	0,00	0,00	0,00	1,84
IRRIGATION LABOR	HR/AC	0,00	0,00	0,00	0,00	0,00	0,70	0,70	0,70	0,00	0,00	0,00	0,00	2,10
IRRIG. WATER APPLIED	ACIN	0,00	0,00	0,00	0,00	0,00	6,00	6,00	6,00	0,00	0,00	0,00	0,00	18,00

MACHINERY FIXED AND VARIABLE COSTS PER ACRE

MACHINE	CODE	SIZE	PURCHASE PRICE	YEARS OWNED	HOURS USED	ANNUAL FIXED COST PER ACRE			VARIABLE COST PER ACRE				TOTAL	HRS PER ACRE
						DEPR.	INTER.	TAX & INS	FUEL	LUBE	REPAIRS			
TRACTOR 30 HP	1	30,0	7000.	10.	500.	0.199	0.146	0.063	0.409	0.200	0.030	0.083	0.313	0.202
TRACTOR 75 HP	4	75,0	13950.	10.	500.	1.574	1.158	0.502	3.234	1.441	0.216	0.661	2.318	0.801
TRACT 4WD 135 HP	8	135,0	22480.	10.	500.	1.556	1.144	0.496	3.196	1.856	0.278	0.653	2.788	0.491
PICKUP 1/2 T	14	0,5	6175.	5.	600.	0.231	0.091	0.039	0.361	0.367	0.055	0.055	0.476	0.167
IRR PUMP 60HP*	22	2,0	11388.	25.	3200.	1.173	1.389	0.686	3.248	18,862	0.283	0.656	19,802	9,000
DISK OFFSET HYDR	63	14,0	4260.	10.	75.	2.087	1.194	0.555	3.836	0,000	0.010	0.520	0.531	0.446
FERT. SPREADER	69	8,0	575.	5.	145.	0.216	0.081	0.035	0.331	0,000	0.001	0.060	0.061	0.391
SPIKEHARROW&CART	74	20,0	1950.	10.	55.	0.580	0.332	0.154	1.066	0,000	0.001	0.054	0.056	0.199
GRAIN DRILL	106	12,0	3600.	10.	34.	1.208	0.691	0.321	2.220	0,000	0.003	0.145	0.148	0.139
WELL+GATED PIPE*	128	2,0	38150.	10.	5000.	4.839	3.558	1.543	9.940	0,000	0.069	3.442	3.511	9,000
IMPL CARRIER	150	5,0	2933.	10.	60.	0.709	0.434	0.198	1.340	0,000	0.001	0.067	0.068	0.183
TOTAL			112461.			14.37	10.22	4.59	29.18	22.73	0.95	6.40	30.07	