

#99

TITLE: COSTS FOR PRODUCE COTTON
TULARE COUNTY - 1976
USING 1977 COSTS

	UNIT	PRICE OR COST/UNIT	QUANTITY	VALUE OR COST PER ACRE	YOUR COST
1. GROSS RECEIPTS FROM PRODUCTION:					
COTTON	LBS.	0.580	800,000	464.00	
COTTON, SEED	TON	81.200	0.710	57.65	
TOTAL RECEIPTS:				\$ 521.65	
2. VARIABLE COSTS:					
PREHARVEST:					
CUSTOM RIP	ACRE	10.000	1.000	10.00	
HERBICIDE APP	APLC	10.000	1.000	10.00	
COTTON, SEED	LBS.	0.350	14,000	4.90	
IRRIG DIST WATER	ACFT	4.500	3.500	15.75	
CUSTOM TILLAGE	LBS.	0.200	80,000	16.00	
FERTILIZER APP	ACRE	3.000	1.000	3.00	
INSECTICIDE	ACRE	20.000	1.000	20.00	
PESTICIDE APP	ACRE	7.500	1.000	7.50	
TUNNING	ACRE	25.000	1.000	25.00	
TRACTOR (FUEL-LUBE-REPAIRS)	ACRE			7.33	
EQUIPMENT (FUEL-LUBE-REPAIRS)	ACRE			9.32	
BUILDINGS (FUEL-LUBE-REPAIRS)	ACRE			0.03	
IRRIGATION (LUBE-REPAIRS)	ACRE			2.05	
IRRIGATION WATER APPLIED	ACIN	0.049	42,000		
MACHINERY LABOR	HOUR	5.100	4,595	23.43	
IRRIGATION LABOR	HOUR	4.250	9,000	38.25	
INTEREST ON OPERATING CAP.	DOL.	0.086	88,878	7.67	
TOTAL PREHARVEST COSTS:				\$ 200.24	
PREHARVEST COST PER HEAD				\$ 0.25	
HARVEST:					
BROAD CAST HERT	APLC	6.000	1.000	6.00	
FIRST PICK	CYT.	2.750	21,930	60.31	
SECOND PICK	ACRE	18.000	1.000	18.00	
GIMMINE	CYT.	2.000	25,600	51.60	
BAGS, TAGS, ETC	CYT.	0.750	25,800	19.35	
INTEREST ON OPERATING CAP.	DOL.	0.086	12,938	1.12	
TOTAL HARVEST COSTS:				\$ 156.37	
HARVEST COST PER HEAD				\$ 0.20	
TOTAL VARIABLE COSTS:				\$ 356.61	
VARIABLE COST PER HEAD				\$ 0.45	
3. INCOME ABOVE VARIABLE COSTS:				\$ 165.04	
INCOME PER HEAD				\$ 0.21	
4. CASH OVERHEAD: (PROPERTY TAX & INSURANCE + 2.5% OF TOTAL VARIABLE COSTS)				\$ 13.60	
LAND TAXES:				20.00	
BUILDINGS:				0.53	
TOTAL CASH OVERHEAD:				\$ 34.12	
5. OWNERSHIP COSTS:					
DEPRECIATION:					
MACHINERY & EQUIPMENT	ACRE			5.60	
IRRIGATION SYSTEM	ACRE			11.52	
BUILDINGS:	ACRE			1.23	
TOTAL DEPRECIATION:				\$ 18.14	
CAPITAL & INTEREST:					
MACHINERY & EQUIPMENT		0.086	39,602	3.42	
IRRIGATION SYSTEM		0.086	104,052	8.98	
BUILDINGS:		0.086	17,063	1.47	
TOTAL INTEREST CHARGE:				\$ 13.87	
TOTAL FIXED COSTS:				\$ 66.14	
FIXED COST PER HEAD				0.68	
NET INCOME ABOVE FIXED & VARIABLE COSTS:				\$ 98.90	
NET INCOME PER HEAD				0.12	
6. MANAGEMENT CHARGE (5.0% OF GROSS RECEIPTS)				\$ 26.08	
7. LAND CHARGE (\$ 1400.00 @ 8.32):				\$ 115.50	
8. TOTAL OF ABOVE COSTS :				\$ 504.33	
TOTAL COST PER HEAD				0.71	
9. NET RETURNS:				\$ -42.68	
NET RETURNS PER HEAD				-0.05	

FOOTNOTE: BASED ON 160 ACRES OF CROP
YIELD 800 LBS COTTON PER ACRE
USING FURROW IRRIGATION SYSTEM
BUDGET IDENTIFICATION: ENTERPRISE 217 COUNTY 54 MISCL 00 IRRIGATION LEVEL 6 LAND CLASS 1
INDIV. # 0 MACH. CGMP. 3 IRIG. SYSTEM 6 PRICE VECTOR 2 EQUIP COMP 1
DATE PRINTED: 08/22/76
ANNUAL CAPITAL MONTH: 11
UC Cooperative Extension

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	443.40	78.25	0.00	521.65
OPERATING EXPENSES														
CUSTOM RIP	\$/AC	0.00	0.00	10.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
HERBICIDE APP	\$/AC	0.00	0.00	0.00	10.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00
COTTON, SEED	\$/AC	0.00	0.00	0.00	4.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.90
IRRIG DIST WATER	\$/AC	0.00	0.00	0.00	2.25	3.38	3.38	4.50	2.25	0.00	0.00	0.00	0.00	15.75
CUSTOM TILLAGE	\$/AC	0.00	0.00	0.00	16.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	16.00
FERTILIZER APP	\$/AC	0.00	0.00	0.00	3.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.00
INSECTICIDE	\$/AC	0.00	0.00	0.00	0.00	10.00	0.00	0.00	10.00	0.00	0.00	0.00	0.00	20.00
PESTICIDE APP	\$/AC	0.00	0.00	0.00	0.00	3.75	0.00	0.00	3.75	0.00	0.00	0.00	0.00	7.50
THINNING	\$/AC	0.00	0.00	0.00	0.00	25.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	25.00
BROAD CAST HERB	\$/AC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.00	0.00	0.00	6.00
FIRST PICK	\$/AC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	60.31	0.00	0.00	60.31
SECOND PICK	\$/AC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	18.00	0.00	18.00
GINNING	\$/AC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	43.86	7.74	0.00	51.60
BAGS, TAGS, ETC	\$/AC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	16.45	2.90	0.00	19.35
MACHINE LABOR COST	\$/AC	0.00	0.00	0.00	7.98	3.30	5.20	1.39	1.39	1.39	1.39	1.39	0.00	23.43
INTEREST ON OPER. CAP.	\$/AC	0.00	0.00	0.58	2.87	2.35	0.69	0.58	0.54	0.03	0.93	0.22	0.00	8.79
TRACTOR COST	\$/AC	0.00	0.00	0.00	4.11	1.07	2.15	0.00	0.00	0.00	0.00	0.00	0.00	7.33
EQUIPMENT COST	\$/AC	0.00	0.00	0.00	2.06	1.26	1.65	0.87	0.87	0.87	0.87	0.87	0.00	9.32
BLDG OPER. COST	\$/AC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
IRRIGATION COST	\$/AC	0.00	0.00	0.00	0.29	0.44	0.44	0.59	0.29	0.00	0.00	0.00	0.00	2.05
IRRIG LABOR COST	\$/AC	0.00	0.00	0.00	6.38	6.38	6.38	12.75	6.38	0.00	0.00	0.00	0.00	38.25
TOTAL EXPENSES	\$/AC	0.00	0.00	10.58	59.84	56.93	19.88	20.68	25.47	2.30	129.81	31.13	0.00	356.61

MONTHLY IRRIGATION AND LABOR REQUIREMENTS														
MACHINE LABOR	HR/AC	0.00	0.00	0.00	1.56	0.65	1.02	0.27	0.27	0.27	0.27	0.27	0.00	4.59
IRRIGATION LABOR	HR/AC	0.00	0.00	0.00	1.50	1.50	1.50	3.00	1.50	0.00	0.00	0.00	0.00	9.00
IRRIG. WATER APPLIED	ACIN	0.00	0.00	0.00	6.00	9.00	9.00	12.00	6.00	0.00	0.00	0.00	0.00	42.00

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 60 HP	3	60.0	13600.	12.	1000.	1.156	0.997	0.381	2.534	1.801	0.270	2.219	4.290	1.360
TRACTOR 75 HP	4	75.0	14500.	12.	1000.	0.756	0.652	0.249	1.657	1.381	0.207	1.451	3.039	0.834
PICKUP 3/4 T	15	0.8	8500.	3.	1350.	2.229	0.699	0.250	3.179	4.218	0.633	2.111	6.962	1.818
CULTIVATOR 4 ROW	52	10.0	2200.	13.	196.	0.966	0.693	0.281	1.941	0.000	0.030	1.519	1.550	1.236
DISK OFFSET	59	12.0	3300.	14.	180.	0.304	0.228	0.093	0.626	0.000	0.010	0.495	0.505	0.260
FURROWER 4SHOVEL	91	6.5	1000.	15.	160.	0.187	0.147	0.061	0.395	0.000	0.006	0.295	0.300	0.498
FURROW TRIG SYS*	132	2.0	58250.	10.	5000.	11.320	8.980	3.368	23.667	0.000	0.040	2.013	2.053	21.000
TOTAL			81350.			16.92	2.40	4.68	34.00	7.40	1.20	10.10	18.7	