

TITLE: CORN PRODUCTION - 1979
SACRAMENTO VALLEY REGION

	UNIT	PRICE OR COST/UNIT	QUANTITY	VALUE OR COST PER ACRE	YOUR COST
1. GROSS RECEIPTS FROM PRODUCTION:					
CORN, FIELD	TON	116.000	4.000	\$ 464.00	
TOTAL RECEIPTS:				\$ 464.00	
2. VARIABLE COSTS:					
PREHARVEST:					
TAG-A-LONG RENT	ACRE	1.500	2.000	3.00	
NITROGEN	LBS.	0.200	200.000	40.00	
STARTER FERT.	GAL.	2.400	20.000	48.00	
FIELD CORN SEED	LBS.	1.200	18.000	21.60	
POST EMERG HERB	LBS.	2.130	0.500	1.07	
MITICIDE	QT.	3.100	3.750	11.63	
AERIAL SPRAYING	ACRE	3.350	1.000	3.35	
TRACTOR (FUEL-LUBE-REPAIRS)	ACRE			32.03	
EQUIPMENT (FUEL-LUBE-REPAIRS)	ACRE			9.93	
IRRIGATION POWER COST	ACRE			34.68	
IRRIGATION (LUBE-REPAIRS)	ACRE			3.78	
IRRIGATION WATER APPLIED	ACIN	1.068	36.000		
MACHINERY LABOR	HOUR	5.450	5.007	27.29	
MACHINE CREW LABOR	HOUR	4.450	0.465	2.07	
IRRIGATION LABOR	HOUR	4.550	7.000	31.85	
INTEREST ON OPERATING CAP.	DOL.	0.119	112.245	12.98	
TOTAL PREHARVEST COSTS:				\$ 283.25	
PREHARVEST COST PER TON				\$ 70.8115	
HARVEST:					
CUSTOM DRYING	TON	5.500	2.000	11.00	
TRACTOR (FUEL-LUBE-REPAIRS)	ACRE			3.52	
EQUIPMENT (FUEL-LUBE-REPAIRS)	ACRE			1.79	
MACHINERY LABOR	HOUR	5.450	0.853	4.65	
TOTAL HARVEST COSTS:				\$ 20.96	
HARVEST COST PER TON				\$ 5.2400	
TOTAL VARIABLE COSTS:				\$ 304.21	
VARIABLE COST PER TON				\$ 76.0515	
3. INCOME ABOVE VARIABLE COSTS:					
INCOME PER TON				\$ 159.79	
				\$ 39.9485	
4. CASH OVERHEAD:					
INSURANCE:				11.19	
SHARE RENT:				113.25	
MISC. OFFICE & BOOKKEEPING (11.00% OF TOTAL VARIABLE COSTS)				33.46	
MANAGEMENT (5.00% OF GROSS RECEIPTS)				23.20	
TOTAL CASH OVERHEAD:				\$ 181.10	
OVERHEAD COST PER TON				45.2751	
5. INCOME ABOVE ALL CASH COSTS:					
INCOME PER TON				\$ -21.31	
				\$ -5.3266	
6. OWNERSHIP COSTS:					
DEPRECIATION:					
MACHINERY & EQUIPMENT	ACRE			12.44	
TOTAL DEPRECIATION:				\$ 12.44	
CAPITAL & INTEREST:					
MACHINERY&EQUIPMENT		0.119	62.317	7.42	
TOTAL INTEREST CHARGE:				\$ 7.42	
TOTAL FIXED COSTS:				\$ 19.86	
FIXED COST PER TON				4.9643	
7. TOTAL OF ABOVE COSTS:					
TOTAL COST PER TON				\$ 505.16	
				126.2909	
8. NET RETURNS:					
NET RETURNS PER TON				\$ -41.16	
				-10.2909	

UC Cooperative Extension

MARCH PLANTED - FLAT IN MOISTURE

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	464.00	0.00	0.00	0.00	464.00
OPERATING EXPENSES															
TAG-A-LONG RENT	\$/AC	0.00	0.00	1.50	1.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.00
NITROGEN	\$/AC	0.00	0.00	25.00	15.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	40.00
STARTER FERT.	\$/AC	0.00	0.00	48.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	48.00
FIELD CORN SEED	\$/AC	0.00	0.00	21.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	21.60
POST EMERG HERB	\$/AC	0.00	0.00	0.00	0.00	1.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.07
MITICIDE	\$/AC	0.00	0.00	0.00	0.00	0.00	11.63	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11.63
CUSTOM DRYING	\$/AC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11.00	0.00	0.00	0.00	0.00	11.00
AERIAL SPRAYING	\$/AC	0.00	0.00	0.00	0.00	0.00	3.35	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.35
MACHINE LABOR COST	\$/AC	0.00	0.00	11.07	6.98	1.70	0.06	0.06	0.59	6.83	4.80	1.92	0.00	0.00	34.01
INTEREST ON OPER. CAP.	\$/AC	0.00	0.00	7.02	2.06	0.59	0.99	0.38	0.11	0.00	1.32	0.52	0.00	0.00	12.98
TRACTOR COST	\$/AC	0.00	0.00	10.91	8.07	1.09	0.00	0.00	0.39	6.54	6.13	2.42	0.00	0.00	35.55
EQUIPMENT COST	\$/AC	0.00	0.00	3.40	1.46	0.52	0.04	0.04	0.37	3.71	1.23	0.95	0.00	0.00	11.71
IRRIGATION COST	\$/AC	0.00	0.00	0.00	5.34	6.41	10.68	10.68	5.34	0.00	0.00	0.00	0.00	0.00	38.46
IRRIG LABOR COST	\$/AC	0.00	0.00	0.00	4.55	4.55	9.10	9.10	4.55	0.00	0.00	0.00	0.00	0.00	31.85
TOTAL EXPENSES	\$/AC	0.00	0.00	128.50	44.96	15.92	35.85	20.26	11.34	28.08	13.48	5.80	0.00	0.00	304.21

MONTHLY IRRIGATION AND LABOR REQUIREMENTS														
MACHINE LABOR	HR/AC	0.00	0.00	1.65	1.28	0.31	0.01	0.01	0.11	1.25	0.88	0.35	0.00	5.86
MACH. CREW LABOR	HR/AC	0.00	0.00	0.47	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.47
IRRIGATION LABOR	HR/AC	0.00	0.00	0.00	1.00	1.00	2.00	2.00	1.00	0.00	0.00	0.00	0.00	7.00
IRRIG. WATER APPLIED	ACIN	0.00	0.00	0.00	5.00	6.00	10.00	10.00	5.00	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 60 HP	2	60.0	13600.	3.	3650.	0.45	0.26	0.18	0.90	2.01	0.30	1.21	3.52	0.776
TRACTOR 75 HP	3	75.0	14500.	3.	3650.	0.11	0.06	0.04	0.22	0.35	0.05	0.29	0.70	0.176
TRACTOR 105 HP	5	105.0	27500.	3.	3650.	1.20	0.70	0.47	2.37	2.86	0.43	3.20	6.49	1.015
TRACTOR 135 HP	7	135.0	32000.	3.	3650.	2.01	1.17	0.79	3.97	5.30	0.79	5.36	11.45	1.462
CRAWLER 120 HP	11	120.0	71000.	5.	3250.	3.67	2.87	1.99	8.53	5.72	0.86	6.81	13.39	1.523
SEMI-TRACTOR	12	5.0	29500.	6.	2500.	0.35	0.22	0.16	0.73	0.85	0.13	0.74	1.73	0.244
PICKUP 1/2 TON	14	0.5	7500.	2.	2400.	0.08	0.03	0.02	0.13	0.29	0.04	0.11	0.44	0.100
IRR PUMP 125 HP*	23	3.0	0.	25.	2133.	0.00	0.00	0.00	0.00	34.68	0.52	1.49	36.70	18.000
SUBSOILER	45	10.0	5000.	2.	1090.	0.30	0.10	0.07	0.47	0.00	0.01	0.64	0.65	0.250
CULTIVATOR 6 ROW	53	15.0	3300.	5.	500.	0.18	0.11	0.08	0.37	0.00	0.01	0.33	0.33	0.206
SADDLE TANKS	55	15.0	2900.	4.	650.	0.25	0.12	0.09	0.46	0.00	0.02	0.78	0.79	0.345
STUBBLE DISC	67	10.0	9500.	3.	1000.	0.58	0.25	0.18	1.00	0.00	0.04	1.80	1.84	0.313
SPIKEHARROW&CART	72	28.0	3360.	3.	980.	0.19	0.08	0.06	0.33	0.00	0.01	0.58	0.59	0.284
SPRINGTOOTH	78	32.0	5100.	5.	500.	0.30	0.17	0.12	0.59	0.00	0.01	0.65	0.66	0.215
LANDPLANE 12X45	85	12.0	7100.	2.	1200.	0.76	0.25	0.17	1.19	0.00	0.01	0.49	0.50	0.485
FURROWER 6SHOVEL	91	9.8	1500.	5.	585.	0.11	0.07	0.05	0.23	0.00	0.01	0.31	0.32	0.332
TOW SPRAYER	93	35.0	1700.	4.	650.	0.07	0.03	0.02	0.12	0.00	0.00	0.11	0.11	0.160
RB PLOW 4-16	96	6.7	3500.	6.	455.	0.18	0.12	0.09	0.39	0.00	0.01	0.42	0.43	0.202
PLANTER 6ROW	109	15.0	3450.	6.	485.	0.32	0.21	0.15	0.69	0.00	0.03	1.34	1.37	0.385
CORNPICKER 2 ROW	119	6.0	6900.	2.	1300.	0.99	0.33	0.23	1.55	0.00	0.04	1.75	1.79	0.705
FURROW IRIG SYS*	132	2.0	0.	10.	5000.	0.00	0.00	0.00	0.00	0.00	0.03	1.73	1.76	18.000
DITCHER	138	25.0	2400.	14.	180.	0.10	0.11	0.08	0.29	0.00	0.00	0.08	0.08	0.120
INPLAT CARRIER	150	5.0	3500.	7.	400.	0.22	0.16	0.12	0.50	0.00	0.00	0.08	0.08	0.244

MACHINERY & EQUIPMENT 531. 12.44 7.42 5.17 25.03 52.07 3.35 30.31 85.72
 INVESTMENT & COSTS PER ACRE

TOT INVESTMENT 254810.

MARCH PLANTED - FLAT IN MOISTURE
 FOLLOWING WHEAT
 SHARE RENT OPERATION GROUNDWATER - 125 FT. LIFT

UPDATED 06/20/79