

TITLE: AVOCADOS PRODUCTION COSTS & RETURNS  
 TULARE COUNTY - 1977  
 ORANGE COVE AREA

#341

	UNIT	PRICE OR COST/UNIT	QUANTITY	VALUE OR COST PER ACRE	YOUR COST
<b>1. GROSS RECEIPTS FROM PRODUCTION:</b>					
AVOCADOS	TON	623.000	1,500	\$ 934,50	
<b>TOTAL RECEIPTS:</b>				\$ 934,50	
<b>2. VARIABLE COSTS:</b>					
<b>PREHARVEST:</b>					
PRUNING	TREE	0.170	90,000	15,30	
CALCIUM-NITRATE	LBS.	0.060	500,000	30,00	
HERBICIDE	ACRE	22.000	1,000	22,00	
INSECTICIDE	ACRE	25.000	1,000	25,00	
FUNGICIDE	ACRE	25.000	1,000	25,00	
HEDGE & SHRED	TREE	0.500	45,000	22,50	
MISCL EXPENSE	ACRE	20.000	1,000	20,00	
ZINC	ACRE	5.000	1,000	5,00	
TRACTOR (FUEL=LUBE=REPAIRS)	ACRE			3,36	
EQUIPMENT (FUEL=LUBE=REPAIRS)	ACRE			2,95	
BUILDINGS (FUEL=LUBE=REPAIRS)	ACRE			4,88	
IRRIGATION POWER COST	ACRE			87,46	
IRRIGATION (LUBE=REPAIRS)	ACRE			51,27	
IRRIGATION WATER APPLIED	ACIN	3,964	35,000		
MACHINERY LABOR	HOUR	3,850	4,876	18,77	
IRRIGATION LABOR	HOUR	3,000	11,900	35,70	
INTEREST ON OPERATING CAP.	DOL.	0.100	170,666	17,07	
<b>TOTAL PREHARVEST COSTS:</b>				\$ 386,26	
<b>PREHARVEST COST PER TON</b>				\$ 257,51	
<b>HARVEST:</b>					
<b>TOTAL HARVEST COSTS:</b>				\$ 0,00	
<b>HARVEST COST PER TON</b>				\$ 0,00	
<b>TOTAL VARIABLE COSTS:</b>				\$ 386,26	
<b>VARIABLE COST PER TON</b>				\$ 257,51	
<b>3. INCOME ABOVE VARIABLE COSTS:</b>					
<b>INCOME PER TON</b>				\$ 548,24	
				\$ 365,49	
<b>4. CASH OVERHEAD: (PROPERTY TAX &amp; INSURANCE + 5.0% OF TOTAL VARIABLE COSTS)</b>					
				\$ 40,06	
<b>LAND TAXES:</b>				70,00	
<b>BUILDINGS:</b>				12,76	
<b>TOTAL CASH OVERHEAD:</b>				\$ 122,82	
<b>5. OWNERSHIP COSTS:</b>					
<b>DEPRECIATION:</b>					
MACHINERY & EQUIPMENT	ACRE			27,82	
IRRIGATION SYSTEM	ACRE			36,99	
BUILDINGS:	ACRE			18,93	
<b>TOTAL DEPRECIATION:</b>				\$ 83,74	
<b>CAPITAL &amp; INTEREST:</b>					
MACHINERY & EQUIPMENT		0.100	208,866	20,89	
IRRIGATION SYSTEM		0.100	365,645	36,56	
BUILDINGS:		0.100	335,625	33,56	
<b>TOTAL INTEREST CHARGE:</b>				\$ 91,01	
<b>PRORATED ESTABLISHMENT COST:</b>				\$ 55,00	
<b>TOTAL FIXED COSTS:</b>				\$ 319,01	
<b>FIXED COST PER TON</b>				212,67	
<b>NET INCOME ABOVE FIXED &amp; VARIABLE COSTS:</b>				\$ 229,23	
<b>NET INCOME PER TON</b>				152,82	
<b>6. MANAGEMENT CHARGE ( 5.0% OF GROSS RECEIPTS)</b>					
				\$ 46,73	
<b>7. LAND CHARGE (\$ 1200,00 @ 9.0%):</b>					
				\$ 108,00	
<b>8. TOTAL OF ABOVE COSTS :</b>					
<b>TOTAL COST PER TON</b>				\$ 860,00	
				573,33	
<b>9. NET RETURNS:</b>					
<b>NET RETURNS PER TON</b>				\$ 74,50	
				49,67	

FOOTNOTE: 80 ACRE ORCHARD - TREES HEDGED & SHRED EVERY 2ND YEAR  
 DRIP IRRIGATED - 90 TREES/AC

AUTHOR: COOP EXT  
 DATE: 02/24/78

BUDGET IDENTIFICATION: ENTERPRISE 238 COUNTY 54 MISCL 00 IRRIGATION LEVEL 7 LAND CLASS 2  
 INDIV. # 0 MACH. COMP. 7 IRIG. SYSTEM 5 PRICE VECTOR 2 EQUIP COMP 1  
 DATE PRINTED: 04/05/78 ANNUAL CAPITAL MONTH: 6

AVOCADOS PRODUCTION COSTS & RETURNS  
TULARE COUNTY - 1977  
ORANGE COVE AREA

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	233.63	233.63	233.63	233.63	0.00	0.00	0.00	0.00	0.00	0.00	934.50
OPERATING EXPENSES														
PRUNING	\$/AC	0.00	0.00	15.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	15.30
CALCIUM-NITRATE	\$/AC	0.00	30.00	0.00	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	7.48	0.00	7.26	0.00	0.00	7.26	0.00	0.00	0.00	22.00
INSECTICIDE	\$/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
FUNGICIDE	\$/AC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	12.50	12.50	0.00	0.00	0.00	25.00
HEDGE & SHRED	\$/AC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	22.50	0.00	22.50
MISCL EXPENSE	\$/AC	4.00	4.00	0.00	4.00	0.00	0.00	0.00	0.00	0.00	0.00	4.00	4.00	20.00
ZINC	\$/AC	5.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.00
MACHINE LABOR COST	\$/AC	2.89	3.74	3.35	0.86	1.79	0.86	1.18	0.42	1.17	0.12	0.12	2.28	18.77
INTEREST ON OPER. CAP.	\$/AC	0.55	1.30	0.50	0.43	0.44	0.28	2.48	3.22	3.52	1.70	2.31	0.35	17.07
TRACTOR COST	\$/AC	0.24	0.56	0.41	0.29	0.65	0.29	0.41	0.12	0.40	0.00	0.00	0.00	3.36
EQUIPMENT COST	\$/AC	0.59	0.28	0.35	0.10	0.49	0.10	0.16	0.24	0.26	0.07	0.07	0.26	2.95
BLDG OPER. COST	\$/AC	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41	4.88
IRRIGATION COST	\$/AC	0.00	0.00	0.00	9.91	19.82	19.82	19.82	19.82	19.82	19.82	9.91	0.00	138.73
IRRIG LABOR COST	\$/AC	0.00	0.00	0.00	2.55	5.10	5.10	5.10	5.10	5.10	5.10	2.55	0.00	35.70
TOTAL EXPENSES	\$/AC	13.67	40.28	20.31	26.02	53.70	34.11	29.56	41.82	50.43	27.21	41.86	7.29	386.26

MONTHLY IRRIGATION AND LABOR REQUIREMENTS														
MACHINE LABOR	HR/AC	0.75	0.97	0.87	0.22	0.47	0.22	0.31	0.11	0.30	0.03	0.03	0.59	4.88
IRRIGATION LABOR	HR/AC	0.00	0.00	0.00	0.85	1.70	1.70	1.70	1.70	1.70	1.70	0.85	0.00	11.90
IRRIG. WATER APPLIED	ACIN	0.00	0.00	0.00	2.50	5.00	5.00	5.00	5.00	5.00	5.00	2.50	0.00	35.00

MACHINERY FIXED AND VARIABLE COSTS PER ACRE

MACHINE	CODE	SIZE	PURCHASE PRICE	YEARS OWNED	ANNUAL HOURS USED	ANNUAL FIXED COST PER ACRE			VARIABLE COST PER ACRE					TOTAL	HRS PER ACRE
						DEPR.	INTER.	TAX & INS	FUEL	LUBE	REPAIRS	TOTAL			
TRACTOR 35 HP	3	35.0	7000.	10.	300.	3.387	3.113	1.080	7.580	2.379	0.357	0.628	3.364	2.060	
PICKUP 3/4 TON	15	0.8	7750.	5.	435.	0.721	0.354	0.121	1.196	0.660	0.099	0.109	0.868	0.300	
IRR PUMP 75 HP*	23	2.0	11388.	25.	3200.	4.561	6.754	2.668	13.984	87.455	1.312	2.900	91.667	35.000	
WIND MACHINE*	38	1.0	5000.	15.	150.	3.767	3.425	1.343	8.534	0.619	0.093	0.034	0.746	1.875	
WELL+DRIP*	56	1.0	65750.	10.	5000.	32.430	29.810	10.345	72.585	0.000	0.923	46.138	47.060	35.000	
FERTILIZER APLIC	85	10.0	713.	5.	29.	1.069	0.501	0.173	1.743	0.000	0.000	0.016	0.017	0.313	
WD SPRYR 200 GAL	88	35.0	1897.	10.	31.	2.417	1.727	0.642	4.786	0.000	0.001	0.068	0.070	0.480	
SPD SPYR 300 GAL	91	35.0	16100.	10.	54.	9.642	6.892	2.563	19.097	0.000	0.019	0.964	0.984	0.393	
ROTORY CHOPPER	125	9.0	2530.	10.	21.	6.818	4.874	1.813	13.504	0.000	0.005	0.265	0.270	0.688	
TOTAL			118128.			64.81	57.45	20.75	143.01	91.11	2.81	51.12	145.05		