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COSTS OF ESTABLISHING A *Lemon Orchard* IN VENTURA CO.

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- PLANTING
- CULTURAL CARE
- MATERIALS
- OVERHEAD

ESTIMATED COSTS OF ESTABLISHING A LEMON ORCHARD
IN VENTURA COUNTY

ASSUMED: Flat land, first planting in citrus Land -- \$3000 per acre
 Furrow Irrigation Irrig. Sys. -- \$200 per acre (33 yrs.)
 Land Tilled Wind Machine -- \$500 per acre (15 yrs.)
 Planting Distance -- 22' x 18' (install 3rd year)

(Dollars per acre per year)
 1st Yr. 2nd Yr. 3rd Yr. 4th Yr. 5th Yr. Total

LABOR AND FIELD POWER

Preplanting & Planting						
Land Preparation	8					
Orchard Layout	10					
Dig Holes	10					
Plant Trees	25	1				
Tank Irrigation	5					
Bordeaux Trees	3					
TOTAL	61	1				62
Cultural Care						
Irrigation	20	20	21	21	22	
Soil Management	18	20	25	30	30	
Frost Protection (L & M)	18	15	30	30	30	
Fertilization		1	1	2	2	
Windbreaks	2	1	1	1	1	
Tree Care & Pruning	6	6	6	8	10	
Miscellaneous	10	10	10	10	10	
TOTAL	74	73	94	102	105	448

MATERIALS

Trees -- 110 @ \$2.50	275	10	3			
Water	10	12	13	14	15	
Fertilizer		4	4	8	15	
Pest & Disease Control (L & M)	10	15	25	35	55	
Windbreak trees @ 10¢	2					
TOTAL	297	41	45	57	85	525
SUB-TOTAL L & M	432	115	139	159	190	1035

CASH OVERHEAD

Taxes	25	25	25	25	25	
Insurance	6	4	4	4	4	
Repairs	5	5	5	5	5	
General Expense	22	6	7	8	9	
TOTAL	58	40	41	42	43	224
TOTAL CASH COSTS	490	155	180	201	233	1259

DEPRECIATION

	6	6	40	40	40	
TOTAL ALL COSTS	496	161	220	241	273	1391

FRUIT CREDITS @ \$1.36 "on tree"	0	0	0	155	469	624
NET TOTAL COSTS	496	161	220	86	-196	767

ACCUM. NET TOTAL COSTS		657	877	963	767	767
AVERAGE CAPITAL INVESTMENT	3345	3668	4085	4276	4493	4609

IF INTEREST ON INVESTMENT IS INCLUDED:

TOTAL ALL COSTS (ex. Int.)	496	161	220	241	273	1391
Interest on Investment (5%)	167	183	204	214	225	993
TOTAL ALL COSTS	663	344	424	455	498	2384
Fruit Credit @ \$1.36 "on tree"	0	0	0	155	469	
NET TOTAL COSTS	663	344	424	300	29	1760
ACCUM. NET TOTAL COSTS		1007	1431	1731	1760	1760

5 *on per acre planting*
Common like 25 years of per.
 (See next page for Remarks)

REMARKS -

- Costs are based on average costs.
- L & M is labor and materials.
- "On tree" fruit credit is on field box basis -- 50 lb. net weight.
- For planting on "old citrus" soil, an additional \$150 - \$250 per acre would be required for soil fumigation. The amount depends on soil type.

INTERCROPPING -

- Many young orchards are intercropped for the first 2 or 3 years. In Ventura County, lima beans have proven satisfactory as an intercrop.

A net return of between \$50 and \$60 per orchard acre should be possible at present costs and prices.

Some vegetable crops requiring frequent irrigation and pest control are not as desirable as intercrops. They retard the development of the orchard.

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