

OR-VS-70-1
NAVEL ORANGE DEVELOPMENT

Cost Analysis Work Sheet
 Fresno County, 1970

	1st year	2nd year	3rd year	4th year	5th year
Yield: Field boxes per acre			90	180	250
PRE-HARVEST CASH COSTS:					
Level	\$100.00				
Rip	100.00				
Layout & plant @ 35¢	31.50				
Trees 90 @ 2.75	247.50	5.00			
Irrigate - labor	28.00	16.00	16.00	20.00	20.00
power \$6/ac. ft.	3.00	4.50	6.00	9.00	12.00
Weed control	29.00	24.00	24.00	24.00	24.00
Fertilization	4.00	5.00	10.00	15.00	20.00
Pest control	10.00	15.00	30.00	45.00	60.00
Frost protection - Insul. wraps	22.50	10.00			
Water & power				20.00	35.00
Misc. (tree care, suckering)	15.00	15.00	15.00	15.00	15.00
County taxes	20.00	20.00	20.00	20.00	60.00
Maintenance & repair	5.00	5.00	10.00	10.00	15.00
General expense	43.10	8.36	9.17	12.46	18.27
*Management	--	--	--	--	--
Total Pre-Harvest Cash Costs	\$658.60	127.86	140.17	190.46	279.27
DEPRECIATION:					
Irrigation system: \$225/20 yrs.	11.25	11.25	11.25	11.25	11.25
Tractor: 60¢ hr.	3.60	2.70	3.00	3.00	3.60
Bldgs., other equip: \$240/12 yrs.	20.00	20.00	20.00	20.00	20.00
Total Depreciation	34.85	33.95	34.25	34.25	34.85
INTEREST ON INVESTMENT AT 7%:					
Irrigation system: ½ cost \$112.50	7.88	7.88	7.88	7.88	7.88
Tractor: 30¢ hr.	1.80	1.35	1.50	1.50	1.80
Bldgs. other equipment: ½ cost \$120.	8.40	8.40	8.40	8.40	8.40
Land: \$1000	70.00	70.00	70.00	70.00	70.00
Interest on accumulated costs	0.00	54.71	76.00	97.57	119.28
Total Interest on Investment	88.08	142.34	163.78	185.35	207.36
TOTAL COST FOR THE YEAR**	781.53	304.15	338.20	410.06	521.48
Credit for fruit	0.00	0.00	30.00	100.00	250.00
Net cost for the year**	781.53	304.15	308.20	310.06	271.48
Accumulated net cost**	781.53	1085.68	1393.88	1703.94	1975.42

NAVEL ORANGE DEVELOPMENT COSTS

Fresno County, 1970

L. T. Browne & E. A. Yeary
Farm Advisors

These cost data are based on the following assumptions:

The 40 acres of bare, unlevel land is brought for \$1,000/acre. It is graded for 660' irrigation runs and deep ripped to 5'. The irrigation well (7½HP pump) supplies water for frost protection and supplements the irrigation district water supply to this land. The pipeline system is return flow with optional waste drainage. The trees are navel orange. Tree spacing is 24' x 24'. The orchard is brought under non-tillage after the first growing season.

Wages are \$2.00/hr. including all insurance and benefits.

* No provision is made for management fees -- this orchard is assumed to be owner operated.

** Total costs and net costs are "on-tree" values and do not include harvesting costs.

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Farm & Home Advisors Office
1720 S. Maple Ave.
Fresno, California 93702

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