

SAMPLE COST OF

PEACH PRODUCTION

University of California
Agricultural Extension
Solano County, Fairfield, Calif.
Prepared by James E. DeTar
January 1960

SAMPLE COSTS TO PRODUCE ELBERTA PEACHES, SOLANO COUNTY

Common Labor \$1.00

10 Acres of Peaches on 40 Acre Fruit Farm

75 Trees Per Acre

Yield: 9 Tons Per Acre

*30 HP track tractor, Gas \$1.45/hr. (Fuel - Repair)

30 HP wheel tractor, Gas \$1.00/hr. (Fuel - Repair)

Speed sprayer - - - - \$2.15/hr. (Fuel - Repair)

1/2 ton pickup truck - - - \$1.18/hr. (Fuel - Repair)

1 1/2 ton truck - - - - \$7.59/hr. (Fuel - Repair)

Operation	Hrs/Acre	Labor	Fuel & Repairs	Materials	Total	My Costs
1. Prune - 75 trees @ 60c	--	---	---	---	45.00	
2. Brush	2	2.00	1.45	---	3.45	
3. Spray - 2 times	2.4	2.40	8.64	\$17.92	28.96	
4. Fertilize	2.5	2.50	.73	\$15.75 N126# @ 8.125	16.98	
5. Cultivate - 6 times one way	24.00	24.00	6.96	---	31.76	
6. Irrigation preparation	2.5	2.50	2.18	---	4.68	
7. Irrigate - 2 times	4.0	4.00	---	Power \$7.67	11.67	
8. Thin	45	45.00	---	---	45.00	
9. Prop.	8	8.00	6.36	---	14.36	
10. Harvest @ \$13.00 per ton	--	---	---	---	117.00	
11. Taxes		---	---	---	25.18	
12. Insurance		---	---	---	13.38	
13. Misc.	10	10.00	8.00	22.89	40.89	

Cash Cost Per Acre: \$378.31
 Per Ton: 42.03

	INVESTMENT Per Acre	YEARS LIFE	DEPRECIATION (ANNUAL COST)	INTEREST @ 6%
Land	500.00		None	30.00
Trees	600.00	25	24.00	18.00
Irrigation Equip.	48.50	10	4.85	1.46
Equipment	431.25	18	28.75	12.93
Buildings	112.50	20	5.63	3.38
Total	1692.25		63.23	65.77

Overhead Cost	Per Acre	\$129.00
Management Charge**	Per Acre	14.33
	Per Ton	50.73
Total Cost	Per Acre	5.64
	Per Ton	\$558.04
	Per Ton	62.00

* Taken from "Machinery Cost and Related Data" by A. D. Reed, University of California, May 1955
 ** 10 percent of total cash and overhead cost.

Peaches
 1955
 1956
 1957
 1958
 1959
 1960
 1961
 1962
 1963
 1964
 1965
 1966
 1967
 1968
 1969
 1970
 1971
 1972
 1973
 1974
 1975
 1976
 1977
 1978
 1979
 1980
 1981
 1982
 1983
 1984
 1985
 1986
 1987
 1988
 1989
 1990
 1991
 1992
 1993
 1994
 1995
 1996
 1997
 1998
 1999
 2000
 2001
 2002
 2003
 2004
 2005
 2006
 2007
 2008
 2009
 2010
 2011
 2012
 2013
 2014
 2015
 2016
 2017
 2018
 2019
 2020
 2021
 2022
 2023
 2024
 2025

1. Prune - Contract.
2. Brush - Man 2 hrs. Tractor and brush rake 1 hour.
3. Spray - 2 sprays include: (1) fall carbamate (i.e. Ferbam) (2) petal fall D.D.T. plus Kelthane 400 gallons per acre.
4. Fertilize - ammonium sulfate.
5. Cultivate - Both ways in spring and after each of 2 irrigations: Rate of 0.8 hrs. per acre.
6. Prepare to irrigate - furrow 1 1/2 hrs. lay pipe 1 hr.
7. Irrigate - furrows.
9. Prop - Includes use of truck for 4 hrs, also bringing in props.
10. Harvest - Includes, picking, sorting, hauling, and supervision.
11. Taxes - county and Social Security.
12. Insurance - General fire, liability, workman's compensation, etc.
13. Misc - Interest, pickup truck operation, replanting, covercrop, equipment, repair, etc.
14. Overhead - Assuming the following equipment and buildings.

EQUIPMENT

30HP Gas track tractor--	\$4,000
30HP Gas wheel tractor	
(used) with forklift	2,000
Truck (used)	1,000
Pickup (used)	1,500
Misc	800
Furrower	300
Ridger	200
Roller	200
Ladders	150
Bags and buckets	50
Fertilizer spreader	200
Brush rake	500
Props, 9000	2250

\$17,250

BUILDINGS

Bunkhouse for 10 men (old)	\$1500
Employee home (old)	1500
Machine shed	1500

IRRIGATION

10 HP Turbine	
(used)	\$1500
Pipe 880' - 6"	
surface (asst)	400
	\$1900

Interest figured on half the original cost. Depreciation on straight line with no salvage value.