

As Reed

SAMPLE COSTS TO PRODUCE CLING PEACHES

BUTTE, SUTTER & YUBA COUNTIES

x - times

m - men

Yield per acre - 15 tons with 15% Green Drop

Operation	Man		Fuel & Repairs	Cash and Labor Cost per Acre		
	Hrs. P/Ac.	Labor		Materials	Total	My Costs
<u>CULTURAL</u>						
Pruning 109 trees @ \$.60		\$65.40			\$65.40	
Brush removal chop	1	1.65	1.35		3.00	
Clean up heavy brush	1	1.65	1.10		2.75	
Wire*	3.3	4.29		1.96	6.25	
Propping	2	2.60	2.50		5.10	
Spray - fall 2m (Leaf curl Blight)	1.0	1.47	3.25	13.36	18.08	
Spray - Petal Fall - April (OFM - TB) 2m	1.0	1.47	3.25	15.52	20.24	
Spray - May 2m (OFM-TB)	1.0	1.47	3.25	3.84	8.56	
Spray - summer 2m (Mites OFM, TB, SB)	1.0	1.47	3.25	19.42	24.14	
Fertilizer 2x	.8	1.04	.96	18.00 (150# N @ 12)	20.00	
<u>IRRIGATION</u>						
Ridge up 3x	.8	1.32	1.50		2.82	
Knock down ridges 3x	.4	.52	.50		1.02	
Irrigate 6x	12.0	15.60	9.72	inc. standby	25.32	
Disk & cultipacker 3x (2 ways)	3.0	4.95	7.30		12.25	
Seed covercrop	.2	.66	.48	2.80	3.94	
Thinning 109 trees **		136.25			136.25	
Total cultural		241.81	38.41	74.90	355.12	

* Wiring based on 3x in 10 years. 10 man hours per acre per wiring. Materials based on .06@ per tree per wiring for wire.

Operation	Man Hrs. P/Ac.	Labor	Cash and Labor Cost per Acre		
			Fuel & Repairs	Materials	Total
HARVEST					
Put out bins and pick 15 tons - @ \$4.25 per bin		\$127.50			\$127.50
Swamping & hauling in and out (bulk bins)		9.25	7.05 (trac. & wag.)		16.30
Supervision	3	10.00			10.00
Marketing order charges \$2/ton				30.00	30.00
Total harvest		<u>\$146.75</u>	<u>\$7.05</u>	<u>\$30.00</u>	<u>\$183.80</u>
Total Cultural & Harvest Cost		\$388.56	\$45.46	\$104.90	\$538.92

MISCELLANEOUS OVERHEAD					
Office, labor, etc. 5% of above	4	6.60	8.00	12.35	26.95
Management -5% of gross (15 Tons \$60.00)				45.00	45.00
Total Miscellaneous Overhead		<u>6.60</u>	<u>8.00</u>	<u>57.35</u>	<u>71.95</u>
Total cash and labor cost		\$395.16		\$162.25	\$610.87

ANNUAL FIXED COSTS

<u>INVESTMENT</u>	<u>Per Acre</u>	<u>Depreciation</u>	<u>Interest</u>	<u>Taxes & Insurance</u>
Land ***	\$ 1200.00	---	6%	72.00
Trees**** 15	600.00	40.00		15.00 - 1 1/2%
Irrigating system	110.00	5.50*****		9.00 - 1 1/2%
Buildings 25	75.00	3.00		1.65 - 1 1/2%
Tractor and equipment	<u>387.00</u>	<u>31.83</u>		2.25
				11.62
Total	\$2372.00	\$80.00 ³³	\$107.17	5.81 - 1 1/2%
			\$32.59	\$220.09

NOTE: See following page for explanation of starred items.

Total Cost per acre:
 With interest on investment \$631.29
 Without interest on investment \$724.79

40/600
44
200

Total Cost per ton:
 With interest on investment \$ 55.42
 Without interest on investment 48.32

** The cost per tree is based on \$1.25 per tree which includes the cost of green dropping.

*** Land value based on present sales of the best peach growing land in the peach growing areas.

**** Tree cost per acre based on 15 years bearing life with 4 years required to begin bearing.

***** Irrigation system based on 20 year life.

The following equipment costs were used in this study:

<u>EQUIPMENT</u>	<u>CASH COST PER ACRE</u>
Wheel tractor, 30 H.P.	\$1.10
Deisel crawler tractor, 40 H.P.	2.00 per hour
Truck, 1½ Ton	1.80 per hour
Blower sprayer	3.50 per hour

Labor rates as follows:

Skilled labor \$1.65 per hour

General labor \$1.30 per hour

These rates include social security, workmen's compensation and other worker benefits.

University of California INVESTMENT FOR CLING PEACH PRODUCTION IN BUTTE, SUTTER & YUBA COUNTIES
 March 1963

Based on 100 Acres Cling Peaches, 75 Acres in Bearing

Item	Year Bought	Original Cost		Yrs. Life	Annual Use		Non-Cash Overhd.			Cash Operating Cost per Acre or Hour			
		Total	Per Acre		Acres	Hours	Deprec.	Int.	Total	Per A. or Hr.	Fuel	Repairs	Total
Tracklayer 40 H.P.		\$11,500	115	15	100		6.50	3.45					
Wheel tractor 30 H.P. gas		3,600	36	15	"		2.40	1.08					
Speed sprayer 500 gal.		5,500	55	10	"		5.50	1.65					
Disk 10' 6"		1,400	14	10	"		1.40	.42					
Cultipacker		400	4	10	"		.40	.12					
Ridger		800	8	10	"		.80	.24					
Check breaker		200	2	10	"		.20	.06					
Brush chopper		1,000	10	10	"		1.00	.30					
Spring tooth		350	3.50	10	"		.35	.11					
Truck 1½ Ton		3,300	33	10	"		3.30	.99					
Pickup truck ¾ Ton		2,500	25	10	"		2.50	.75					
600 gal. water tank		150	1.50	10	"		.15	.05					
Pallet wagons - 2		1,000	10	10	"		1.00	.30					
Forklift and used tractor		2,000	20	10	"		2.00	.60					
Drag		500	5	10	"		.50	.15					
Ladders 40 @ \$12.50		500	5	10	"		.50	.15					
Shop equipment		2,000	20.00	15	"		1.33	.60					
Props		1,000	10.00	10	"		1.00	.30					
Miscellaneous		1,000	10.00	10	"		1.00	.30					
			387.00				31.83	11.62					
Labor and storage building		7,500	75.00	25	"		3.00	2.25					
Trees			600.00	15			40.00	13.00					
Irrigation system		11,000	110.00	20			5.50	3.30					
Land			1200.00	-			-	72.00					
Total			2372.00				80.33	107.17					

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SAMPLE COSTS TO PRODUCE PEACHES (CLINSTONE) IN STANISLAUS COUNTY 1963

An average of 30 growers representing 880 acres or 29.33 acres

<u>LABOR</u>		<u>13.3 tm</u>
Pruning	\$64.24 per acre	\$4.83 per ton
Thinning	90.83	6.83
Harvest	157.34	11.94
Hauling (includes empty's to Rec. Stn.)	10.64	.80
Propping & Wiring	16.06	1.21
Tillage (including irrigation prep.)	10.39	.78
Irrigation	6.48	.49
Pest control (labor only)	7.88	.59
Misc. labor (includes fert. appl., brush disp.)	6.00	.45
	<u>\$369.86</u>	<u>27.81</u>
<u>EQUIPMENT - (includes Repair & Maint.</u>		
	Fuel & Oil	
	Equip hire)	48.74 3.66
Supplies	Pesticides, XXXXXXXXXXXX	42.21 3.17
	Fertilizers	24.07 1.81
	Misc. materials	4.00 .30
Overhead (includes Taxes, ins., interest, utilities, dues, office supplies, legal and professional fees, marketing order assesment, Misc., indirect labor (foremen, shop etc.)	87.61	6.58
<u>Total Cash and Labor Costs</u>	<u>576.49</u>	<u>43.35</u>
<u>Depreciation Costs</u>		
Trees: Development costs	\$762.50 - 20 year life	38.15
Irrigation facilities	\$100 costs - 25 year life	4.00
Buildings	\$120 costs - 25 year life	4.80
Equipment	\$360/Ac. - 10 year life	36.00
	<u>\$82.95</u>	<u>6.24</u>
<u>Interest on Investment @ 6%</u>		
Trees: on 1/2 cost (\$381.25)		22.80
Irrigation facilities on 1/2 cost (\$50)		3.00
Buildings: on 1/2 cost (\$60)		3.60
Equipment; on 1/2 cost (\$180)		10.80
Land @ \$1.500/Ac.		90.00
	<u>\$130.20</u>	<u>9.79</u>
	<u>\$789.64</u>	<u>\$59.37</u>

32986
157.34