

ESTIMATED NON-DISCOUNTED COST OF REPLACING AN ALMOND TREE, 1983

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Based on 24' x 24' planting - 75 trees per acre
 1500 lbs. of almond meats per acre = 20 lbs. per tree
 Price @ \$1.00 per meat pound

Age of Tree	1	2	3	4	5	6	7
% Of Full Crop	-	-	10%	20%	50%	75%	100%
Lbs. Meat/Tree	-	-	2	4	10	15	20
\$ Value @ \$1.00/lb.	-	-	\$2.00	\$4.00	\$10.00	\$15.00	\$20.00
\$ Difference		\$20.00	\$18.00	\$16.00	\$10.00	\$5.00	
	\$20.00						

Age of Tree	1	2	3	4	5	6	7
*Cultural Cost	\$178	\$192	\$229	\$305	\$370	\$440	\$563
Cost Per Tree	\$2.37	\$2.56	\$3.05	\$4.07	\$4.93	\$5.87	\$7.51
Cumulative Cost	\$2.37	\$4.93	\$7.98	\$12.05	\$16.98	\$22.85	\$30.36

Age of Tree	1	2	3	4	5	6	7
**Harvest Cost	-	-	-	\$85	\$171	\$201	\$240
Cost Per Tree	-	-	-	\$1.13	\$2.28	\$2.68	\$3.20
⊖ Negative Accumulative Cost	\$3.20	\$6.40	\$9.60	\$12.28	\$14.56	\$16.84	\$17.97

Age Of Tree	Cost To Replant Tree	Cultural Cost To Develop Tree To This Age*	\$ Loss Due To Crop Loss (Ages 1-6)	Less Decrease In Harvest Cost**	Value Of Tree
7 & Older	\$12	\$30.36	5+10+16+18+20+20 = \$89.00	-\$17.97	\$113.39
6	\$12	\$22.85	5+10+16+18+20+20 = 89.00	- 16.84	107.01
5	\$12	\$16.98	5+10+16+18+20 = 69.00	- 14.56	83.42
4	\$12	\$12.05	5+10+16+18 = 49.00	- 12.28	60.77
3	\$12	\$ 7.98	5+10+16 = 31.00	- 9.60	41.38
2	\$12	\$ 4.93	5+10 = 15.00	- 6.40	25.53
1	\$12	\$ 2.37	5 = 5.00	- 3.20	16.17

Cultural and Harvest Costs from ALMOND PRODUCTION COSTS by Don Rough, San Joaquin County Farm Advisor