

# ESTIMATED COST OF REPLACING AN ALMOND TREE, 1981

AM-VN-81-3

by  
Wesley K. Asai - University of California Farm Advisor

Stanislaus County

Based on 24' x 24' planting - 75 trees per acre  
1500 lbs. of almond meats per acre = 20 lbs. per tree  
Price @ \$1.40 per meat pound

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	\$124.60	-\$17.97	\$148.39
6	\$12	\$22.85	7+14+22.4+25.2+28+28 = \$124.60	-\$16.84	\$142.61
5	\$12	\$16.98	7+14+22.4+25.2+28 = \$96.60	-\$14.56	\$111.02
4	\$12	\$12.05	7+14+22.4+25.2 = \$68.60	-\$12.28	\$80.37
3	\$12	\$7.98	7+14+22.4 = \$43.40	-\$9.60	\$53.78
2	\$12	\$4.93	7+14 = \$21.00	-\$6.40	\$31.53
1	\$12	\$2.37	7 = \$7.00	-\$3.20	\$18.17

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 @ \$1.40/lb.	-	-	\$2.80	\$5.60	\$14.00	\$21.00	\$28.00
\$ Difference	\$28.00	\$28.00	\$25.20	\$22.40	\$14	\$7	

Age Of Tree	1	2	3	4	5	6	7
*Cultural Cost Per Tree	\$178	\$192	\$229	\$305	\$370	\$440	\$563
Cumulative Cost	\$2.37	\$2.56	\$3.05	\$4.07	\$4.93	\$5.87	\$7.5
	\$2.37	\$4.93	\$7.98	\$12.05	\$16.98	\$22.85	\$30.

Age Of Tree	1	2	3	4	5	6	7
**Harvest Cost Per Tree	-	-	-	\$85	\$171	\$201	\$240
Negative Accumulative Cost	-	-	-	\$1.13	\$2.28	\$2.68	\$3.2
	\$3.20	\$6.40	\$9.60	\$12.28	\$14.56	\$16.84	\$17.