

ESTIMATED NON-DISCOUNTED COST OF REPLACING AN APRICOT TREE, AUGUST 1985

by

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Based on 24' x 24' planting - 75 trees per acre
8 tons of apricots per acre = 213 lbs. per tree
Price @ \$260 per ton

This sheet only represents an average estimate of the cost to REPLACE a lost apricot tree.

The actual VALUE of a tree would be determined by an individual's specific production tonnage and price received. Also, to compensate for the lump-sum payment, the dollar value would have to be discounted at current interest rates.

Other losses attributable to inconveniences, personal grief or decrease in property value, etc. would be settled as general damages and do not affect the tree replacement costs.

Age of tree	1	2	3	4	5	6	7
Percent of Full Crop	-	-	20	40	60	80	100
Lbs. of Fruit/Tree	-	-	43	85	128	170	213
Value @ \$260/Ton	-	-	\$6	\$9	\$17	\$22	\$28
\$ Difference		\$28	\$22	\$19	\$11	\$6	

Cultural Costs

Age	1	2	3	4	5	6	7
Cost/Acre	\$390	\$390	\$430	\$500	\$600	\$715	\$830
Cost/Tree	\$5.2	\$5.2	\$5.7	\$6.7	\$8.0	\$9.5	\$11.0
Cumulative Cost	\$5.2	\$10.4	\$16.1	\$22.8	\$30.8	\$40.3	\$51.3

Harvest Costs

Age	1	2	3	4	5	6	7
Harvest Cost	-	-	\$105	\$225	\$350	\$460	\$580
Cost/Tree	-	-	\$1.4	\$3.0	\$4.7	\$6.1	\$7.7

Negative Accumulative Cost

	\$7.7	\$15.4	\$21.5	\$26.2	\$29.2	\$30.6	\$30.6
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Age of Tree	Cost to Replant Tree	Cultural Cost To Develop Tree To This Age	\$ Loss Due to Drop Loss (Ages 1-6)	Less Decrease In Harvest Cost	Cost to Replace Tree
7 & Older	\$15	\$51.3	6+11+19+22+28+28 = \$114	\$30.6	\$150
6	15	40.3	6+11+19+22+28+28 = 114	30.6	139
5	15	30.8	6+11+19+22+28 = 86	29.2	103
4	15	22.8	6+11+19+22 = 58	26.2	74
3	15	16.1	6+11+19 = 36	21.5	46
2	15	10.4	6+11 = 17	-	42
1	15	5.2	6 = 6	-	26

Some figures have been rounded to whole numbers.