

VALUE OF AN INDIVIDUAL PISTACHIO TREE

Year	0	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00
NEW TREE													
Replacement costs													
stump removal	50.00												
tree	7.50												
plant	4.00												
Prune	0	0.20	0.30	0.35	0.40	0.45	0.50	0.50	0.50	0.50	0.50	0.50	0.50
Harvest costs							2.00	3.00	1.00	1.00	1.00	1.00	1.00
Income credit							-4.00	-8.00	-12.00	-16.00	-20.00	-24.00	-28.00
OLD TREE													
Harvest costs	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
Prune	-0.50	-0.50	-0.50	-0.50	-0.50	-0.50	-0.50	-0.50	-0.50	-0.50	-0.50	-0.50	-0.50
Income lost	28.00	4.14	28.00	4.14	28.00	4.14	28.00	4.14	28.00	4.14	28.00	4.14	28.00
ANNUAL LOSS PER TREE	88.00	2.84	26.80	2.99	26.90	3.09	25.00	-1.86	16.00	-11.86	8.00	-19.86	0
PRESENT VALUE OF LOSS (5%)	88.00	2.70	24.31	2.58	22.13	2.42	18.66	-1.32	10.83	-7.65	4.91	-11.61	0
TOTAL LOSS PER TREE													
	166.04												
TOTAL PRESENT VALUE													
	155.97												

Assumptions:

151 trees per acre

Average yield- 2625 lbs/acre 12 year old trees
1000 lbs. per acre in off years

Young trees don't show alternate bearing

Production per tree-

No production in the first 5 years.

Year 6 - 2.5 lbs.

Year 7 - 5.0 lbs.

Year 8 - 7.5 lbs.

Year 9 - 7.5 lbs.

Year 10 - 12.5 lbs.

Year 11 - 15 lbs.

Year 12 - 17.5 lbs.

Price - \$1.60 per lb.

Harvest costs- Trees are harvested by hand in years 6 and 7.
Shakers are used in subsequent years.