

TREE FRUIT REPLANT PARTIAL CASHFLOW BUDGET- Apples (Nursery Tree)

Version 2.0 (March 2015)

Replant Grant Application

Blue cells require input for your specific situation.

[Click here for Instructions](#)

Grower Name: Test
Planting Year: 2015
Variety: Ambrosia
Rootstock: M7
Training System: Super Spindle
Spacing
Row (ft.): 10
x Tree (ft.): 2
Trees being Planted: 22,000

Density: 2,178 t/ac
Planting Project Area: 10.10 Acres

Nursery Tree Cost: \$9.50 per tree
Tree Remove/Land Preparation: \$1,250 per acre
Soil Amendments: \$1,314 per acre
Support System/Install: \$2,898 per acre
Irrigation System/Install: \$2,000 per acre
Planting Labour/Materials: \$2,662 per acre
Hourly Hired Labor Cost (total): \$15.00 per hour
Percent Hired Labor: 100%
BioAssay Test Cost: \$0 *If Applic.*

Projected Prices (\$/lb.): Ambrosia

2015	<u>\$0.40</u>	2018	<u>\$0.36</u>
2016	<u>\$0.38</u>	2019	<u>\$0.35</u>
2017	<u>\$0.36</u>	2020	<u>\$0.34</u>

6 Yr. Average: \$0.35

Market Yield (800 lb. bins/acre)					
2015	2016	2017	2018	2019	2020
<u>0.0</u>	<u>0.0</u>	<u>25.0</u>	<u>31.0</u>	<u>42.0</u>	<u>43.0</u>

Replant Block Area 10.10 ac.	PLANTING PROJECT BUDGET					Ambrosia
	Test					(Nursery Tree)
PROJECTED YIELDS & CASH INFLOW	2015	2016	2017	2018	2019	2020
Yield Projections (lb./tree)	0.0	0.0	9.2	11.4	15.4	15.8
Total Block Yield (Pounds)	0	0	202,020	250,505	339,394	347,475
Total Block Yield (800 lb. Bins)	0.0	0.0	252.5	313.1	424.2	434.3
Price (\$/lb.)	\$0.40	\$0.38	\$0.36	\$0.36	\$0.35	\$0.34
Planting Income	\$0	\$0	\$72,727	\$90,182	\$118,788	\$118,141
BioAssay Test Grant/ Tree Grant	\$75,000					
TOTAL CASH INFLOW	\$75,000	\$0	\$72,727	\$90,182	\$118,788	\$118,141
PROJECTED COSTS & OUTFLOW						
Tr.Remove/Land Prep/Planting Labour	\$39,515	\$576				
Soil Tests/ Amendments	\$13,273					
Support System/Install	\$29,273					
Irrigation System/Tax	\$20,402	\$2,020	\$2,020	\$2,020	\$2,020	\$2,020
Trees (1/2" feathered) 3% Mortality	\$209,000	\$6,270				
Fertilizer-330 (y1/240-y2 \$/ac-110 yr3+)	\$3,232	\$2,424	\$1,111	\$1,111	\$1,111	\$1,111
Foliar/Insect/Fungicide 100-y1/460-Y2 \$	\$1,010	\$4,646	\$4,646	\$4,646	\$4,646	\$4,646
Herb/Thin/GrowthSprays 105-y1/122-y2 \$	\$1,061	\$1,242	\$1,242	\$1,242	\$1,515	\$1,515
General Labor(Spray,etc.) \$15.00 /hr	\$3,333	\$3,636	\$3,636	\$3,636	\$3,636	\$3,636
Pruning (0.5 & 2min/tr) \$15.00 /hr	\$2,750	\$2,750	\$2,750	\$11,000	\$11,000	\$11,000
Thinning \$15.00 /hr	\$606	\$1,515	\$3,030	\$4,545	\$6,061	\$6,818
Cover Crop/Hives (\$100/ac)	\$1,010	\$707	\$707	\$707	\$707	\$707
Machine R&M/Fuel (960/acY1&500/acY2)	\$9,697	\$5,051	\$5,556	\$5,808	\$6,061	\$6,061
Harvesting/Yarding \$0.028/lb.	\$0	\$0	\$5,657	\$7,014	\$9,503	\$9,729
Miscellaneous Costs 3%	\$10,025	\$925	\$911	\$1,252	\$1,388	\$1,417
TOTAL PLANTING OUTFLOW	\$344,187	\$31,763	\$31,267	\$42,983	\$47,648	\$48,662
Planting Cash Surplus	(\$269,187)	(\$31,763)	\$41,461	\$47,199	\$71,139	\$69,480
CUMULATIVE BALANCE (block)	(\$269,187)	(\$300,950)	(\$259,490)	(\$212,291)	(\$141,152)	(\$71,672)

Note: This worksheet is to assist in developing cashflow projections for the Replant Grant Application- 2016. It is recommended that Growers consult an advisor to assess these default values for their specific situation.