

**Table 4: Input costs, revenues, and net income (loss) for processed and fresh market apple production.**

Per acre costs, revenues, and net income assuming a planting density of 135 trees per acre using semi-dwarf rootstock.

Estimates apply to tax-year 2009

	Processed Market Apple Production				Fresh Market Apple Production			
	Pre Production (1- 4 Years)	Early Production (5-10 years)	Full Production (11-25 years)	Late Production (26-30 years)	Pre Production (1- 4 Years)	Early Production (5-10 years)	Full Production (11-25 years)	Late Production (26-30 years)
<b>Establishment Costs (applicable to both processed market and fresh market orchards)</b>								
Land Clearing	\$75.00							
Land Preparation (labor, machinery, material)	\$515.00							
Planting (labor, machinery, trees)	\$1,350.00							
<b>Total Establishment Cost</b>	<b>\$1,940.00</b>							
<b>Annual Production Costs</b>								
Fertilizer	\$43.86	\$40.00	\$24.48	\$27.54	\$43.86	\$40.00	\$50.00	\$40.00
Lime	\$51.00	\$20.00	\$20.00	\$0.00	\$51.00	\$20.00	\$20.00	\$20.00
Pesticides	\$186.66	\$371.28	\$556.92	\$556.92	\$186.66	\$472.26	\$699.72	\$699.72
Bee Rental	\$3.00	\$12.00	\$20.00	\$20.00	\$3.00	\$12.00	\$20.00	\$20.00
Pest Control	\$20.00	\$20.00	\$20.00	\$20.00	\$20.00	\$20.00	\$20.00	\$20.00
Mulch	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Pruning	\$75.00	\$300.00	\$400.00	\$400.00	\$150.00	\$300.00	\$500.00	\$400.00
Hand Thinning	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$200.00	\$400.00	\$300.00
Supplies (replace lost wrenches, etc.)	\$8.00	\$7.00	\$6.00	\$5.00	\$8.00	\$7.00	\$6.00	\$5.00
Miscellaneous (telephone, etc.)	\$54.00	\$11.00	\$11.00	\$11.00	\$54.00	\$11.00	\$11.00	\$11.00
Fixed Machinery Cost (interest & depreciation)	\$31.00	\$31.00	\$31.00	\$31.00	\$31.00	\$31.00	\$31.00	\$31.00
Variable Machinery Cost (fuel, oil, & maintenance)	\$62.00	\$235.00	\$235.00	\$235.00	\$62.00	\$235.00	\$235.00	\$235.00
Permanent Labor	\$190.00	\$386.00	\$578.00	\$474.00	\$190.00	\$386.00	\$578.00	\$474.00
<b>Annual Harvest Cost</b>								
Harvest Labor	\$0.00	\$406.25	\$937.50	\$656.25	\$0.00	\$406.25	\$937.50	\$750.00
Fixed Machinery Cost (interest & depreciation)	\$11.50	\$11.50	\$11.50	\$11.50	\$11.50	\$11.50	\$11.50	\$11.50
Variable Machinery Cost (fuel, oil, & maintenance)	\$23.00	\$80.00	\$80.00	\$80.00	\$23.00	\$80.00	\$80.00	\$80.00
Storage, Packing, Transportation, and Brokerage Fee	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$1,462.50	\$3,375.00	\$2,700.00
<b>Annual Overhead</b>								
Insurance	\$2.00	\$2.00	\$2.00	\$2.00	\$2.00	\$2.00	\$2.00	\$2.00
Average Interest (paid on operating capital and debt) /1/	\$123.30	\$144.84	\$376.91	\$1,141.03	\$98.99	\$276.98	\$582.63	\$1,484.26
<b>Total Annual Production, Harvesting and Overhead Costs</b>	<b>\$1,369.32</b>	<b>\$2,077.87</b>	<b>\$3,310.31</b>	<b>\$3,671.24</b>	<b>\$1,420.01</b>	<b>\$3,973.49</b>	<b>\$7,559.35</b>	<b>\$7,283.48</b>
<b>Yield and Revenue</b>								
Yield	320	533	426	383	320	533	426	383
Price Received	\$5.33	\$5.33	\$5.33	\$5.33	\$12.30	\$12.30	\$12.30	\$12.30
<b>Total Revenue</b>	<b>\$1,705.60</b>	<b>\$2,840.89</b>	<b>\$2,270.58</b>	<b>\$2,041.39</b>	<b>\$3,936.00</b>	<b>\$6,555.90</b>	<b>\$5,239.80</b>	<b>\$4,710.90</b>
<b>ANNUAL NET INCOME (LOSS)</b>	<b>\$336.28</b>	<b>\$763.02</b>	<b>(\$1,039.73)</b>	<b>(\$1,629.85)</b>	<b>\$2,515.99</b>	<b>\$2,582.41</b>	<b>(\$2,319.55)</b>	<b>(\$2,572.58)</b>

1/ Annual interest expenses vary depending upon debt accumulation. The figure listed represents the average annual interest paid over the specified time period.