

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 250 trees per acre using semi-dwarf rootstock.

Estimates apply to tax-year 2010

Establishment Costs (applicable to both processed market and fresh market orchards)

Land Clearing	\$150.00								
Land Preparation (labor, machinery, material)	\$550.00								
Planting (labor, machinery, trees)	\$2,500.00								
Total Establishment Cost	\$3,200.00								

Processed Market Apple Production**Fresh Market Apple Production**

	Pre- 1-3 Yrs	Early 4-6 Yrs	Full 7-15 Yrs	Late 16-20 Yrs		Pre- 1-3 Yrs	Early 4-6 Yrs	Full 7-15 Yrs	Late 16-20 Yrs
Pre-Harvest Var Costs									
Fertilizer	\$87.72	\$80.00	\$52.02	\$52.02		\$87.72	\$80.00	\$90.00	\$90.00
Lime	\$52.00	\$21.00	\$10.50	\$10.50		\$52.00	\$21.00	\$21.00	\$21.00
Pesticides	\$131.31	\$292.50	\$584.77	\$584.77		\$131.31	\$495.87	\$734.71	\$734.71
Bee Rental	\$5.00	\$18.00	\$28.00	\$28.00		\$5.00	\$18.00	\$28.00	\$28.00
Pest Control	\$15.00	\$15.00	\$15.00	\$15.00		\$15.00	\$15.00	\$15.00	\$15.00
Mulch	\$0.00	\$0.00	\$0.00	\$0.00		\$0.00	\$0.00	\$0.00	\$0.00
Pruning	\$20.00	\$240.00	\$400.00	\$400.00		\$150.00	\$300.00	\$450.00	\$450.00
Hand Thinning	\$0.00	\$0.00	\$0.00	\$0.00		\$0.00	\$200.00	\$350.00	\$350.00
Supplies (replace lost wrenches, etc.)	\$8.00	\$7.00	\$5.50	\$5.50		\$8.00	\$7.00	\$5.50	\$5.50
Variable Machinery Cost (fuel, oil, & maintenance)	\$29.60	\$282.00	\$282.00	\$282.00		\$74.40	\$282.00	\$282.00	\$282.00
Permanent Labor	\$95.00	\$308.80	\$526.00	\$526.00		\$190.00	\$386.00	\$526.00	\$526.00
Insurance	\$2.50	\$2.50	\$2.50	\$2.50		\$2.50	\$2.50	\$2.50	\$2.50
Harvest Var Costs									
Harvest Labor	\$25.00	\$162.50	\$700.00	\$700.00		\$57.50	\$373.75	\$805.00	\$805.00
Variable Machinery Cost (fuel, oil, & maintenance)	\$27.60	\$96.00	\$96.00	\$96.00		\$27.60	\$96.00	\$96.00	\$96.00
Storage, Packing, Transportaion, & Brokerage Fee	\$7.50	\$0.00	\$0.00	\$0.00		\$150.00	\$1,462.50	\$3,130.00	\$3,130.00
Total Var Costs (AVG/Cycle)	\$1,828.61	\$1,559.60	\$2,807.29	\$2,807.29		\$2,053.94	\$2,706.58	\$6,535.71	\$6,535.71
Fixed Machinery Costs	\$58.65	\$58.65	\$58.65	\$58.65		\$58.65	\$58.65	\$58.65	\$58.65
General Overhead (8%) (AVG/Cycle)	\$146.29	\$124.77	\$224.58	\$224.58		\$164.32	\$216.53	\$522.86	\$522.86
Total Fixed & Variable Costs	\$2,033.55	\$1,743.02	\$3,090.52	\$3,090.52		\$2,276.91	\$2,981.75	\$7,117.22	\$7,117.22
Gross Receipts									
Yield (LBS/Acre)	1,460	17,521	23,361	23,361		1,460	17,521	23,361	23,361
Price Received (\$/LB)	\$0.17	\$0.17	\$0.17	\$0.17		\$0.33	\$0.33	\$0.33	\$0.33
Total Revenue	\$248.20	\$2,978.57	\$3,971.37	\$3,971.37		\$483.26	\$5,799.45	\$7,732.49	\$7,732.49
Annual Net Loss/Income (AVG/Cycle)	(\$1,785.35)	\$707.94	\$880.85	\$880.85		(\$1,793.65)	\$1,540.88	\$615.27	\$615.27
Discounted (Loss/Income)						\$1,525.97			\$1,739.73