

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 300+ trees per acre using dwarf rootstock.

Estimates apply to tax-year 2013

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

Land Clearing	\$386.00								
Land Preparation (labor, machinery, material)	\$824.00								
Planting (labor, machinery, trees)	\$2,902.50								
Total Establishment Cost	\$4,112.50								

	Processed Market Apple Production				Fresh Market Apple Production			
	Pre-	Early	Full	Late	Pre-	Early	Full	Late
	1-3 Yrs	4-6 Yrs	7-15 Yrs	16-20 Yrs	1-3 Yrs	4-6 Yrs	7-15 Yrs	16-20 Yrs

Pre-Harvest Var Costs	Pre-1-3 Yrs	Early4-6 Yrs	Full7-15 Yrs	Late16-20 Yrs	Pre-1-3 Yrs	Early4-6 Yrs	Full7-15 Yrs	Late16-20 Yrs
Fertilizer	\$84.81	\$76.90	\$56.41	\$59.96	\$84.81	\$76.90	\$83.94	\$73.15
Lime	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Pesticides	\$185.60	\$414.73	\$754.35	\$754.35	\$187.44	\$702.14	\$1,042.53	\$1,042.53
Bee Rental	\$0.00	\$13.33	\$13.33	\$13.33	\$0.00	\$13.33	\$13.33	\$13.33
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	\$10.50	\$126.00	\$210.00	\$210.00	\$173.20	\$346.50	\$577.50	\$462.00
Hand Thinning	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$242.00	\$484.00	\$363.00
Supplies (replace lost wrenches, etc.)	\$9.80	\$8.71	\$7.63	\$6.54	\$9.81	\$8.71	\$7.63	\$6.54
Miscellaneous	\$55.00	\$12.00	\$12.00	\$12.00	\$55.00	\$12.00	\$12.00	\$12.00
Variable Machinery Cost (fuel, oil, & maintenance)	\$49.11	\$462.77	\$462.77	\$462.77	\$122.78	\$462.27	\$462.27	\$462.27
Permanent Labor	\$114.63	\$371.20	\$696.47	\$696.47	\$229.25	\$464.00	\$696.27	\$696.27
Insurance	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00

Harvest Var Costs	Pre-1-3 Yrs	Early4-6 Yrs	Full7-15 Yrs	Late16-20 Yrs	Pre-1-3 Yrs	Early4-6 Yrs	Full7-15 Yrs	Late16-20 Yrs
Harvest Labor	\$28.71	\$187.00	\$919.50	\$919.50	\$65.91	\$431.50	\$1,059.00	\$1,059.00
Variable Machinery Cost (fuel, oil, & maintenance)	\$45.08	\$155.26	\$155.26	\$155.26	\$45.08	\$155.26	\$155.26	\$155.26
Storage, Packing, Transportaion, & Brokerage Fee	\$0.00	\$0.00	\$0.00	\$0.00	\$182.37	\$1,562.70	\$3,610.74	\$2,802.53
Total Var Costs (AVG/Cycle)	\$2,287.23	\$1,895.83	\$3,454.43	\$3,456.89	\$2,596.70	\$3,313.85	\$8,219.47	\$7,162.88

Fixed Machinery Costs	\$58.65	\$58.65	\$58.65	\$58.65	\$58.65	\$58.65	\$58.65	\$58.65
General Overhead (8%) (AVG/Cycle)	\$182.98	\$151.67	\$276.35	\$276.55	\$207.74	\$265.11	\$657.56	\$573.03
Total Fixed & Variable Costs	\$2,528.86	\$2,106.15	\$3,789.43	\$3,792.09	\$2,863.08	\$3,637.61	\$8,935.68	\$7,794.56

Gross Receipts	Pre-1-3 Yrs	Early4-6 Yrs	Full7-15 Yrs	Late16-20 Yrs	Pre-1-3 Yrs	Early4-6 Yrs	Full7-15 Yrs	Late16-20 Yrs
Yield (LBS/Acre)	1,285	15,422	20,563	20,563	1,285	15,422	20,563	20,563
Price Received (\$/LB)	\$0.15	\$0.15	\$0.15	\$0.15	\$0.27	\$0.27	\$0.27	\$0.27
Total Revenue	\$197.89	\$2,374.99	\$3,166.70	\$3,166.70	\$343.10	\$4,117.67	\$5,490.32	\$5,490.32

Annual Net Loss/Income (AVG/Cycle)	(\$2,330.97)	(\$307.12)	(\$622.73)	(\$625.39)	(\$2,519.99)	(\$907.04)	(\$3,445.36)	(\$2,304.24)
Discounted (Loss/Income)					-\$10,897.78			-\$28,128.75