

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 2016										
Establishment Costs (applicable to both processed market and fresh market orchards)										
Land Clearing	\$451.86									
Land Preparation (labor, machinery, material)	\$874.00									
Planting (labor, machinery, trees)	\$5,200.00									
Total Establishment Cost	\$6,525.86									
	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										
Fertilizer	\$76.30	\$69.18	\$50.75	\$53.95		\$76.30	\$69.18	\$75.52	\$65.81	
Lime	\$0.00	\$0.00	\$0.00	\$0.00		\$0.00	\$0.00	\$0.00	\$0.00	
Pesticides	\$204.16	\$456.20	\$912.77	\$912.77		\$206.19	\$772.35	\$1,146.78	\$1,146.78	
Bee Rental	\$0.00	\$16.00	\$16.00	\$16.00		\$16.00	\$16.00	\$16.00	\$16.00	
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	\$11.83	\$142.76	\$237.93	\$237.93		\$199.18	\$398.48	\$664.12	\$531.29	
Hand Thinning	\$0.00	\$0.00	\$0.00	\$0.00		\$0.00	\$257.91	\$515.82	\$386.87	
Supplies (replace lost wrenches, etc.)	\$10.20	\$9.06	\$7.94	\$6.81		\$10.20	\$9.06	\$7.94	\$6.81	
Miscellaneous	\$56.66	\$12.36	\$12.36	\$12.36		\$56.68	\$12.36	\$12.36	\$12.36	
Variable Machinery Cost (fuel, oil, & maintenance)	\$56.72	\$534.50	\$534.50	\$534.50		\$141.80	\$534.50	\$534.50	\$534.50	
Permanent Labor	\$128.21	\$415.17	\$778.96	\$778.96		\$256.41	\$518.96	\$778.96	\$778.96	
Insurance	\$0.00	\$0.00	\$0.00	\$0.00		\$0.00	\$0.00	\$0.00	\$0.00	
Harvest Var Costs										
Harvest Labor	\$30.28	\$197.33	\$970.31	\$970.31		\$69.56	\$455.35	\$1,117.51	\$1,117.51	
Variable Machinery Cost (fuel, oil, & maintenance)	\$52.07	\$179.33	\$179.33	\$179.33		\$52.07	\$179.33	\$179.33	\$179.33	
Storage, Packing, Transportaion, & Brokerage Fee	\$0.00	\$0.00	\$0.00	\$0.00		\$215.14	\$1,843.47	\$4,259.49	\$3,306.08	
Total Var Costs (AVG/Cycle)	\$3,173.17	\$2,106.95	\$3,888.00	\$3,890.07		\$3,550.70	\$3,740.31	\$9,323.33	\$8,097.30	
Fixed Machinery Costs										
	\$66.68	\$58.65	\$58.65	\$58.65		\$66.68	\$66.68	\$66.68	\$66.68	
General Overhead (8%) (AVG/Cycle)										
	\$253.85	\$168.56	\$311.04	\$311.21		\$284.06	\$299.22	\$745.87	\$647.78	
Total Fixed & Variable Costs	\$3,493.71	\$2,334.16	\$4,257.69	\$4,259.93		\$3,901.44	\$4,106.21	\$10,135.88	\$8,811.76	
Gross Receipts										
Yield (LBS/Acre)	1,688	20,257	27,009	27,009		1,688	20,257	27,009	27,009	
Price Received (\$/LB)	\$0.10	\$0.10	\$0.10	\$0.10		\$0.31	\$0.31	\$0.31	\$0.31	
Total Revenue	\$168.81	\$2,025.67	\$2,700.90	\$2,700.90		\$523.30	\$6,279.59	\$8,372.78	\$8,372.78	
Annual Net Loss/Income (AVG/Cycle)	(\$3,324.91)	(\$920.55)	(\$1,556.79)	(\$1,559.03)		(\$3,378.16)	\$549.95	(\$1,763.10)	(\$438.98)	
Discounted (Loss/Income)						(\$21,142.31)				(\$17,150.54)