

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 2015										
Establishment Costs (applicable to both processed market and fresh market orchards)										
Land Clearing	\$443.00									
Land Preparation (labor, machinery, material)	\$874.00									
Planting (labor, machinery, trees)	\$3,900.00									
Total Establishment Cost	\$5,217.00									
	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	\$69.33	\$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	\$11.55	\$138.60	\$231.00	\$231.00		\$193.38	\$386.87	\$644.78	\$515.82	
Hand Thinning	\$0.00	\$0.00	\$0.00	\$0.00		\$0.00	\$257.91	\$515.82	\$386.87	
Supplies (replace lost wrenches, etc.)	\$9.90	\$8.80	\$7.71	\$6.61		\$9.90	\$8.80	\$7.71	\$6.61	
Miscellaneous	\$56.66	\$12.36	\$12.36	\$12.36		\$56.68	\$12.36	\$12.36	\$12.36	
Variable Machinery Cost (fuel, oil, & maintenance)	\$54.02	\$509.05	\$509.05	\$509.05		\$135.06	\$509.06	\$509.06	\$509.06	
Permanent Labor	\$119.26	\$386.20	\$724.61	\$724.61		\$238.52	\$482.75	\$724.61	\$724.61	
Insurance	\$0.00	\$0.00	\$0.00	\$0.00		\$0.00	\$0.00	\$0.00	\$0.00	
Harvest Var Costs										
Harvest Labor	\$30.29	\$197.33	\$970.31	\$970.31		\$69.56	\$455.35	\$1,117.51	\$1,117.51	
Variable Machinery Cost (fuel, oil, & maintenance)	\$49.59	\$170.79	\$170.79	\$170.79		\$49.59	\$170.79	\$170.79	\$170.79	
Storage, Packing, Transportaion, & Brokerage Fee	\$0.00	\$0.00	\$0.00	\$0.00		\$204.89	\$1,755.69	\$4,056.66	\$3,148.65	
Total Var Costs (AVG/Cycle)	\$2,708.44	\$2,036.71	\$3,784.30	\$3,786.40		\$3,071.79	\$3,615.30	\$9,012.60	\$7,835.87	
Fixed Machinery Costs										
	\$65.49	\$58.65	\$58.65	\$58.65		\$65.49	\$65.49	\$65.49	\$65.49	
General Overhead (8%) (AVG/Cycle)										
	\$216.68	\$162.94	\$302.74	\$302.91		\$245.74	\$289.22	\$721.01	\$626.87	
Total Fixed & Variable Costs	\$2,990.61	\$2,258.30	\$4,145.69	\$4,147.96		\$3,383.02	\$3,970.01	\$9,799.10	\$8,528.23	
Gross Receipts										
Yield (LBS/Acre)	1,483	17,795	23,726	23,726		1,483	17,795	23,726	23,726	
Price Received (\$/LB)	\$0.20	\$0.20	\$0.20	\$0.20		\$0.39	\$0.39	\$0.39	\$0.39	
Total Revenue	\$296.60	\$3,559.00	\$4,745.20	\$4,745.20		\$570.96	\$6,851.08	\$9,134.51	\$9,134.51	
Annual Net Loss/Income (AVG/Cycle)	(\$2,694.01)	\$656.32	\$599.51	\$597.24		(\$2,812.06)	\$1,290.03	(\$664.59)	\$606.28	
Discounted (Loss/Income)						(\$2,284.50)				(\$7,053.02)