

Table 1: Percent of Annual Sales of Horticultural Products to Commercial Markets

<i>N=14</i>	On-site at Farm or Facility	Restaurants	Grocery, Wholesale, Retail	Farmers Market	Community Supported Agriculture (CSA)	Institutions: Schools, Universities, Hospitals, Businesses, etc.	Other
Average % of Horticultural Products Sold to Each Market	30.8%	17.6%	16.5%	16.5%	10.0%	7.3%	1.2%

Table 2: Percent of Annual Sales of Aquatic Animals to Commercial Markets

<i>N=14</i>	On-site at Farm or Facility	Restaurants	Grocery, Wholesale, Retail	Other	Community Supported Agriculture (CSA)
Average % of Horticultural Products Sold to Each Market	58.3%	17.1%	15.0%	8.8%	0.8%

Table 3: UVI Construction Cost

Item	Cost	%
Tanks & Grow Beds	\$ 31,615.10	78%
Supplies	\$ 8,905.00	22%
Total Start Up	\$ 40,520.10	

Table 4: UVI Construction and Supply Cost

Item	Cost	%
Tanks & Grow Beds	\$ 31,615	62%
Supplies	\$ 19,522	38%
Total Start Up	\$ 51,137	

Table 5: THF Startup Cost

Item	Cost	%
Tanks & Grow Beds	\$ 84,500	81%
Barn Improvements	\$ 13,000	12%
Supplies	\$ 5,950	6%
COOP Membership	\$ 1,000	1%
Total Start Up	\$ 104,450	

Table 11: Commercial Aquaponics Systems' Revenue

	<u>Yr 1</u>	<u>Yr 2</u>	<u>Yr 3</u>	<u>Yr 4</u>	<u>Yr 5</u>	<u>Average</u>	<u>Sum</u>
UVI	\$ 103,138	\$ 115,055	\$ 115,055	\$ 115,055	\$ 115,055	\$ 112,672	\$ 676,032
LPF	\$ 80,320	\$ 157,428	\$ 248,000	\$ 248,000	\$ 248,000	\$ 196,350	\$ 1,178,098
THF	\$ 137,000	\$ 169,125	\$ 314,250	\$ 314,250	\$ 314,250	\$ 249,775	\$ 1,498,650

Table 12: UVI System NPV Chart

	<u>Yr 0</u>	<u>Yr 1</u>	<u>Yr 2</u>	<u>Yr 3</u>	<u>Yr 4</u>	<u>Yr 5</u>
Net Cash Flow less investment	\$ (40,520)	\$ 27,959	\$ 33,399	\$ 33,399	\$ 33,399	\$ 33,399
PV (CF-INV, r=8%)	\$ (40,520)	\$ 25,888	\$ 28,635	\$ 26,514	\$ 24,550	\$ 22,731
						\$ 87,797

Table 13: LPF System NPV Chart

	<u>Yr 0</u>	<u>Yr 1</u>	<u>Yr 2</u>	<u>Yr 3</u>	<u>Yr 4</u>	<u>Yr 5</u>
Net Cash Flow less investment	\$ (29,085)	\$ (84,257)	\$ 32,036	\$ 94,009	\$ 94,009	\$ 94,009
PV (CF-INV, r=8%)	\$ (29,085)	\$ (78,015)	\$ 27,466	\$ 74,627	\$ 69,099	\$ 63,981
						\$ 128,072

Table 14: THF System NPV Chart

	<u>Yr 0</u>	<u>Yr 1</u>	<u>Yr 2</u>	<u>Yr 3</u>	<u>Yr 4</u>	<u>Yr 5</u>
Net Cash Flow less investment	\$ (104,450)	\$ 36,379	\$ 51,438	\$ 94,430	\$ 94,430	\$ 94,430
PV (CF-INV, r=8%)	\$ (104,450)	\$ 33,684	\$ 44,100	\$ 74,962	\$ 69,409	\$ 64,267
						\$ 181,972

Table 15: IRR & NPV

	<u>IRR</u>	<u>NPV</u>
UVI	71%	\$ 87,797
LPF	42%	\$ 128,072
THF	51%	\$ 181,972