

**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
<b>Average % of Horticultural Products Sold to Each Market</b>	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)
<b>Average % of Horticultural Products Sold to Each Market</b>	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%
<b>Total Start Up</b>	<b>\$ 40,520.10</b>	

**Table 4: UVI Construction and Supply Cost**

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

**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%
<b>Total Start Up</b>	<b>\$ 104,450</b>	



**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>
<b>UVI</b>	\$ 103,138	\$ 115,055	\$ 115,055	\$ 115,055	\$ 115,055	\$ 112,672	\$ 676,032
<b>LPF</b>	\$ 80,320	\$ 157,428	\$ 248,000	\$ 248,000	\$ 248,000	\$ 196,350	\$ 1,178,098
<b>THF</b>	\$ 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
						<b>\$ 87,797</b>

**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
						<b>\$ 128,072</b>

**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
						<b>\$ 181,972</b>

**Table 15: IRR & NPV**

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