

Model nursery build list (1/3)

Category	Item	Qty	Cost	Total	Link
Containers	Cultivation (reefer)	1	\$9,900	\$9,900	
	Water processing (standard)	1	\$3,100	\$3,100	
Cooling	Walking mechanicals (installed)	1	\$16,250	\$16,250	
Water processing	200 gallon tempering tank	1	\$579	\$579	Shop
	500 gallon skimming tank	1	\$959	\$959	Shop
	500 gallon storage tank	1	\$959	\$959	Shop
	1000 gallon holding tank	1	\$1,385	\$1,385	Shop
Mechanical filtration & cartridges	10" Housings	5	\$30	\$151	Shop
	20" Housings	1	\$43	\$43	Shop
	.2 micron filter	20	\$88	\$1,764	Shop
	1 micron filter	10	\$28	\$285	Shop
	5 micron filter	10	\$25	\$251	Shop
	20 micron filter	10	\$14	\$144	Shop
	Bag filter housings	1	\$113	\$113	Shop
	25 micron bag filter	10	\$6	\$58	Shop
	Heavy duty wire rack	2	\$159	\$318	Shop
UV filter	57 Watt twist	2	\$643	\$1,286	Shop
	Protein skimmer	1	\$600	\$600	Shop
	UV bulb	4	\$83	\$330	Shop
Pumps	Protein skimmer	1	\$179	\$179	Shop
	UV loop	3	\$184	\$552	Shop
	Waste pump	1	\$169	\$169	Shop
	Waste switch	1	\$30	\$30	Shop
	Ozone generator	1	\$400	\$400	Shop
	Air filters	10	\$8	\$80	Shop
	Ozone alarm	1	\$435	\$435	Shop
	Ozone controller	1	\$141	\$141	Shop

Model nursery build list (2/3)

Category	Item	Qty	Cost	Total	Link
Grow tanks	Tanks	8	\$950	\$7,600	Shop
	Lights	9	\$269	\$2,421	Shop
	Dimmers	9	\$14	\$126	Shop
	Pumps	9	\$30	\$270	Shop
	Tank UV filters	9	\$110	\$990	Shop
	UV bulb replacements	18	\$9	\$162	Shop
	Spool stands	9	\$115	\$1,035	Shop
	Tank shelving (use box tube to extend legs)	4	\$91	\$819	Shop
	Air pumps	9	\$75	\$675	Shop
	Air filters	16	\$8	\$128	Shop
	Air stones	8	\$8	\$64	Shop
	Air control valve	8	\$5	\$40	Shop
	Seed spools	200	\$8	\$1,600	Shop
	PAR meter	1	\$565	\$565	Shop
Water collection	Pump	1	\$209	\$209	Shop
	Suction hose	4	\$35	\$140	Shop
	Intake screen	1	\$8	\$8	Shop
	IBC tote	2	\$299	\$598	Shop
	Hatch	2	\$35	\$70	Shop
	Transfer pump	1	\$60	\$60	Shop

Model nursery build list (3/3)

Category	Item	Qty	Cost	Total	Link
Piping & tubing	1" PVC pipe and fittings (assorted)			\$3,750	
	1/2" silicone tubing	8	\$17	\$136	Shop
	1/4" silicone tubing	4	\$25	\$100	Shop
	Upwelling frame pipe	8	\$4	\$34	Shop
	Nylon barb elbows	32	\$2	\$74	Shop
	Replenishment emitter	8	\$1	\$7	Shop
	Teflon tape	4	\$3	\$12	Shop
	Pipe cutter	1	\$27	\$27	Shop
	PVC glue	1	\$14	\$14	Shop
Tools	PH/TDS meter	1	\$186	\$186	Shop
	PAR meter	1	\$532	\$532	Shop
	Thermometer	1	\$41	\$41	Shop
	Refractometer	1	\$16	\$16	Shop
	Microscope	1	\$197	\$197	Shop
Hard costs				\$63,558	
Not included - container mobilization, fabrication labor, electrical connections				\$18,000	
Tax				\$12,137	
GRAND TOTAL				\$93,130	

**Does not include mechanical site work and utility hookup, or a foundation fit to build on*