

This spreadsheet represents a 100 gallon recirculating deep water culture system.

Bought from Current Culture

		Quantity(gal)	\$/gal	\$/l	qty/cycle	\$/cycle	Cycles/ctnr
UC Roots	19000	275	69.090909	18.253873	1700	31.031584	612.27941
Veg A	7200	275	26.181818	6.9172571	1650	11.413474	630.83333
Veg B	7200	275	26.181818	6.9172571	1650	11.413474	630.83333
Bloom A	7200	275	26.181818	6.9172571	3950	27.323166	263.51266
Bloom B	7200	275	26.181818	6.9172571	3950	27.323166	263.51266
Bud Booster Early	13350	275	48.545455	12.825748	900	11.543173	1156.5278
Bud Booster Mid	13350	275	48.545455	12.825748	2900	37.194668	358.92241
		Quantity (lb)	MOQ (kg)	\$/g	g		
Bud Booster Late	640	50	22.679851	0.0282189	200	5.643776	113.39926

Bought and mixed yourself

\$/gal	\$/l	\$/cycle
6.352762	1.6784048	2.8532881
9.7258939	2.5695889	4.2398217
8.9627118	2.3679556	3.9071267
10.181666	2.6900041	10.625516
9.2404124	2.4413243	9.6432309
8.6944327	2.297076	2.0673684
8.4292242	2.2270077	6.4583224
\$/kg	\$/g	
7.2046689	0.0072047	1.4409338

Nutrient usage, in mL	1	2	3	4	1	2	3	4	5	6	7	8	9
UC ROOTS	100	100	100	100	100	100	100	100	100	100	100	100	500
CS VEG A	200	300	400	500	250								
CS VEG B	200	300	400	500	250								
CS BLOOM A					250	600	600	700	700	600	300	200	
CS BLOOM B					250	600	600	700	700	600	300	200	
CS BUD BOOSTER - EARLY				100	200	300	400						
CS BUD BOOSTER - MID								500	700	800	500	400	
CS BUD BOOSTER - LATE											100	100	

Nutrient Cost, Cultured Solutions	1	2	3	4	1	2	3	4	5	6	7	8	9	
UC ROOTS	\$1.83	\$1.83	\$1.83	\$1.83	\$1.83	\$1.83	\$1.83	\$1.83	\$1.83	\$1.83	\$1.83	\$1.83	\$9.13	
CS VEG A	\$1.38	\$2.08	\$2.77	\$3.46	\$1.73	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
CS VEG B	\$1.38	\$2.08	\$2.77	\$3.46	\$1.73	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
CS BLOOM A	\$0.00	\$0.00	\$0.00	\$0.00	\$1.73	\$4.15	\$4.15	\$4.84	\$4.84	\$4.15	\$2.08	\$1.38	\$0.00	
CS BLOOM B	\$0.00	\$0.00	\$0.00	\$0.00	\$1.73	\$4.15	\$4.15	\$4.84	\$4.84	\$4.15	\$2.08	\$1.38	\$0.00	
CS BUD BOOSTER - EARLY	\$0.00	\$0.00	\$0.00	\$1.28	\$2.57	\$3.85	\$5.13	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
CS BUD BOOSTER - MID	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$6.41	\$8.98	\$10.26	\$6.41	\$5.13	\$0.00	
CS BUD BOOSTER - LATE	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$2.82	\$2.82	\$0.00	
Totals	\$4.59	\$5.98	\$7.36	\$10.03	\$11.31	\$13.97	\$15.26	\$17.92	\$20.49	\$20.39	\$15.21	\$12.54	\$9.13	\$164.17

CC Replica, dry mix, DIY	1	2	3	4	1	2	3	4	5	6	7	8	9	
UC ROOTS	\$0.17	\$0.17	\$0.17	\$0.17	\$0.17	\$0.17	\$0.17	\$0.17	\$0.17	\$0.17	\$0.17	\$0.17	\$0.84	
CS VEG A	\$0.51	\$0.77	\$1.03	\$1.28	\$0.64	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
CS VEG B	\$0.47	\$0.71	\$0.95	\$1.18	\$0.59	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
CS BLOOM A	\$0.00	\$0.00	\$0.00	\$0.00	\$0.67	\$1.61	\$1.61	\$1.88	\$1.88	\$1.61	\$0.81	\$0.54	\$0.00	
CS BLOOM B	\$0.00	\$0.00	\$0.00	\$0.00	\$0.61	\$1.46	\$1.46	\$1.71	\$1.71	\$1.46	\$0.73	\$0.49	\$0.00	
CS BUD BOOSTER - EARLY	\$0.00	\$0.00	\$0.00	\$0.23	\$0.46	\$0.69	\$0.92	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
CS BUD BOOSTER - MID	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$1.11	\$1.56	\$1.78	\$1.11	\$0.89	\$0.00	
CS BUD BOOSTER - LATE	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.72	\$0.72	\$0.00	
Totals	\$1.16	\$1.65	\$2.14	\$2.87	\$3.14	\$3.94	\$4.17	\$4.87	\$5.32	\$5.03	\$3.54	\$2.81	\$0.84	\$41.47

Weekly Comparisons

Week	1	2	3	4	5	6	7	8	9	10	11	12	13	Total	Veg Subtotal	Flower Subtotal
Current Culture nutrients	\$4.59	\$5.98	\$7.36	\$10.03	\$11.31	\$13.97	\$15.26	\$17.92	\$20.49	\$20.39	\$15.21	\$12.54	\$9.13	\$164.17	\$27.95	\$136.22
CC Replica, dry mix, DIY	\$1.16	\$1.65	\$2.14	\$2.87	\$3.14	\$3.94	\$4.17	\$4.87	\$5.32	\$5.03	\$3.54	\$2.81	\$0.84	\$41.47	\$7.81	\$33.65
Other necessary tools	\$200.00													\$2,000.00		

Below here, these cashflows represent 4x 100 gallon systems.

Based on a setup that has 3x the flowering lights as veg lights, so 4 total hydroponic systems, each the size as is shown above. Costs would appear as follows, based on yearly totals.

[illegible]