

APPENDIX

Appendix 1: Length and weight gain data of culture period

T	R	Initial			Sampling 1		Sampling 2		Sampling 3		Sampling 4		Sampling 5		Sampling 6		Sampling 7		Sampling 8			Sampling 9				Sampling 10			
		L	L	LG	L	LG	L	LG	L	LG	L	LG	L	LG	L	LG	L	LG	W	L	LG	W	WG	L	LG	W	WG		
T0	R1	2	2.4	0.4	2.55	0.15	3.15	0.6	3.73	0.58	3.99	0.26	4.23	0.24	4.33	0.1	4.43	0.1	0.42	4.5	0.07	0.5	0.08	4.7	0.2	0.78	0.28		
T0	R2	2	2.65	0.65	2.6	0.05	2.6	0	3.43	0.83	3.75	0.32	3.96	0.21	4.5	0.54	4.7	0.2	0.70	4.8 3	0.13	0.85	0.15	4.9	0.07	0.96	0.11		
T0	R3	2	2.26	0.26	3.15	0.89	3.28	0.13	3.43	0.15	4.4	0.97	4.8	0.4	4.85	0.05	4.89	0.04	0.76	4.9 5	0.06	0.92	0.16	4.95	0	0.95	0.03		
T1	R1	2	2.2	0.2	2.45	0.25	2.8	0.35	3.33	0.53	4.2	0.87	4.25	0.05	4.45	0.2	4.5	0.05	0.5	4.6	0.1	0.65	0.15	4.7	0.1	0.9	0.25		
T1	R2	2	2.8	0.8	3	0.2	3.4	0.4	3.77	0.37	3.9	0.13	4.16	0.26	4.43	0.27	4.85	0.42	0.70	5	0.15	0.94	0.24	5.06	0.06	1.2	0.26		
T1	R3	2	2.95	0.95	3.15	0.2	3.1	0.05	4.17	1.07	4.8	0.63	4.9	0.1	5.03	0.13	5.05	0.02	0.80	5.1 5	0.1	1.09	0.29	5.2	0.05	1.25	0.16		
T2	R1	2	2.75	0.75	2.76	0.01	3.3	0.54	3.6	0.3	4.15	0.55	4.35	0.2	4.38	0.03	4.43	0.05	0.46	4.6	0.17	0.66	0.2	4.7	0.1	0.89	0.23		
T2	R2	2	3.05	1.05	3.15	0.1	3.1	0.05	3.93	0.83	4.1	0.17	4.6	0.5	4.85	0.25	5	0.15	0.8	5.5	0.5	1.27	0.47	5.65	0.15	1.34	0.07		
T2	R3	2	3	1	3.05	0.05	3.73	0.68	4.37	0.64	4.8	0.43	5.15	0.35	5.17	0.02	5.2	0.03	1	5.3	0.1	1.08	0.08	5.3	0	1.26	0.18		
T3	R1	2	3.25	1.25	3.25	0	3.38	0.13	3.83	0.45	4.7	0.87	4.8	0.1	4.9	0.1	5	0.1	0.81	5.2	0.2	1.14	0.33	6.86	1.66	2.35	1.21		
T3	R2	2	2.4	0.4	3.15	0.75	3.23	0.08	4.25	1.02	4.75	0.5	5	0.25	5.11	0.11	5.19	0.08	1	5.2 5	0.06	1.21	0.21	6	0.75	2.05	0.84		
T3	R3	2	3.55	1.55	3.7	0.15	3.7	0	4.47	0.77	4.57	0.1	5	0.43	5.53	0.53	5.63	0.1	1.32	5.7	0.07	1.43	0.11	5.95	0.25	2	0.57		

*T= Treatment, R= Replication, L= Length, W= Weight, LG= Length gain, WG= Weight Gain

Appendix 2: Data analysis by one way ANOVA

		ANOVA				
		Sum of Squares	df	Mean Square	F	Sig.
Weight	Between Groups	2.719	3	.906	25.983	.000
	Within Groups	.279	8	.035		
	Total	2.998	11			
Length	Between Groups	3.734	3	1.245	8.635	.007
	Within Groups	1.153	8	.144		
	Total	4.887	11			
CF	Between Groups	.024	3	.008	1.429	.304
	Within Groups	.045	8	.006		
	Total	.068	11			
SGR	Between Groups	.087	3	.029	1.304	.338
	Within Groups	.179	8	.022		
	Total	.266	11			

*CF= Condition Factor, SGR= Specific Growth Rate