

Appendix tables

Appendix Table 1. Water quality parameters in a rearing tank of giant freshwater prawn broodstocks during the experimental periods for 6 months.

Parameters	Max–Min	Mean±SD	ACFS (2022)
Water temperature (°C)	30.6–30.3	30.52±0.07	25–32
Dissolved oxygen (mg·L ⁻¹)	6.95–6.45	6.77±0.09	≥4
pH	7.94–7.43	7.69±0.15	6.5–8.5
Alkalinity (mg·L ⁻¹)	65–60	63.5±21.59	50–200
Total ammonia nitrogen (mg·L ⁻¹)	0.6598–0.0002	0.2958±0.2340	≤0.5
Nitrite nitrogen (NO ₂ ⁻ -N) (mg·L ⁻¹)	0.0556–0	0.0243±0.0174	≤0.1

Appendix Table 2. Water quality parameters on day 4 of larval nursing.

Parameters	Three consecutive spawnings			DOF (2019)
	1 st	2 nd	3 rd	
Water temperature (°C)	30.52±0.07	30.54±0.08	30.51±0.07	28–32
Dissolved oxygen (mg·L ⁻¹)	6.79±0.11	6.80±0.09	6.79±0.11	>5
pH	7.79±0.08	7.78±0.08	7.76±0.11	7.0–8.5
Alkalinity (mg·L ⁻¹)	94.42±1.34	94.17±2.20	94.83±1.43	100–150
Total ammonia nitrogen (mg·L ⁻¹)	0.101±0.03	0.105±0.03	0.103±0.04	<0.5
Nitrite nitrogen (NO ₂ ⁻ -N) (mg·L ⁻¹)	0.0055±0.0007	0.0056±0.0008	0.0054±0.0006	<0.5

Appendix Table 3. Water quality parameters on day 8 of larval nursing.

Parameters	Three consecutive spawnings			DOF (2019)
	1 st	2 nd	3 rd	
Water temperature (oC)	30.54±0.05	30.53±0.04	30.54±0.07	28–32
Dissolved oxygen (mg·L ⁻¹)	6.77±0.11	6.80±0.09	6.83±0.06	>5
pH	7.84±0.08	7.83±0.07	7.86±0.05	7.0–8.5
Alkalinity (mg·L ⁻¹)	94.67±1.83	93.75±1.98	94.0±02.04	100–150
Total ammonia nitrogen (mg·L ⁻¹)	0.201±0.04	0.188±0.07	0.187±0.05	<0.5
Nitrite nitrogen (NO ₂ ⁻ -N) (mg·L ⁻¹)	0.0202±0.003	0.0198±0.004	0.02140±0.004	<0.5

Appendix Table 4. Water quality parameters on day 12 of larval nursing.

Parameters	Three consecutive spawnings			DOF (2019)
	1 st	2 nd	3 rd	
Water temperature (°C)	30.53±0.06	30.55±0.06	30.53±0.06	28–32
Dissolved oxygen (mg·L ⁻¹)	6.79±0.11	6.73±0.13	6.82±0.08	>5
pH	7.82±0.05	7.84±0.09	7.83±0.04	7.0–8.5
Alkalinity (mg·L ⁻¹)	94.42±1.67	93.67±1.93	93.58±2.12	100–150
Total ammonia nitrogen (mg·L ⁻¹)	0.325±0.05	0.337±0.08	0.329±0.06	<0.5
Nitrite nitrogen (NO ₂ ⁻ -N) (mg·L ⁻¹)	0.0229±0.002	0.0228±0.004	0.0233±0.003	<0.5

Appendix Table 5. Water quality parameters on day 16 of larval nursing.

Parameters	Three consecutive spawnings			DOF (2019)
	1 st	2 nd	3 rd	
Water temperature (°C)	30.48±0.07	30.49±0.07	30.49±0.06	28–32
Dissolved oxygen (mg·L ⁻¹)	6.78±0.11	6.80±0.10	6.83±0.09	>5
pH	7.83±0.05	7.82±0.06	7.84±0.08	7.0–8.5
Alkalinity (mg·L ⁻¹)	94.17±1.66	94.08±1.91	93.83±1.95	100–150
Total ammonia nitrogen (mg·L ⁻¹)	0.421±0.05	0.440±0.07	0.409±0.06	<0.5
Nitrite nitrogen (NO ₂ ⁻ -N) (mg·L ⁻¹)	0.0298±0.005	0.0291±0.004	0.0296±0.003	<0.5

Appendix Table 6. Water quality parameters on day 20 of larval nursing.

Parameters	Three consecutive spawnings			DOF (2019)
	1 st	2 nd	3 rd	
Water temperature (°C)	30.49±0.06	30.50±0.06	30.50±0.05	28–32
Dissolved oxygen (mg·L ⁻¹)	6.70±0.13	6.77±0.13	6.81±0.07	>5
pH	7.83±0.07	7.86±0.08	7.83±0.04	7.0–8.5
Alkalinity mg·L ⁻¹)	93.83±1.86	93.75±1.70	93.58±2.21	100–150
Total ammonia nitrogen (mg·L ⁻¹)	0.725±0.06	0.696±0.05	0.695±0.05	<0.5
Nitrite nitrogen (NO ₂ ⁻ -N) (mg·L ⁻¹)	0.0382±0.006	0.0400±0.005	0.0394±0.006	<0.5

Appendix Table 7. Water quality parameters on day 24 of larval nursing.

Parameters	Three consecutive spawnings			DOF (2019)
	1 st	2 nd	3 rd	
Water temperature (°C)	30.52±0.06	30.49±0.09	30.50±0.07	28–32
Dissolved oxygen (mg·L ⁻¹)	6.74±0.14	6.75±0.12	6.80±0.08	>5
pH	7.81±0.07	7.83±0.08	7.81±0.05	7.0–8.5
Alkalinity (mg·L ⁻¹)	94.33±1.93	94.00±1.96	93.17±2.70	100–150
Total ammonia nitrogen (mg·L ⁻¹)	0.898±0.07	0.832±0.17	0.841±0.07	<0.5
Nitrite nitrogen (NO ₂ ⁻ -N) (mg·L ⁻¹)	0.0479±0.006	0.0475±0.004	0.0470±0.003	<0.5