

Table 1. Maximum cell number, specific growth rate and generation time of *D. viridis* as a function of salinity, temperature and nitrogen concentration.

| [NaCl] (M)<br>(10 mM NO <sub>3</sub> <sup>-</sup> ) | Maximum cell number<br>(cell ml <sup>-1</sup> (·10 <sup>6</sup> )) |      |      | Specific growth rate (μ)<br>(divisions day <sup>-1</sup> ) |      |      | Generation time<br>(h) |      |      |      |
|---|--|------|------|--|------|------|------------------------|------|------|------|
|   | (°C)   | 20   | 25   | 30   | 20   | 25   | 30                     | 20   | 25   | 30   |
| 1   |  | 18.5 | 17.3 | 13.6   | 0.90 | 1.11 | 1.40                   | 18.5 | 15.0 | 11.9 |
| 2   |  | 12.8 | 11.4 | 9.1  | 0.83 | 1.00 | 1.27                   | 20.0 | 16.6 | 13.1 |
| 3   |  | 10.1 | 9.0  | 7.7  | 0.65 | 0.91 | 1.17                   | 25.6 | 18.1 | 14.2 |
| 4   |  | 8.1  | 6.3  | 6.1  | 0.46 | 0.57 | 0.80                   | 36.2 | 29.2 | 19.3 |
| [NO <sub>3</sub> <sup>-</sup> ] (mM)<br>(2 M NaCl)  |  |      |      |  |      |      |                        |      |      |      |
| 0.5   |  | 4.9  | 4.8  | 3.5  | 0.77 | 0.96 | 1.23                   | 21.6 | 17.3 | 13.5 |
| 1.5   |  | 10.7 | 10.1 | 7.9  | 0.78 | 0.98 | 1.18                   | 21.3 | 17.0 | 14.1 |
| 5   |  | 13.0 | 12.9 | 9.0  | 0.82 | 1.06 | 1.26                   | 20.3 | 15.7 | 13.2 |
| 10  |  | 12.8 | 11.4 | 9.1  | 0.83 | 1.00 | 1.27                   | 20.0 | 16.6 | 13.1 |