

Fig. 2. Concentrations of the eight herbicides detected in water samples collected from the R. Kokai station. Bottom column; *Selenastrum* growth rates related to the control (SGR), $(SGR = (W - C) / C \times 100(\%))$, W: cell density of *Selenastrum* grown in river water sample for 3 days. C: control grown in C-medium), and the values (in June) in water from which herbicides had been removed by passing through an ODS-column. TBTB (tributyl phosphorotrithioate, (Bu₃),PO), a plant growth regulator.

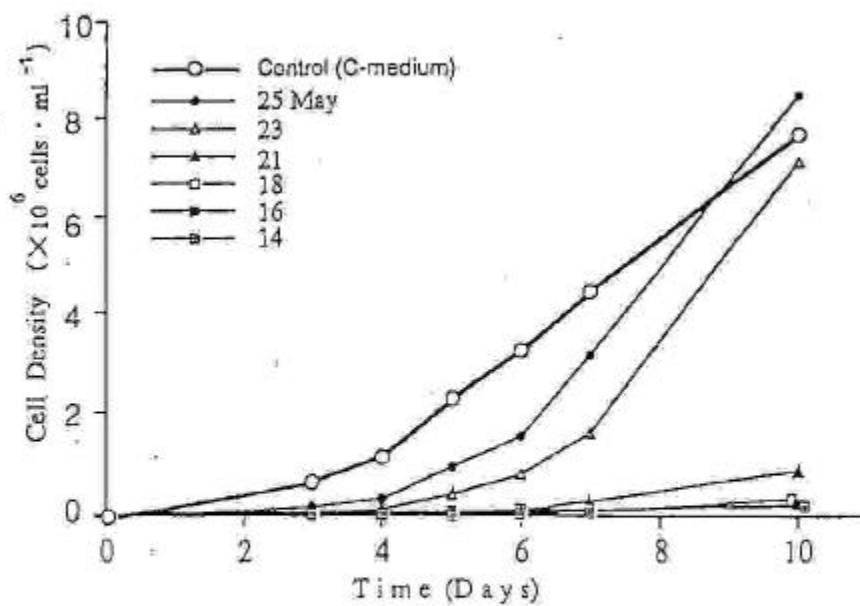


Fig. 3. Growth of *Selenastrum* from 3 to 10 days after the test in the river water samples collected at the R. Kokai station from 14 to 25 May, when various herbicides were detected at high levels, at intervals of 2 to 3 days.