

→ The number of cells multiplying is equal to the number of cells dying.

→ Population growth is limited by one of the three factors:

a) Exhaustion of available nutrients.

b) Accumulation of inhibitory metabolites or end products.

c) Exhaustion of space, in this case called a lack of biological space.

iv) Death Phase →

→ Decline in cell population.

→ The number of viable cells decreases geometrically (exponentially) which is reverse of the growth during log phase.

