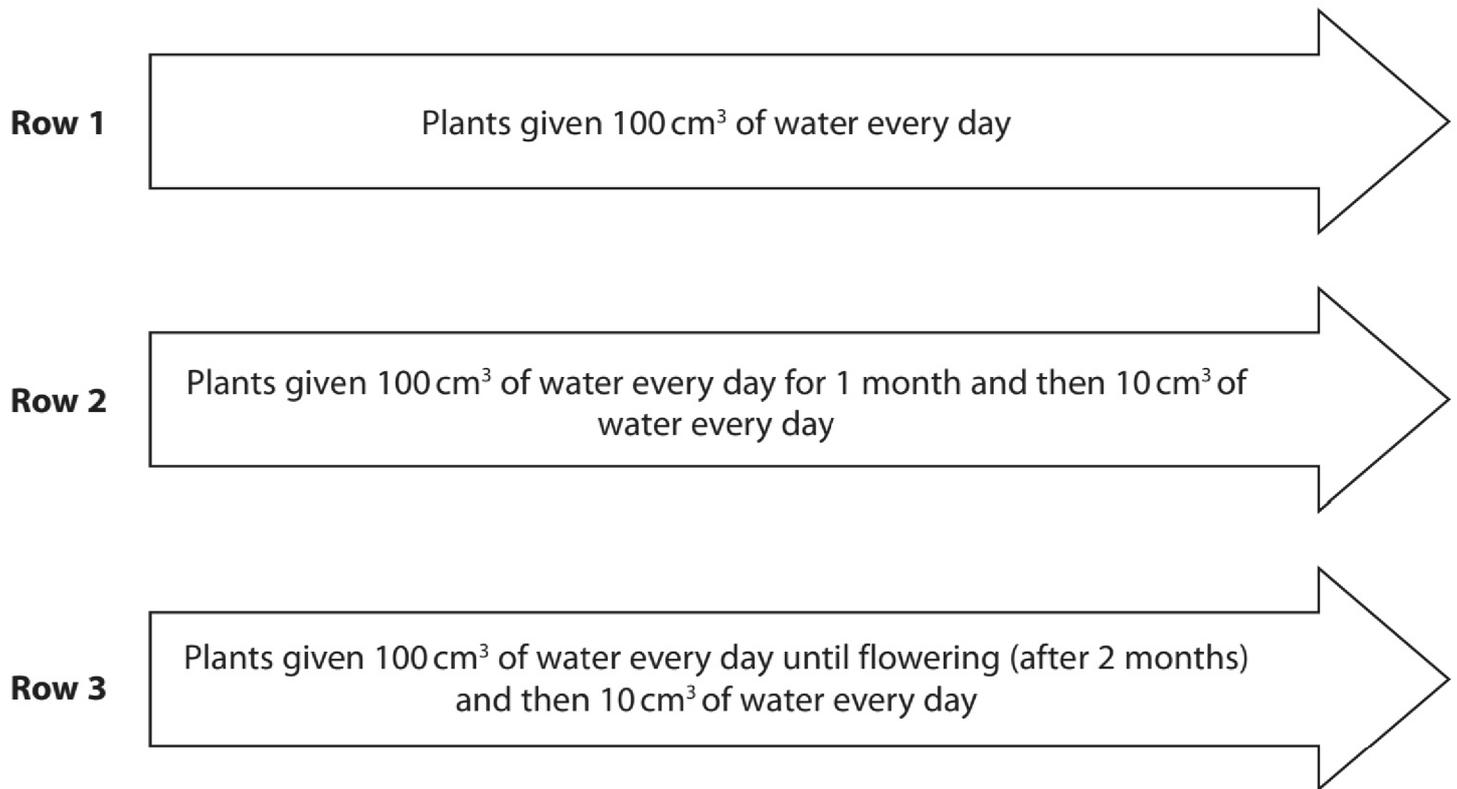


(b) When a plant is not given sufficient water for a period of time, it develops water stress.

In an investigation, three rows of kenaf plants were grown in separate containers in a glasshouse. The temperature, light intensity, soil quality and soil quantity were controlled.

The diagram shows how each row was treated.



The table shows the means and standard deviations of the measurements of the fibres extracted from the plants at the end of this investigation.

Row	Mean length / mm	Mean diameter / μm	Mean cell wall thickness / μm
1	0.91 ± 0.01	26.95 ± 0.45	3.44 ± 0.16
2	0.64 ± 0.06	21.62 ± 0.71	2.85 ± 0.08
3	0.81 ± 0.03	26.48 ± 0.77	3.23 ± 0.09

(i) Calculate the percentage decrease in the mean diameter of the fibres from plants in row 2 compared with those from plants in row 1.

(3)