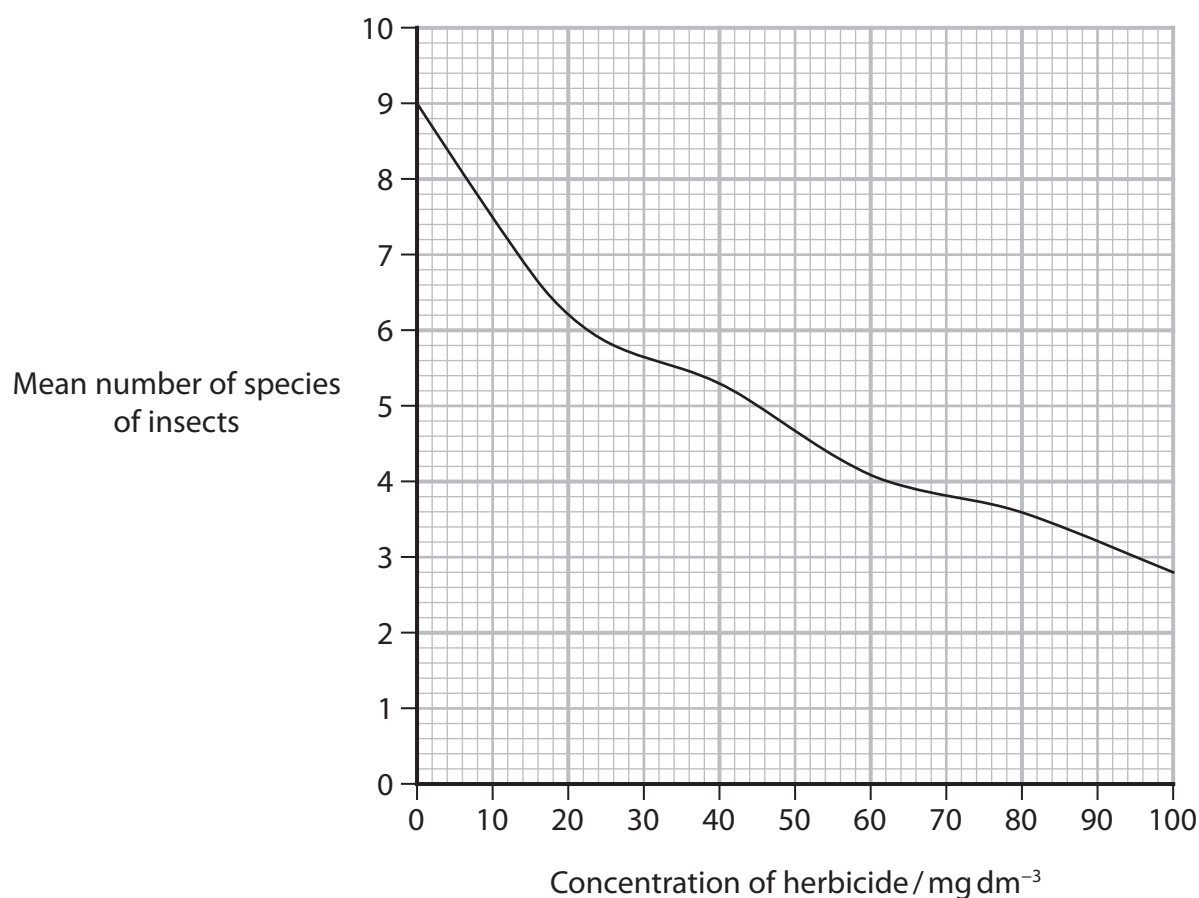


- 2 Farmers sometimes spray herbicides on their fields. Herbicides kill plants that the farmer does not want to grow.

The effect of the concentration of herbicide on the number of species of insects in three fields was investigated.

The mean number of species for the three fields was calculated.

The graph shows the results of this investigation.



- (a) State what is meant by the term species.

(1)

.....

.....

.....



- (b) Explain the relationship between the concentration of herbicide and the mean number of species of insects in the three fields.

Use the information in the graph to support your answer.

(4)

(Total for Question 2 = 5 marks)



P 6 1 4 7 0 A 0 5 3 2