

Edexcel Biology IGCSE

3.5 - Germination

Flashcards

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State the conditions necessary for germination.



State the conditions necessary for germination.

Water

Oxygen

Warm temperature



How can the effect of a factor on seed germination be investigated?



How can the effect of a factor on seed germination be investigated?

Set up test tubes with seeds, each with a factor missing and one as a control with all factors present. Count the number of seeds that have germinated in each test tube.



How is the effect of lack of water on germination investigated?



How is the effect of lack of water on germination investigated?

Place seeds on dry cotton wool.



How is the effect of lack of oxygen on germination investigated?



How is the effect of lack of oxygen on germination investigated?

Submerge the seeds in water with a layer of oil on top.



How is the effect of lack of warm temperature on germination investigated?



How is the effect of lack of warm temperature on germination investigated?

Place seeds in a fridge.



How long should the seeds be left for germination?



How long should the seeds be left for germination?

One week.

