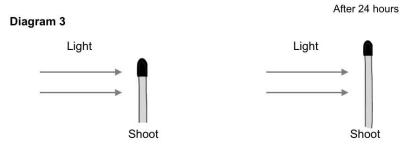


In another experiment, a shoot was set up in the same way as Diagram 2. In addition, a small cap was added to the tip of the shoot. Diagram 3 shows the results of the experiment.



What conclusion can be drawn about the part of the shoot that detects the light? [1 mark]

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light detected in the tip or top (of the shoot) [1]
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0 1 . 4

Suggest why the conclusion might not be accepted based on the experiment being carried out as shown in **Diagram 3**.

[1 mark]

Not enough repeats or more shoots needed or the experiment should be done more times or a named number of times (more than 3) [1]

TOP TIP : you could also say that you need a 'control' shoot as a comparison.