**Experiment data – Exploring fertilisers and plant growth**

This document contains a data set for the effect of fertiliser volume on the growth of algae.

**Brief outline of the experiment**

In this experiment, a suspension of algae was mixed with varying volumes of fertiliser added to 250 ml growth media. The suspension was left for 3 weeks to grow, under constant illumination and at room temperature. The turbidity of the suspension was measured by recording the light transmitted through the sample.

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| --- | --- | --- | --- | --- |
| **Volume of fertiliser added to growth media (cm3)** | **Light transmitted through suspension (%)** | | | |
| **1** | **2** | **3** | **Average** |
| 0 | 54 | 50 | 62 | 55 |
| 0.25 | 50 | 49 | 44 | 48 |
| 0.5 | 38 | 32 | 41 | 37 |
| 1 | 24 | 25 | 20 | 23 |