

Problem#11

Oxygen from plants



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Problem No. 11

Suggest an experimental method to measure how much oxygen is produced by a green plant.



Strong and Weak points of the Rep

Strong Points

- Reference to good parameters
- Use of different methods
- Explanation of good introduction
- Using many and good methods
- Strong expression technique
- Good conclusion
- The description of the experiment is very meaningful

Weak Points

- Use of simple and low-key methods
- Weak expression
- Unknown conclusion
- Description of bad experiment
- Not to mention too many parameters
- Using low methods
- Explanation of the non-concept



Short question

Is the proposed method capable of examining the oxygen production process of other plant species?

Does the type of plant affect its oxygen production?

Do all plants produce oxygen?

At what time of the day do plants produce more oxygen?

How much oxygen does a plant produce in 24 hours?

How much carbon dioxide does a plant produce to produce oxygen?



Discussion Points

If a plant like a cactus is used in this experiment, which parameters and test conditions should be changed? Why?

Will the test results change if the test container is placed indoors with the lights on?

Investigate the effect of light intensity on plant oxygen production?

Consider your method in terms of data repeatability.

What method do they use to measure the amount of oxygen a plant produces?

How does the carbon dioxide that the plant absorbs come out? (What happened to it)?

What causes flowers that are exposed to carbon dioxide to not wither?

How much carbon dioxide does each plant absorb?

How is oxygen produced by plants?

