

# Edexcel (A) Biology A-level

## CP07 - Plant mineral deficiencies

### Flashcards

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# What is the function of nitrates in plants?



What is the function of nitrates in plants?

For the synthesis of DNA and amino acids.



What is the function of magnesium in plants?



What is the function of magnesium in plants?

For the production of chlorophyll.



# What is the function of calcium in plants?



What is the function of calcium in plants?

For the synthesis of calcium pectate for the middle lamellae, and for regulating membrane permeability



What are the controlled variables in this practical?





What are the controlled variables in this practical?

Volume of nutrient solution.

Composition of nutrient solution (other than nitrate/magnesium/calcium content)

Light exposure

Temperature



# What are the controls of this practical?



What are the controls of this practical?

A nutrient solution with all minerals present, and another with no minerals present.

