

Foundation Separate version — Higher Tier (★) questions removed.

Q1. Describe FOUR ways plants use the glucose produced during photosynthesis. For each, state the form glucose is converted to.

[4 marks]

Total: 4 marks

Q1 (4 marks)

Describe FOUR ways plants use the glucose produced during photosynthesis. For each, state ...

- Respiration: glucose broken down to release energy (ATP) [1]
- Storage: converted to insoluble STARCH [1]
- Structure: converted to CELLULOSE for cell walls [1]
- Proteins: combined with nitrates from soil → amino acids → proteins [1] — accept: lipids for seeds, sucrose for transport