

Greenhouses can be used to control the rate of photosynthesis. This can result in plants

- growing more quickly
- becoming bigger and stronger.

Plants respire in order to break down glucose for energy.

RESPIRATION - energy released

glucose + oxygen $\rightarrow$ carbon dioxide + water

The xylem transports water and mineral ions from the roots to the rest of the plant (uni-directional)

Phloem transports sugars made by photosynthesis from the leaves to the rest of the plant (bi-directional)