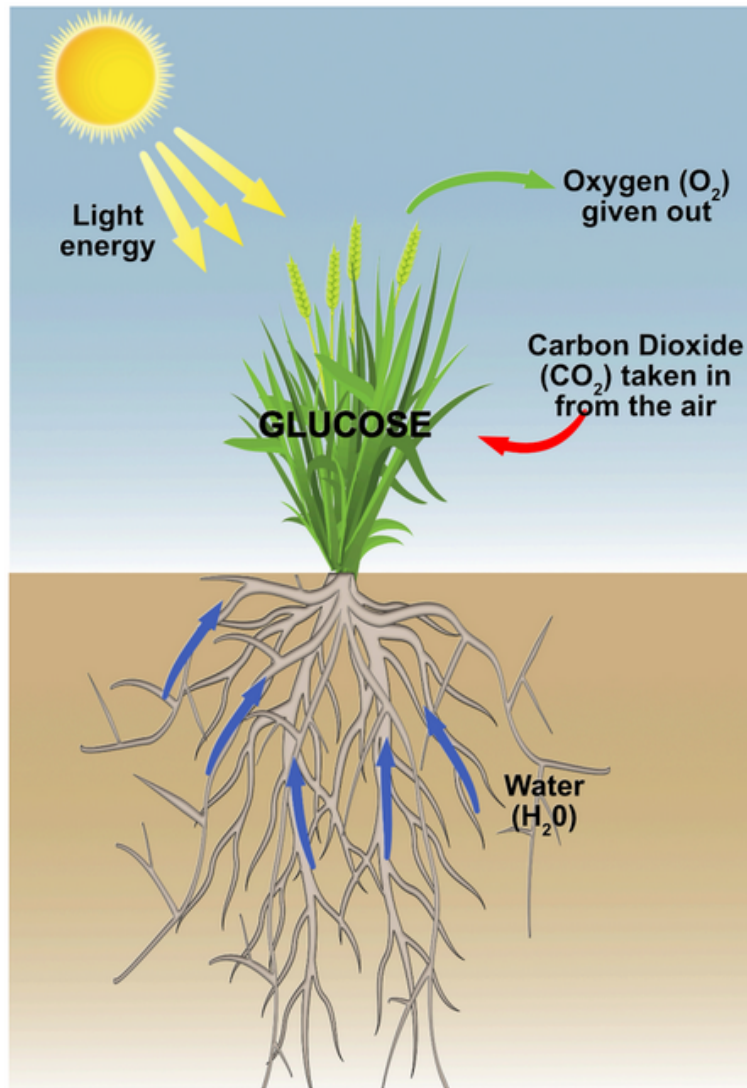


Photosynthesis Infographic



Photosynthesis is the multi-step process by which plants make glucose and oxygen from carbon dioxide, water and sunlight.

Plants use glucose as a basic building block to form a range of other constituents including more complex sugars, carbohydrates, amino acids, proteins, fats, oils, hormones, vitamins, defence compounds, protective compounds, and root exudates.

Up to 30-50% of the carbon that was turned into glucose by photosynthesis may be released from the roots into the soil as exudates. These exudates:

- feed the soil biology and drives the living processes in the soil.
- signal the plant's needs to beneficial soil microbes which will then respond and support the plant.

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