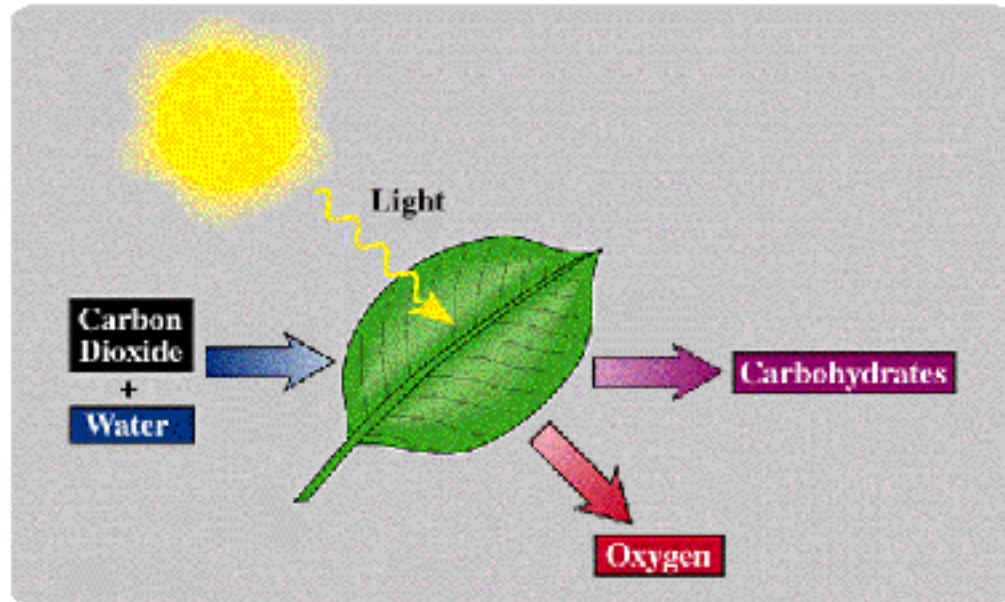


# Photosynthesis



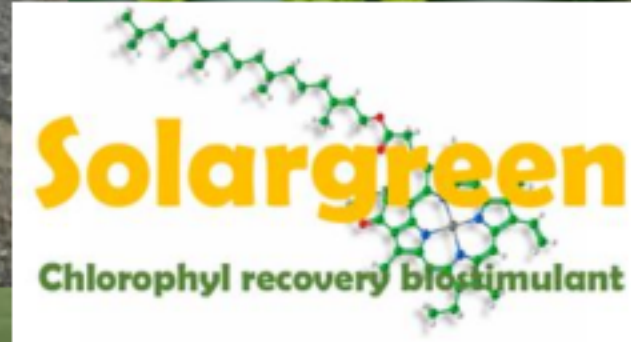
Photosynthesis is the process by which plants use sunlight to synthesize nutrients from carbon - dioxide and water.

This involves a green a pigmentation within leaves called chlorophyll that helps plants generate carbohydrates for energy, while releasing oxygen as a bi-product.

Photosynthesis helps plants to produce vitamins, proteins and sugars that are essential for biosynthesis and nutrient assimilation to promote crop growth and reproduction



**Chlorophyll recovery  
in rice crop**



**Clearly visible increase in chlorophyll  
content after just 3 days**



# A natural solution for Boxwood hedge blight

This is how **Solargreen** works...

- MgO, NH<sub>2</sub> and SO<sub>3</sub> are the central mineral components of chlorophyll molecule within plant leaf chloroplasts. This darkens the green photo plates to optimise photosynthesis, thereby increasing plant energy levels to fight disease.
- Copper sulphate helps to sterilise the reproductive organs and spores of the fungus. Thereby, reducing its ability to further reproduce.
- Seaweed extracts increase plant assimilation of these elements and support new growth and recovery from abiotic and biotic stresses.

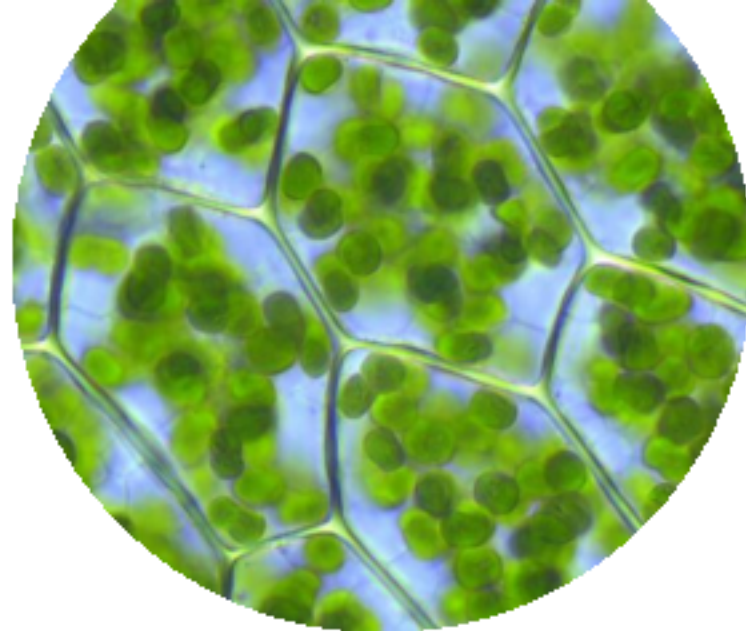


# Green technology

Chlorophyll is a dark green molecule that has the ability to absorb light and enable plants to create the energy they need for building new cells and fruits.

When chlorophyll is lost due to plant stress or climatic conditions plants become less productive and more prone to disease.

**Solargreen** repairs chlorophyll to provide renewed plant vigour, higher resistance to disease, and greater crop quality and yield.



For the many occasions when plants need to fully utilise the energy of the Sun for growth, health and reproduction.

