

Nutrition in plant

(in one shot)

Nutrition can be defined as the way we take in food and use it. Our food contains various nutrients that our bodies require as living organisms. Nutrition is the fuel that drives our bodies. To utilize this fuel, we must first take in the food and then use it. This entire process is known as nutrition.

We will focus on autotrophic mode of nutrition, where green plants have the ability to prepare their own food quickly. Photosynthesis is the process by which green plants prepare their food using carbon dioxide and water in the presence of chlorophyll and sunlight to produce glucose. The raw material required for photosynthesis is water. During the process, carbon dioxide and water combine in the presence of sunlight and chlorophyll to form glucose, whose chemical formula is $C_6H_{12}O_6$. Oxygen is a by product of photosynthesis. Photosynthesis takes place when sunlight is present, as it is the ultimate source of energy.