

Phosphorus: How is it stored and transported?

Phosphorus is the second most abundant element in the earth's crust. It is found in many rocks, but only a small amount is available to plants. The most common source of phosphorus is phosphate rock. This rock is mined and processed into phosphate fertilizers. These fertilizers are used to grow crops and to produce animal feed. Phosphorus is also found in many minerals and is an essential element for life.

Phosphorus is stored in the soil as phosphate ions (PO_4^{3-}). These ions are taken up by plants and used for energy storage. Some plants, like legumes, have special phosphate storage structures. These structures store phosphate ions in the form of phospholipids.

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How is phosphorus stored in plants?



In plants, phosphate is stored in the form of phospholipids.



Phospholipids are stored in the form of phospholipids.

1. What is phosphorus?

2. How is phosphorus stored in plants?

3. How is phosphorus stored in the soil?

As _____, _____

4. How is phosphorus stored in the soil?
