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## **How Do Plants Access Nutrients?**

### Passive Absorption:

Nutrients can be passively absorbed into the roots from dissolved minerals in soil water. This process can take place through osmosis, capillary action, diffusion or aquaporins.

### Mycorrhizal Connections:

Nutrients can be obtained via mycorrhizal associations. A symbiotic relationship is created where the plant feeds the fungi with root exudates and the fungi provide the nutrients back to the plant.

### The Rhizophagy Cycle:

Nutrients gained through the rhizophagy cycle (oxidatively extracted from soil microbes within root cells).