

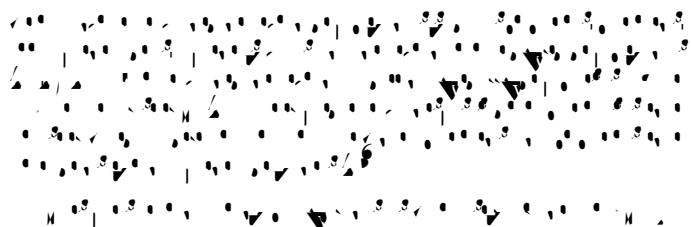
Urgency to Understand Nitrogen Metabolism in Organic Agriculture

Keywords:

Need to Understand Nitrogen Use Efficiency in Organic Agriculture

Organic agriculture is a system of production that excludes the use of synthetic fertilizers and pesticides. It relies on natural processes and biological control to manage pests and diseases. Nitrogen is a key nutrient required for plant growth, and its availability is often a limiting factor in organic agriculture. Understanding the dynamics of nitrogen metabolism in organic systems is crucial for developing effective management strategies. This article highlights the need to understand nitrogen use efficiency in organic agriculture and discusses some of the challenges and opportunities in this field.

Nitrogen is a critical nutrient for crop growth, and its availability is often a limiting factor in organic agriculture. In organic systems, nitrogen is primarily supplied through biological sources such as legumes, green manure crops, and compost. While these sources provide a steady supply of nitrogen, their efficiency can vary depending on soil conditions and management practices. Understanding the dynamics of nitrogen metabolism in organic systems is essential for developing effective management strategies. This article reviews the current state of knowledge in organic nitrogen management and identifies areas for future research.





Evidence for 2 transport channels with ascertainable affinities for aminoacids.

specificity of amino-acid-uptake by the duckweed *Spirodela polyrhiza*

- Characterization and physiological significance. Plant Cell and Environment