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The Metabolic Roles of Free Amino Acids during Seed Development

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Highlights

- Amino acids play pivotal roles in seeds during their development
- The pools of free and total amino acids vary in different stages of seed development
- The biosynthetic pathways of amino acids in seeds are tightly regulated by metabolic networks
- Altered levels of amino acids can greatly affect seed physiology and behavior

Abstract

Amino acids play vital roles in the central metabolism of seeds. They are primarily utilized for the synthesis of seed-storage proteins, but also serve as precursors for the biosynthesis of

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