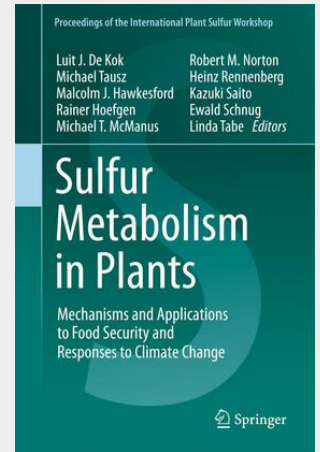


## Sulfur Metabolism in Plants

Mechanisms and Applications to Food Security and Responses to Climate Change

This proceedings volume contains the invited and a selection of the contributed papers of the 8th International Workshop on Sulfur Metabolism in Higher Plants, which was held at Department of Forest and Ecosystem Science, University of Melbourne, Water Street, Creswick, Victoria 3363, Australia from November 22-27, 2010. Content of the volume shows that the understanding of sulfur metabolism in plants and the interaction of the environment are rapidly progressing. This volume covers various aspects of the regulation of sulfate uptake and assimilation in plants, from a cellular to a whole plant level, and additionally emphasizes interactions with other minerals. Moreover the significance of sulfur metabolism in biotic and abiotic stress responses, in food security and quality, and in relation to interactions with global change factors is discussed in detail.

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**213,99 €**

199,99 € (zzgl. MwSt.)

*Lieferfrist: bis zu 10 Tage*

**Artikelnummer:** 9789400744493

**Medium:** Buch

**ISBN:** 978-94-007-4449-3

**Verlag:** Springer Netherlands

**Erscheinungstermin:** 22.06.2012

**Sprache(n):** Englisch

**Auflage:** 2012

**Serie:** Proceedings of the International Plant Sulfur Workshop

**Produktform:** Gebunden

**Gewicht:** 612 g

**Seiten:** 284

**Format (B x H):** 160 x 241 mm

