Sharma / Datta

Soil Acidity

Management Options for Higher Crop Productivity

The book on acid soils offers a thorough analysis of the degree of soil acidity at the global level, information on the biota, chemistry, and behaviour of acid soils, as well as the mechanisms by which plants tolerate soil acidity. It also offers crop management strategies that make effective use of amendments and acid soil-specific crop management practices. Crop output, forest health, and aquatic life all suffer from acidic soil. The main causes are the toxicity of aluminium (Al) and/or manganese (Mn), as well as the deficiencies of calcium (Ca), magnesium (Mg), phosphorus (P), and molybdenum (Mo), to a lesser extent. Lack of calcium affects the health and integrity of cells, which lowers agricultural yield and quality. To achieve the highest crop productivity, management options have been provided. All concerned will find this book of great assistance in solving the global food crisis in a sustainable manner.

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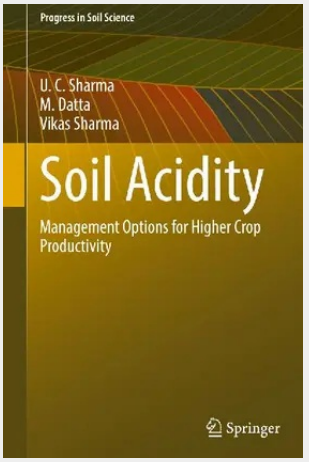

213,99 €
199,99 € (zzgl. MwSt.)

Lieferfrist: bis zu 10 Tage

Artikelnummer: 9783031763564
Medium: Buch
ISBN: 978-3-031-76356-4
Verlag: Springer
Erscheinungstermin: 22.01.2025
Sprache(n): Englisch
Auflage: 2025
Serie: Progress in Soil Science
Produktform: Gebunden
Gewicht: 1078 g
Seiten: 586
Format (B x H): 160 x 241 mm