1. Record Nr. UNINA9910765537503321 Agricultural Waste - New Insights / / edited by Fiaz Ahmad, **Titolo** Muhammad Sultan Pubbl/distr/stampa London:,:IntechOpen,,2023 **ISBN** 1-80356-966-2 Descrizione fisica 1 online resource (214 pages) Disciplina 628,746 Soggetti Agricultural wastes Agricultural wastes - Environmental aspects Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Nota di contenuto 1. Crop Residue Collection and Handing Machinery Performance: A Review -- 2. Food Wastage Footprint, Food Security, Environment and Economic Growth Nexus in Developing Countries -- 3. In Situ and Ex Situ Agricultural Waste Management System -- 4. Nutrient Supplying Potential of Crop Residues in Indian Agriculture -- 5. Agro-Industrial Waste Management: The Circular and Bioeconomic Perspective -- 6. Crop Residue Burning in India: Potential Solutions -- 7. Recovery and Characterization of Astaxanthin Complex from Prawn Waste Extract and Its Separation Using Antisolvent Precipitation Technique -- 8. Activated Charcoal: A Novel Utility Product for Enhanced Animal Health and Production from Agricultural Wastes (Pig Dung and Palm Oil Wastes) --9. Vermiconversion of Textile Industrial Sludge: Waste Management and Nutrients Recycling. Sommario/riassunto Agricultural waste can be a source of energy, fertilizer, and other inputs at farm and industrial levels. Handling and managing agricultural waste are challenging tasks worldwide, especially in the context of environmental pollution control and sustainable agriculture. Thus, efficient management in terms of reuse, recycling, and reduction of agricultural waste is principally needed not only for the green economy but also for farmers' profitability. Agricultural Waste - New Insights provides an understanding of agricultural waste production

and management, discussing crop residue, biodegradables, biomass,

composting and vermiculture, agricultural waste economics, air

pollution, environmental safety, waste management and handling, onfarm waste reuse, and agricultural waste value addition. It provides key aspects of emerging technologies and their applications in the domain of agriculture waste management.