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Physical Modification of Organic Matter and Nutrients during Anaerobic Digestion -- 5.2.4 From Digestate to Renewable Fertilizers -- 5.2.4.1 NFertilizer from the LF of Digestate -- 5.2.4.2 Organic Fertilizer from the SF of Digestate -- 5.2.5 Environmental Safety and Health Protection Using Digestate -- 5.2.6 Conclusion -- 5.2.6 References.
Chapter 5.3 Nutrients and Plant Hormones in Anaerobic Digestates: Characterization and Land Application.

Sommario/riassunto

"As part of the move towards a bio-based economy, it is important to recycle the valuable nutrients that currently end up in waste streams. Nutrient resources are depleting and significant amounts of fossil energy are required for the production of synthetic fertilizers, but waste streams including agricultural waste, wastewater/sewage and municipal waste are significant sources of nutrients. The production of biogas through anaerobic digestion also produces nutrient-rich digestates, which have the potential for use as green fertilizers in agriculture"--