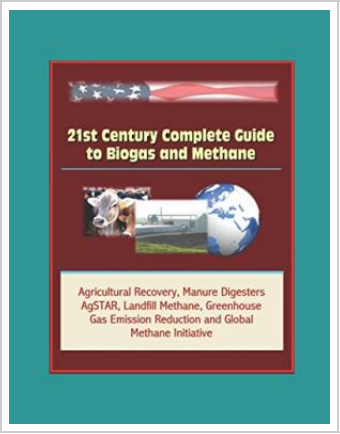

21st Century Complete Guide to Biogas and Methane: Agricultural Recovery, Manure Digesters, AgSTAR, Landfill Methane, Greenhouse Gas Emission Reduction and Global Methane Initiative (Paperback)

By Department of Agriculture (Usda), Environmental Protection Agency (EPA), U S Government

Independently Published, United States, 2017. Paperback. Condition: New. Language: English. Brand new Book. This unique compilation provides comprehensive coverage of all aspects of biogas, methane, farm recovery processes, manure digesters and processing, the AgSTAR program, landfill methane gas, and the Global Methane Initiative. AgSTAR is focused on livestock producers (typically swine and dairy farms) for implementing methane recovery systems appropriate for confined livestock facilities that handle liquid or slurry manure. Gas recovery systems and digester technologies may provide enhanced environmental (air and water) and financial performance when compared to traditional waste management systems such as manure storages and lagoons. When livestock manure that is handled as a liquid or slurry decomposes anaerobically (without the presence of oxygen), it produces biogas. In waste management systems that are designed for treatment, such as digesters and anaerobic lagoons, biogas consists of about 60 to 70% methane and 30 to 40% carbon dioxide. When these gases are collected and transmitted to a combustion device, such as an electric generator, boiler, or absorption cooler, energy is produced. The captured biogas, which is 60 to 70 percent methane, can be used to generate electricity or replace fossil fuels for other energy needs. Municipal solid waste (MSW)...

Reviews

Extensive guide! Its such a excellent read. This can be for anyone who statte that there was not a worth looking at. I am just effortlessly will get a satisfaction of looking at a written publication.

-- ***Melvin Hettinger***

This book will not be effortless to start on reading through but very exciting to learn. It is amongst the most remarkable book i have got go through. Once you begin to read the book, it is extremely difficult to leave it before concluding.

-- ***Dr. Easton Collier DVM***