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**Nota di contenuto**

Book Cover; Title; Contents; Preface; A review of COST Project 681 Treatment and use of organic sludges and liquid agricultural wastes'; A review of work of the FAO Sub-network 2: the reduction of odours in animal production; Odour problems related to waste water and sludge treatment; Agricultural problems related to odour prevention and control; Odour research and ammonia volatilisation; Ammonia loss from grassland systems; Sampling of odorous air for olfactometric measurement; Standardization of olfactometric measurements Selection and treatment of panelists for determination of odor thresholdsVDI guidelines on odour problems; An established system for odour detection threshold measurements; Guideline for olfactometric measurements in The Netherlands: comparison with Western European guidelines; French Tentative Standard X-43-101: Method of measurements of the odour of a gaseous effluent. Comments on interpretations made by Messrs Hartung, Voorburg and Hangartner; Experiences with olfactometric measurements in Norway; Limitations imposed on olfactometric measurements by the human factor Experiences with transportable olfactometersDispersion models for emissions from agricultural sources; Experiences with olfactometers; Physical calibration of olfactometric measurements; Developments in the assessment of odours from sludges; Odour concentration and odour annoyance; Comparison of olfactometric odour measurement and chemical odour measurement; Treatment of livestock manure: air drying and composting poultry manure; The effect of insulating broiler house floors on odour emission; Use of peat as litter for milking cows; Covering manure storing tanks to control odour Machinery spreading: soil injection as a barrier to odour dispersionSwedish experiences with soil injection; Separation as a method of manure handling and odours reduction in pig buildings; Measurements of the olfactometric efficiency of various odour control devices in rendering plants; The effects of weather on odour dispersion from livestock buildings and from fields; Design and use of biofilters for livestock buildings; Experience in the use of biofilters; Design and experience obtained with bioscrubbers; Aeration of pig slurry to control odours and to reduce nitrogen levels Oxygen requirements for controlling odours from pig slurry by aerationAeration and odour control by heterotrophic and autotrophic microorganisms; Identification of volatile components in headspace from animal slurries; Odours at water reclamation works; BOD5, TOA and odour offensiveness; Dust in livestock buildings as a carrier of odours; Dust concentrations in pig buildings; Large-scale biogas plants in Hungary; Anaerobic digestion to control odours; The bio-gas project in Emilia-Romagna (Italy); The bio-gas project in Emilia-Romagna (Italy): first results of five full scale plants Farm experiments of anaerobic digestion to control odours from slurry

**Sommario/riassunto**

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