

Compostage de la phase solide issue d'un racleur en « V » installé dans une porcherie d'engraissement

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Composting of manure solid fraction in a grow-finish pig unit equipped with a "V-shaped" manure scraper

A "V-shaped" scraper was tested in a grow-finish unit of the Guernévez station. The aim of this study was to determine whether the solid fraction delivered by the "V-shaped" Prolap scraper could be composted. The compact and dense nature of the manure necessitated addition of a structural agent (i.e. straw) to promote fermentation. Two straw incorporation rates were tested: 5% and 2%. The two incorporation rates led to similar results in terms of physicochemical properties of the products. In both situations, the finished product conformed to the "organic fertilizer" norm, which underscored its suitability for the marketplace.