



RECUPERO DI RIFIUTI DELL'INDUSTRIA AGROALIMENTARE MEDIANTE PRODUZIONE DI BIOMASSE: IL CASO DELLA BLACK SOLDIER FLY

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Abstract

La gestione dei rifiuti solidi urbani è considerata uno dei problemi ambientali più immediati e gravi che le amministrazioni dei Paesi a basso e medio reddito devono affrontare. La gravità di questa sfida è destinata ad aumentare in futuro, data la tendenza alla rapida urbanizzazione e alla crescita della popolazione. Gli esperti in materia di rifiuti sono chiamati a sviluppare metodi più sostenibili di gestione dei rifiuti urbani che abbraccino il concetto di economia circolare. Un approccio abbastanza innovativo per la conversione dei rifiuti organici è quello di utilizzare le larve della Black Soldier Fly. Le larve della BSF sono dunque capaci di crescere di dimensioni nutrendosi di questi composti organici, andando a diminuire il quantitativo di residui da smaltire. Una volta raggiunte le dimensioni ottimali le larve della BSF possono essere processate per poi essere utilizzate come mangime alternativo per pollame e pesci.

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