



Investigation and selection of suitable bedding for vermicompost from animal manure

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Today, any kinds of wastes are known as environmental pollutants. Transformation of wastes to compost and their use as organic fertilizer for agricultural purposes is an efficient and appropriate application of wastes. During vermicomposting process, red worms perform a major role in material decay and production of a soil with natural nutrients. Agriculture, animal wastes and any other kinds of waste materials are used by red worms and the materials produced are called vermicompost. One of the most important specifications of vermicompost is its adaptation with natural recycling of materials. The purpose of this research was choosing the best ratio of soil and cow manure for vermicompost production. This study was performed for 80 days. The results showed the best mixing ratio was 1:2 soil and cow manure for optimum vermicompost production.

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