

ICAR – Central Sheep and Wool Research Institute

Avikanagar, Rajasthan

Swachcha Bharat Mission (SBM)

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Under Swachhta pakhwada programme, stock taking of waste utilization and compost making was carried out. Institute is having three compost making sectors namely organic waste compost unit, wool waste bio compost unit and a new compost unit that is under development at experimental animal nutrition unit. CSWRI, Avikanagar produces a huge amount of sheep manure that is regularly used for improving the productivity of the soil. In the country nearly 10 to 15% of the total wool processed goes as waste. There was a need to have efficient environment friendly wool waste disposal system to overcome the problem. Utilization of waste wool in agriculture field and safe disposal was conceptualized and initiated at Institute level at Farm section and composting has been carried out since last 5 years. Composting of waste wool, sheep manure and crop residues was carried out in ratio of 30:50:20. It is named as AVIKHAD and it is attracting a lot of users across the country due to its organic importance and utility. The waste wool based compost manure is giving better results in comparison to other compost material and very much helpful in raising indoor and outdoor ornamental plants in pots in multistory buildings, malls, corporate offices airports in metro cities. Institute is also having units for converting tree leaves, plant stalks and other organic waste into vermicomposting. Farm section and TOT division scientists and technical officer demonstrate these units to farmer and farm women during their visits to Institute.

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