



*Third National Congress of Recycling and Reuse of Renewable
Organic Resources in Agriculture*

Islamic Azad University, Khorasgan Branch (Isfahan)
Agricultural Faculty, Waste and Wastewater Research Center
13-15 May 2008



Bio compost production from low value agricultural wastes

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One of the most important issues to reach the sustainable development, particularly in countries whose economy is based on agriculture is to move towards the sustainable agriculture. According to 22 millions people living in the rural area, where most of the population's income is based on agriculture, the importance of sustainable agriculture and its effect on rural development is obvious. At the present, one of the most important problems in rural areas is the accumulation of wastes around their residence and the lack of proper treatment technology. Composting seems an appropriate treatment solution compared to other disposal solutions. In this paper feasibility of a bio-composting site with capacity of 20 tones per day of agricultural waste, in terms of financial and environmental aspects is studied. Producing the environmentally friendly and added value compost products in low capacities is introduced as best alternative for disposal of agricultural wastes for rural areas.

Keywords: Bio Compost, Agricultural Waste, Recycling

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