



A REVIEW

Recent ways of management and disposal of agricultural waste - A Review

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Abstract : With the development of agriculture in India, the production of agricultural wastes increased rapidly. Basically these wastes are bio products and are very important for survival of animals and human beings. The occurrence of agricultural wastes is unique in the different areas. The agricultural straw and livestock excrement are considered to be potential resources. These substances are widely available on earth and can be a good source of energy or be converted into useful products. The wastes generated from crop have a good potential to convert to energy through related energy sector. The waste produce from animal or from crop residue is called biomass which has an interdependent relationship with ecosystem from production to disposal and has physicochemical properties. The recycling and utilization of agricultural wastes are considered to be the important step in environmental protection, energy structure and agricultural development. The present review deals with the research work carried out in the conversion of biomass and agricultural waste and to illuminate the potential environmental risk, recycling and utilization pathway, influencing factors and policy suggestions in the recycling and utilization progress of agricultural wastes. An attempt is carried out to increase the economic value of agricultural waste into useful product. The survey provided the development mode of industrialization and scale of agricultural waste recycling. The recycling and utilization pathway of agricultural wastes were also analysed. The crucial suggestions may be proposed, such as cultivating new industry, building economy incentive standard, improving laws and regulations, and creating rural market strengthening medium and long-term plans of agricultural waste recycling. The resource consumption, ecological crisis and other issues caused by agricultural wastes were evaluated.

Key Words : Agriculture waste, Recycling, Resource consumption, Residue, Ecological crisis

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