

# barrel type composting

MAY 2001

## Program

### in slums & squatters settlements

Introduced by Waste Concern



Photographs in collage by: Shereaz Hossain

Waste can be a source of income for poor through

# Barrel Composting

## s t e p s



1 Community Mobilization



4 Compost being removed for maturing



2 Training



5 Income from sale/proceed of compost



3 Barrel Composting



6 Organic Farming

55% of the households in Dhaka belong to poor (absolute & hardcore) category

28% of the population of Dhaka city resides in 3007 slums and squatters settlement

22% of the poor in Dhaka city have access to municipal waste disposal facility

40 or more waste related diseases may spread due to inadequate waste management

#### Location

Slum and Squatter Settlements of Dhaka City, Bangladesh

#### Responsible Organization:

Waste Concern

#### Project Partners:

Community groups and Waste Concern

#### Financing

Seed money from UNDP's LIFE Program, Oxfam-UK

#### Beneficiaries

Slum dwellers of Dhaka city are directly benefited from the project.

#### Project period

Since 1997 ongoing

#### Issues Addressed:

Solid waste management, recycling, public awareness and participation and marketing of compost and recyclables.

#### Project Activity

Under this project, a specially designed 200 liter prefabricated green colored barrel is supplied to the slum dwellers. One green barrel is provided to a group of six households and placed on a raised base with concrete legs. The cost of each specially designed barrel along with the soil wall was around Tk. 1000 (\$ \$200). The slum dwellers were motivated with training and motivated to dispose their kitchen waste into the green barrel. Waste decomposed naturally into compost in three months time period. Slum dwellers are motivated to dispose their organic waste in the yellow barrel provided by Waste Concern which is subsequently carried to nearby DCC dumpsters, for final disposal. It was found that from a one 200 liter barrel compost worth between Tk. 1000-1500 (\$ \$ 20-25) can be produced each year. The households sharing the barrel can also share the income from sale/proceed of the compost. This model is successful in achieving a behavioral change by minimizing the flow of waste in the slum.

#### Contact address

House - 2/1b  
Road - 7  
Block - 9  
Banani model town  
Dhaka - 1213  
Bangladesh

WASTE CONCERN

Reduce Reuse Recycle Recover  
Concept: All India Waste Concern & Health Development

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