

Compost Pits Program

Supported By:



As part of the program, we have constructed around 250 compost pits in the program area. Each compost pit has a capacity to produce around 1 ton of compost in 90 days time.

The Compost prepared in these pits is used as natural / organic fertilizer in the Cotton fields by the farmers, which will reduce the use of harmful chemical fertilizers.

As these compost pits utilizes the organic waste generated by the villagers, indirectly it helps in reducing the environmental pollution, which would have caused by this waste matter.

Also this saves enormous amount spent on the fertilizers by the farmers, thus helping him to reduce the cost of cultivation.

This compost increases the biodiversity of the soil to an large extent thus helping to mitigate the climate change effect to some extent.

S.No.	Details	Quantity
1	No. of Compost pits constructed	250
2	Capacity of each pit	1 Ton in 90 days
3	Number of compost cycles in one year	4 Cycles per year
4	Total output from one pit in 1 yr	4 Tons
5	Total output from 250 pits in 1 yr	Around 1,000 Tons/ year
6	Total output from 250 pits in 4 yr	Around 4000 Tons
7	Total money saved on purchase of fertilizers	Approx Rs. 50,00,000
8	Income generation activities for the local masons for the construction of Compost Pits	Rs. 3000 / pit
9	Total income generated from the construction of Compost Pits for the local masons	Rs. 7,50,000/-
10	Total organic waste converted to Compost per cycle from 1 pit	1.5 Ton per cycle
11	Total organic waste converted to Compost in the project from 250 pits	Around 6000 Tons

Hence we can say, approx 4000 tons Compost got into the soil, which in other words, have avoided same amount of chemical fertilizer being getting into the soil in the project area.