



Consolation Award

Cow Dung Collecting Machine

Mohan Mukтажi Lamb
Beed, Maharashtra

Mohan (45) has studied up to 10th standard but is science and technology enthusiast with an interest in machines. He observes the problems faced by farmers and tries to solve them. Earlier, he developed an improved knapsack sprayer, for which he was awarded by NIF in its 7th National Biennial Award Function (2013).

Once during a visit to a dairy farm he observed the hesitation of labourers in picking and collecting cow dung by hand. While interacting with the dairy farmer, he came to know that there was always shortage of manpower due to the nature of

work involved. This motivated Mohan to work on developing a machine to pick and collect cow dung without any physical contact.

Mohan developed his first prototype in 2015, which got further modified based on the feedback till the final model developed in 2018. The cow dung collecting machine has a 0.5hp dc-g geared motor, battery, picking and conveying trays, collector, caster wheels, etc. It can work with AC geared motor also. It has a working width of 45 cm and a capacity of 8 kg/min. It costs Rs. 12,000 (with battery).

