



SUGARCANE BUD CHIPPER

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INNOVATOR

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PROBLEM ADDRESSED

This is a grafting tool which could extract plant's bud for fresh development of bud as a new plant. It provides an ideal cut in one single punch which makes this process free from potential loss of time, money and seeds.



PRODUCT

This implement can remove buds from the sugarcane for plantation purpose to minimize losses as well as time, money and seeds. By pressing the handle, the unit removes the bud from the node of the sugarcane, which is then used for planting.

TECHNICAL DETAILS

- The device includes a hemispheric knife actuated by a hand operated lever.
- One can chip 250 buds/hr (average). The experienced labor can even chip 400 buds/hr.

SALIENT FEATURES

- Portable, durable and Easy to use
- Low cost
- One can easily transport seed from various place
- Due to this technology, the sugarcane buds can be pretested before sowing.
- It reduces cost of plantation by over 90%.
- Extract is a perfect bud with a U shape cut on the sugarcane.

AWARDS AND RECOGNITION

Innovator has won consolation award in NIF's Fifth National Biennial Grassroots technological Innovations and Traditional Knowledge Awards, 2009.

