



SEED CUM FERTILIZER DIBBLER

Patent Application No.: 4089/MUM/2013

INNOVATOR

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PROBLEM ADDRESSED

Sowing of seed is one of the most important farm operations and if not done properly and at the right time, this may affect the yield drastically. Farmers adopt different methods to ensure the proper sowing. Rich farmers may opt for tractor or animal operated seed drill for speedy operations whereas poor farmers, who cannot afford them, sow seeds manually. During manual sowing, traditionally, a hole is made in the land, seed is placed and then the hole is covered by soil. This has to be done either by sitting or bending down, which becomes painful (often leads to back pain) & time consuming for farmers as there are hundreds of such seeds to be placed in the soil.



PRODUCT

Seed Dibbler consists of a hollow pipe acting as a seed tube, having arrow shaped soil opener at its lower end, and is connected with a seed/fertilizer container at upper end using flexible pipes. The seed tube houses a metal rod with spring that can be pushed or pulled at standing position using a hand lever. This allows seed aperture to drop seed(s) through the soil opener when needed. Thus, sowing/gap filling can be done by first penetrating the ground with help of the arrow-end and then pulling the lever to drop seed(s) after the hole is dug and the ground is impregnated with seed, the hole can be covered with a gentle tap by the leg.

TECHNICAL DETAILS

It has a hollow metal pipe connected with arrow shaped iron strip, flexible pipe, seed/fertilizer container and mechanism for permitting the seed/fertilizer to drop out.

SALIENT FEATURES

- Makes the operation easy, efficient by saving time and reducing labor cost.
- Due to uniform sowing, it increases the probability of germination.
- Avoid wastage of seeds and fertilizers.
- Due to its simple structure, it can be repaired easily.
- Low cost when compared with other options available.

