

ROTARY DIBBLER

Utility

The rotary dibbler is a manually operated push type device for dibbling of medium and bold size seeds. It consists of a rotating dibbling head with penetrating jaws, covering-cum-transport wheel, seed hopper with cell type wooden roller and a handle. Except seed roller, which is made of good quality wood, all the other parts are fabricated from mild steel. The number of jaws varies from five to eight among various designs, depending upon seed to seed distance. For its operation, the hopper is filled with seeds and transport-cum covering wheel is drawn to rear side. The dibbler is then pushed forward in the direction of travel with covering cum transport wheel behind the dibbling head. The jaws penetrate into the soil and automatically drop the seeds. The seed to seed distance depends upon size of the polygon plate to which jaws are attached.



Specification and working features		
Seed metering	:	Cell type wooden roller, six cells
Weight, kg	:	21.5
Seed placement device	:	Jaw type
Jaw spacing, mm	:	225
Capacity (ha/day)	:	0.6 to 1.027
Labour requirement, man-h/ha	:	27

Design: ICAR-CIAE, Bhopal

Commercialization Status: Ready for Commercialization

Proposed stakeholders: Farmers, Manufacturers

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