

4 - Row Women Friendly Direct Paddy Seeder

Utility

The ergonomically-refined improved direct paddy seeder consists of two numbers of seed hoppers, a pair of ground wheels, main shaft and drums. It can sow four rows at a time.



Specification & Performance results:		
Power Source	:	Manual
Draft, N	:	95
Weight, kg	:	7.2
Working width, m	:	0.8
Speed of operation, m/s	:	0.28
Field capacity, ha/h	:	0.06
Labour requirement, man-days/ha	:	1
Cost, Rs	:	4,700/-
Cost of operation, Rs/ha	:	1,000/-

Benefits over conventional/traditional practices

- Total duration of crop is reduced by 10-15 days.
- About 40% saving in seed rate and 90% saving in cost and time compared to traditional transplanting method.

Design: ICAR-CIAE, Bhopal

Commercialization Status: Commercialized

Contact:

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