

Tractor Operated 6-Row Inclined Plate Planter

Utility

It is tractor drawn equipment suitable for planting groundnut, gram, soybean, mustard etc. Row to row distance can be controlled and planting of different seeds in different rows is possible.



Specification & Performance results:		
Power Source, kW	:	26 kW tractor
Number of rows, No.	:	6 (250 to 450mm)
Seed Metering	:	Inclined plates with cells
Fertilizer metering	:	Cast Iron/ Aluminium fluted rollers
Labour requirement, man-days/ha	:	0.5-1.25
Field capacity, ha/h	:	0.45 to 0.65
Field efficiency, %	:	70-75
Cost of equipment, Rs	:	46,000/-
Cost of operation, Rs/ha	:	800-900/-

Benefits over conventional/traditional practices

- Use of planter results in saving of seed (up to 20%) and timely completion of operation.
- Uniform and accurate placement of seed with the use of planter also results in 20% increase in productivity.

Design: ICAR-CIAE, Bhopal

Commercialization Status: Commercialized

Contact:

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