

## Multi-crop Plot Thresher

### Utility

It is suitable for threshing small samples of wheat, gram, sorghum, soybean, safflower, pigeon pea and pearl millet under field experiments.

### Features

It consists of a spike tooth cylinder, concave, aspirator blower and sieve shaker. It is useful for precision threshing of samples in field experiments. The capacity of this equipment is 3-4 times higher over manual method of threshing crop samples. The machine has provision for cleaning the threshing and cleaning chambers after threshing one sample, which helps in avoiding the mixing of various samples of different varieties.



Specification and Performance		
Power source	:	1hp electric motor
Weight	:	120
Type of cylinder	:	Spike tooth closed drum
Cylinder size, mm	:	Dia-250, L-250
Output capacity, q/h	:	15-30
Threshing eff.,	:	98.0-99.5
Grain recovery,	:	88-94
Broken grain, %	:	< 1

**Design:** ICAR-CIAE, Bhopal

**Commercialization Status:** Commercialized

**Proposed stakeholders:** Farmers, Custom Hiring Centre operators etc.

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