

## Self-Propelled Power Weeder

### Utility

It is suitable for weeding operation in line sown upland crops under dry condition. It consists of a main frame, chassis and gear box, handle, hitch, attachment for weeding tines, and wheels. It is powered by 2.25 kW petrol start kerosene run engine. Weeding sweeps are attached to the tool bar through clamps and spacing between the tines can be adjusted. The unit has been provided with steel lugged wheels and their position also can be adjusted to match the crop row spacing.



Specifications & Performance results	
Power source, kW	: 2.25 kW petrol start kerosene run engine
Weight, kg	: 100
Cost, Rs	: 75,000/-
Field capacity, ha/h	: 0.10-0.15
Field efficiency, %	: 60-70
Weeding efficiency, %	: 65
Fuel Consumption, l/h	: 0.70
Cost of operation, Rs/h	: 125/-

### Benefits over conventional/traditional practices

- Saves 90% time and 30% in cost of operation compared to manual weeding using khurpi.
- Reduces drudgery in weeding operation.

**Design:** ICAR-CIAE, Bhopal

**Commercialization Status:** Commercialized

### Contact:

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