



## Manual Naveen Sickle

### Utility

A serrated blade sickle is suitable for harvesting wheat, rice and grasses etc. Material used for blade is C-50 grade high carbon steel which is wear resistant and gives longer life. Serrations are made in such a way that the blade can be sharpened and serrations can be reused when the blade get blunt.



### Specifications & Performance results

Labour requirement, man-h/ ha	:	80
Field capacity, ha/ h	:	0.018

### Benefits over conventional/traditional practices

- It saves 26% labour and operating time as well as saves 27% cost of operation compared to harvesting by local sickle.
- Longer life of blade and serrations.

**Design:** ICAR-CIAE, Bhopal

**Commercialization Status:** Commercialized

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