

Machine For Green Gram Pod Thresher

KVK Name: Banka

Name: Mr. Ashok Manjhi, Village: Amarpur

Age: 67

Gender: Male

Education: Intermediate

Farming experience: 13

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District: Banka, State: Bihar

**Brief about innovation:**

Innovative compact lightweight moong thresher machine using jugaad engineering. The device features a 1 HP motor, two bearings, a belt, and a shaft, weighing just 30 kg and costing about ₹5,000 to make it. The machine has working capacity 80 kg of moong per hour and operate by electricity. Green gram pods are fed through inlet (at one end) and de-husked grains come from the outlet at the rear. This thresher works with dried and undried pods and significantly reducing field wastage. As a result, it preserves quality, minimizes waste, and boosts returns for smallholder farmers

Specification/utility:

This innovative machine enables threshing of up to 80 kg of moong grains per hour which is not achievable through manual methods. Moreover, it eliminates the need for pre-drying the moong pods. After threshing, sun-dry the moong grains as needed.

Photographs: