

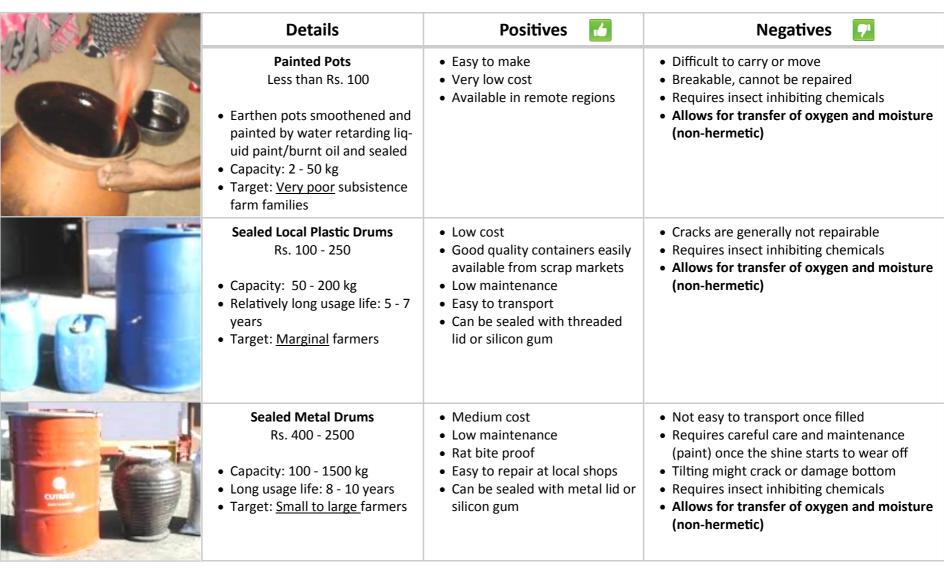






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## **Post-Harvest Technologies: Storage Options**







• Capacity: 60 kg

Hermetic storage

farmers

material

available)

age such as plastic or jute sacks

• Medium usage life: 2 - 3 years

**Hermetic Cocoon** 

Rs. 25,000

• Light weight UV resistant PVC

• Capacity: 1000 kg (capacities

• Long usage life: 10 - 15 years • Target: All types of farmers

from 1 - 10,000 tons are

Target: Small to medium





## **Post-Harvest Technologies: Storage Options**





Details	Positives
<b>Super Bag</b> Rs. 85	<ul> <li>Does not require insect inhibiting chemi- cals. Removes threat from insects with- out use of chemicals or fumigants</li> </ul>
<ul> <li>Hermetic storage</li> <li>Food - grade polythene bag with gas barrier coating</li> </ul>	<ul> <li>Lowers oxygen content. Insects and micro- organisms consume up oxygen till it is de- pleted and then die or become inactive</li> </ul>
• Used as liner in traditional stor-	<ul> <li>Maintains moisture content, no reabsorp-</li> </ul>

- tion of moisture from ambient air • Retains seed germination potential and
- vigour
- Rats are not able to smell stored grains
- Can be used to store seeds or grains of cereals (paddy, wheat, maize), pulses (lentils, mung), peanuts, sorghum, soya bean and other agriculture commodities dried to recommended moisture percentage before storage
- For cocoons:
  - Rodent resistant design
  - Is repairable if punctured
  - Higher capacity for providing contract services

- Cannot be repaired if punctured
- Requires training for safe handling

**Negatives** 

- Requires a platform as base
- Requires protection from sun and against pilferage

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