

PROFORMA FOR SUBMISSION OF INFORMATION ON TECHNOLOGIES DEVELOPED

1. Name of Machinery/ Product/ Variety, developed: **Pull & Cut Type Fruit Harvester**
2. Application/ Use (Maximum 2 line): **For harvesting fruits like oranges.**
3. Description/ Features of the Machinery/ Product/ Variety developed along with one good coloured photograph (Maximum 100 words):



Pull & Cut Type Fruit Harvester

This device employs scissors mechanism for shear cutting of fruit stems. Carbon steel blades can be mounted at different angles e.g., horizontal, vertical and inclined. The blades are activated by pulling a cord over a pulley fitted on one of the blade handles. A cloth conveyer over a steel ring just below the blades helps in collecting fruits after cutting avoiding impact damage due to free fall.

4. Input (Equipment/! plant and machinery/ raw material/land/investment/ man power/ power needed: **Single Person**
5. Output capacity: **200 - 300 fruits/h**
6. Specific benefits and impact: **The device is useful for single fruit plucking.**
7. Unit cost: **Rs. 400/-**