

PROFORMA FOR SUBMISSION OF INFORMATION ON TECHNOLOGIES DEVELOPED

1. Name of Machinery/ Product/ Variety, developed: Preservation of boar sperm
2. Application/ Use (Maximum 2 line): **For artificial insemination in pigs**
3. Description/ Features of the Machinery/ Product/ Variety developed along with one good coloured photograph (Maximum 100 words):
Collection of sperm rich ejaculate through gloved hand method, evaluation, dilution in suitable extender, packaging of liquid semen and preservation in 18 to 20 °C. Progressive motility of sperm remains 50 percent till 4 days.



4. Input (Equipment/! plant and machinery/ raw material/land/investment/ man power/ power needed: **Dummy sow, Collection thermos, non-spermicidal collection gloves, Chemicals, pouch making machine , polythene pouch, AI catheter etc.**
5. Output capacity: **100 -150 doses per boar per week.**
6. Specific benefits and impact: **Quickest, easiest and most economic method of breeding.**
7. Unit cost: **Cost of A.I. Rs. 50/ per dose including disposable golden catheter.**