

Artificial Insemination Technology in Pig

Selection of Boar:

1. Boar must be healthy
2. Free from any venereal or hereditary diseases.



Collection of Semen from Boar

3. Good body confirmation
4. Must be selected on the basis of progeny testing and pedigree record.



Semen Evaluation and Dilution



Packaging and Storage of Semen



Insemination in Female Pig

Tips for A.I. :

1. Best time of A.I. is 10-25 hrs after onset of estrus
2. Each A.I. dose should contain 3-4 billion sperms
3. 80-100 ml diluted semen is needed for each A.I.
4. 15% higher conception rate is obtained with double insemination



Piglets born after A.I.