





How to ensure that your AI (Artificial insemination) technician is providing a proper AI service?

Animal Breeding Group, NDDB, Anand

Following are the checkpoints for the farmers to ensure that the Artificial insemination technician (AIT) is delivering a satisfactory AI service delivery:

Do's	
<ol style="list-style-type: none">1. Ensure that the AI service delivery is made available at your doorstep.	 <p>AIT should carry semen doses in FS container to your doorstep</p>
<ol style="list-style-type: none">2. Ensure that the AIT carries semen doses to your doorstep in a frozen semen (FS) container filled with sufficient Liquid nitrogen.3. Ensure that, before taking semen doses from container and thawing it, the AIT examines your animal and identify whether the animal is in heat or not.	 <p>AIT must examine the animal for heat before taking out semen doses from FS container</p>
<ol style="list-style-type: none">4. Discuss with the AIT and choose the semen of the best bull available with the AIT depending upon pedigree details and state breeding policy.5. Ensure that the AIT uses a pre cooled forceps to take out the semen dose from the FS container.	 <p>Thawing of semen doses should be done at proper temperature</p>
<ol style="list-style-type: none">6. Ensure that the AIT checks the temperature of water with thermometer/ thaw monitor before thawing of semen dose. Thawing should be done in 37°C temperature for 30 seconds.7. Ensure that the AIT checks the semen dose for breed and bull number and confirms the same to you before loading it in AI gun.	 <p>AIT should check the detail of the straw before loading it in the AI gun</p>
<ol style="list-style-type: none">8. If your animal is not ear tagged, request the AIT to apply an ear tag and ensure that she/ he records the details of the AI in register/ computer.9. The AIT should handle the animal gently during the whole AI operation.10. AIT should properly dispose the used straw, sheath, gloves etc.11. AIT should issue a receipt/ bill for the AI charges with date, bull no., batch no. etc.	

Don'ts

1. Avoid taking your animal to AI centres to avoid unnecessary stress to the animals.
2. Ensure that the AIT does not carry semen doses in any other manner like in thermos flasks, plastic packets, shirt pocket, plastic tubes (Pens) etc.
3. See that while taking out semen dose from the container, the AIT does not lift the canisters containing semen doses beyond neck level of the FS container (not above the frost line).
4. Confirm that there is no delay between taking out of the semen dose and putting it in warm water for thawing.
5. The AIT should not perform AI without discussing the availability of particular semen doses with farmer and seeking his consent to use it on his/ her animal.
6. AIT should not do rectal palpation without wearing arm length gloves and without proper restraining of animal.



AIT should not do AI without wearing shoulder length gloves



AI should not be performed without confirming the proper stage of estrus



No ear tagging, No AI