

**THE ACTIVITIES OF THE ARTIFICIAL INSEMINATION LABORATORY OF  
THE LALAHAN LIVESTOCK CENTRAL RESEARCH INSTITUTE BETWEEN  
1994-2004**

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The Lalahan Livestock Central Research Institute has the mission of increasing the productivity level of animal farming throughout the country. In order to carry out its goals, the institute has been doing researches to obtain data and then to evaluate those data. It also helps the other institutes improve their laboratory conditions and have some facilities for doing their own researches. It was established to provide the proper conditions to use biotechnology in animal researches, and to improve the methods in artificial insemination, and to provide the institutes with necessary literatures which gives the information to in-service training and educational courses by the publication of those literatures. The departments of biotechnology and physiology (Artificial Insemination Laboratory and Embryo Transfer&VF Laboratory) have been working very hard to achieve the goals of the institute as well as the other departments of the institute.

The artificial insemination laboratory started to work producing diluted fresh semen in 1968, and in 1973 it started the practice of freezing semen, and in 1975 it started producing semen frozen in liqued nitrogen vapour.

This laboratory where the new artificial insemination techniques are investigated and regularly transports sperms to every part of Turkey each month and has the stocks of frozen sperms of Holstein, Brown-Swiss, Simmental, Charolaise, Jersey, Brangus, Piemontose, Chianina, Limousine breed bulls. Furthermore, it is planning to produce frozen semen from Murrah and Anatolian types buffalos.

Between 1994 and 2003, 2.875.937 doses Holstein, 1.354.760 doses of Brown-Swiss and 1.345.578 doses of Simmental types of frozen semen were produced. During those years 797 veterinary and 516 veterinary health technicians attended an artificial insemination course and got a certificate from this training programme.

**Key words:** Artificial Insemination laboratory, semen production