

SUMMARY

In this project; the ram ejaculates were frozen in Liquid Nitrogen vapour after extended with Tris and Hepes diluents. Frozen ram semen and native semen were compared in regarding pregnancy and parturition rates in sheep which were inseminated by intra uterine laparoscopic method. The project was carried out in Lalahan Central Livestock Research Institute between 2001-2002 years.

In the inseminated sheep with Tris, Hepes extenders and native semen, pregnancy and parturition rates were determined respectively 50, 50, 55 and 45, 50, 55 %.

As a result; no significant differences were determined statistically between pregnancy and parturition rates in the sheep which were inseminated with tris, hepes extenders and native semen.