

African Journal of Agricultural Research

- [AJAR Home](#)
- [About AJAR](#)
- [Submit Manuscripts](#)
- [Instructions for Authors](#)
- [Editors](#)
- [Call For Paper](#)
- [Archive](#)
- [Email Alerts](#)

Afr. J. Agric. Res.

[Vol. 3 No. 4](#)

Viewing options:

- Abstract
- **Full text**
- [Reprint \(PDF\)](#) (160k)

Search Pubmed for articles by:

[Mustapha F Guetarni D](#)

Other links:

- [PubMed Citation](#)
- [Related articles in PubMed](#)

Related Journals

- [Journal of Cell & Animal Biology](#)
- [African Journal of Environmental Science & Technology](#)
- [Biotechnology & Molecular Biology Reviews](#)
- [African Journal of Biochemistry Research](#)
- [African Journal of Microbiology Research](#)
- [African Journal of Pure & Applied Chemistry](#)
- [African Journal of Food Science](#)
- [African Journal of Biotechnology](#)
- [African Journal of Pharmacy & Pharmacology](#)
- [African Journal of Plant Science](#)

African Journal of Agricultural Research Vol. 3 (4), pp. 320-323, April, 2008
 Available online at <http://www.academicjournals.org/AJAR>
 ISSN 1991-637X © 2008 Academic Journals

Full Length Research Paper

Production and transfer of embryos in Algerian “Cheurfa” bovine breed

Ferrouk Mustapha¹, Gharbi Ismail¹, Adel Djallal¹, Lafri Mohamed¹, Touat Kamel², Kaidi Rachid¹ and Djamel Guetarni¹

¹Faculty of Agro-Veterinary science, University Saad Dahlab of Blida, Algeria.
²Faculty of veterinary medicine, Liege, Belgium.

*Corresponding author. Email: dguetarni@yahoo.fr.

Accepted 19 February, 2008

Abstract

This work has permitted to test the response of the local cattle Cheurfa for a pFSH superovulation treatment based on administration of 40 mg pFSH (LH/FSH 40%), a rhythm of 2 injections every 12 h between J₁₀ and J₁₃ of the oestrus cycle associated to injection of prostaglandin synthesis "Prosolvin®" at the 3rd day of the treatment. Two inseminations were carried out at 12 h interval after observed oestrus. The embryos were collected at J₇. With four tests carried out, the average number of corpus luteum and collected embryos obtained were respectively 7.5 and 5 per cow. The number of transferable embryos was 2.33 per cow, with a viability rate of 46.66%. Five fresh embryos were transferred in recipients improved breed from the embryos obtained. The pregnancy rate obtained was 60. 0% with 3 born calves Cheurfa type (2 male and 1 female).

Key words: Superovulation, embryo, transfer, cattle, local.

- [Journal of Medicinal Plant Research](#)
 - [International Journal of Physical Sciences](#)
 - [Scientific Research and Essays](#)
-

[Advertise on AJAR](#) | [Terms of Use](#) | [Privacy Policy](#) | [Help](#)

© Academic Journals 2002 - 2008