

Practices of artificial insemination in cattle farms of the region of Chlef (Algeria)

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Abstract

The development of cattle breeding has always been a priority for Algeria to meet the needs of the population for animal protein. But this breeding knows a weak integration of the adopted technical models resulting in a weakness of productivities.

A survey was conducted during the period from March to May 2018 at 75 farms, comprising a total of 488 cattle. For this, the following aspects have been developed and which are the age of the breeder, the existing cattle breeds, cattle numbers held by the breeder, the condition of the buildings, season of insemination, the average age of the heifer at the onset of the first heat, the signs of heat identification, the time interval between the onset of heat and artificial insemination, numbers of inseminated VL, time of gestation diagnosis after insemination, establishment of the diagnosis of the pregnancy, the means the diagnosis of the pregnancy, the difficulties of calving, the periods of rest of the females and the rest period, the factors of success of the insemination.

It can be said that there is a weakness in the practice of artificial insemination, due to the lack of know-how among breeders for the mastery of this technique. In fact, almost half of the farms practice artificial insemination in dairy cows, while the other half practice natural breeding and are reluctant with respect to this reproductive biotechnology. As a result, breeders are far from practicing 100% of this technique.



Biography:

The author is a doctor from the Algiers National School of Agronomy, and a research professor in the animal sectors at the University of Chlef in Algeria. He has taught 17 subjects and supervised several master's and engineer's dissertations and currently supervises a doctoral thesis. He has produced several

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