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Results of female reproduction and breeding of young chinchillas depending on mother temperament

S u m m a r y

Animal temperament is a factor influencing reproduction results of fur animals. Individuals not adopted to live in farm conditions, that might results in extensive aggression and excitability, are characterized by different types of reproduction disorders. Defining the relation between reproduction results and females' behavioral features might indirectly contribute to improving chinchilla's reproduction indicators. The investigation included 3-gcnrcration population of chinchillas. Analysis were conducted on 126 litters, in which 241 offspring were obtained in total. In order to define females' temperament a modified empathy test was implemented, basing on which 4 models of female behaviour were identified (quiet females; quiet females but excitable; aggressive females; soft females). The temperament of females influenced young chinchillas breeding results and their body weight in the first week of life. In farm breeding, females which evinced extreme behavior are not desirable. Numerous litters, with simultaneously high weanlings' body weight were obtained from calm females with balanced temperament.