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**MORPHOMETRIC CHARACTERIZATION SPERM IN THREE LINES OF
RABBITS ORNAMENTS**

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ABSTRACT

Production of ornamental rabbits found a boom in the last ten years due to the demand for these pets by their phenotypic characteristics that make them attractive, however, do not have any studies where the morphometric characteristics of their sperm are evaluated. Therefore the objective of this study was to evaluate the sperm morphometry by evaluating three lines of ornamental rabbits (Dutch Dwarf, Mini Rex and Lop Lion Head). Five ejaculates were obtained from each stud, using one artificial vagina, for morphometry evaluation, a digital microscope was used; OPTISUM MIC990FT DC-M900, software Scop-Photo and observed with a 100X objective. The results in terms of total length were: Dwarf Dutch $30.56 \pm 0.025 \mu\text{m}$, Mini rex $30.50 \pm 0.22 \mu\text{m}$ and Lop Lion Head $30.22 \pm 0.39 \mu\text{m}$. We conclude that there is difference morphometric between sperm of the three lines studied ornamental rabbits.

Keywords: morphometry, sperm, ornamental rabbits.