

**MD.80.**

<b>Title</b>	<b>Procedures for stimulating spermatogenesis in rams and boars.</b>
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<b>Patent no.</b>	No1460MD, 2020.10.31; 1461MD 2020.10.31.
<b>Description EN</b>	<p>The invention <i>1460 MD</i> relates to animal husbandry, in particular to the stimulation of spermatogenesis in rams, and can be used to preserve, improve and effectively use the local gene pool. The method for stimulating spermatogenesis in rams in the inter-season involves feeding rams with feed containing a biopreparation additive based on extracts from <i>Spirulina platensis</i> biomass in an amount of 0.5-5 g per 0.5 kg of feed, which is administered to rams in an amount of 0.5 kg/head during the May-June period, daily for 45-50 days.</p> <p>The invention <i>1461 MD</i> relates to animal husbandry, in particular to the stimulation of spermatogenesis in pigs, and can be used during critical periods of the year. The method stimulating spermatogenesis in boars comprises feeding boars with combined feed comprising a biopreparation additive based on extracts from <i>Spirulina platensis</i> biomass in an amount of 3.3 g per 1 kg of feed, which is administered to boars in an amount of 4.0-4.5 kg/head during the spring and summer periods, daily for 45-50 days.</p> <p>The technical result of the inventions consists in the increasing of following data on rams and boars: ejaculate volume, the ejaculate sperm concentration, the sperm motility, the number of sperm with rectilinear movements. The inventions were created based on scientific results obtained within the project 20.80009.5107.16 „New biologically active microbial preparations for increasing the reproductive and productive potential of animals of zotechnical interest”, funded by National Agency for Research and Development, Republic of Moldova.</p>
<b>Class no.</b>	3. Agriculture and Food Industry.