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Cost advantages analysis of vaccination of laying hens against EDS adenovirus. A case study in Algeria
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The egg drop Syndrome (EDS) due to Adenovirus has recently been observed in laying hens in Algeria, and many farmers would to assess the economic value of vaccination against this virus. The profitability simulation study of the vaccination against EDS has showed an interesting result about the financial advantages. This profitability depends of several factors such as the price of the egg, the size of the farm and the percentage of egg drop. The advantages costs ratio of this vaccination depends of the price's egg, which is ranged between 9.72 and 13. Depending on the size of livestock, the variation of the ratio was 6.82 to 10.81. Finally, it was eventually found that vaccination is at least six times more profitable in case of viral infection to EDS, whatever the size of the farm, the price of the egg or the percentage of egg drop.