Accepted Manuscript

Modeling the spread of capripoxvirus among livestock and optimal vaccination strategies

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PII:S0022-5193(17)30472-1DOI:10.1016/j.jtbi.2017.10.009Reference:YJTBI 9233

To appear in:

Journal of Theoretical Biology

Received date:1 March 2017Revised date:1 September 2017Accepted date:8 October 2017

Please cite this article as: Farida Chamchod, Modeling the spread of capripoxvirus among livestock and optimal vaccination strategies, *Journal of Theoretical Biology* (2017), doi: 10.1016/j.jtbi.2017.10.009

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1 Highlights

- A mathematical model for the spread of capripoxvirus is proposed.
- Important epidemiological parameters are identified.
- The optimal control theory is applied to find optimal vaccination strategies.

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