



# agriculture, forestry & fisheries

Department:  
Agriculture, Forestry and Fisheries  
REPUBLIC OF SOUTH AFRICA

Directorate Animal Health, Department of Agriculture, Forestry and Fisheries  
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To whom it may concern

## **RE: REQUEST FOR INPUTS ON THE ENTRY AND EXPOSURE ASSESSMENTS ON THE HAZARDS IDENTIFIED WITH REGARDS TO THE IMPORTATION OF SABLE ANTELOPE FROM ZAMBIA**

As previously communicated, the Department of Agriculture, Forestry & Fisheries; Directorate Animal Health has been ordered by the court to conduct an Import Risk Analysis on the proposed importation of sable antelope from Zambia.

The Risk Analysis must be conducted in terms of the OIE Terrestrial Animal Health Code, Chapter 2.1 (link: - <http://www.oie.int/index.php?id>). Responses received on the request for the identification of hazards associated with the importation of sable antelope from Zambia were evaluated and the following hazards were identified (Presented in alphabetically order):-

- a) *Amblyomma variegatum*
- b) Anthrax
- c) Bluetongue
- d) Bovine Tuberculosis
- e) *Brucella abortus*
- f) *Brucella melitensis*
- g) Contagious Bovine Pleuropneumonia
- h) Foot and Mouth Disease
- i) Nairobi sheep disease
- j) Paratuberculosis (Johne's Disease)
- k) Peste des petits ruminants
- l) Rabies
- m) Rift Valley fever
- n) *Theileria* spp (other than *T parva*)

o) Trypanosomosis

With reference to Article 2.1.2 of the Import Risk Analysis, we are now requesting you to submit detailed information on the Entry and Exposure Assessments that would be associated with each hazard identified. In order to facilitate the Risk Assessment step of the Risk Analysis, you are requested to provide scientific motivation together with peer reviewed references.

The "Entry assessment consists of describing the biological pathway(s) necessary for an importation activity to introduce pathogenic agents into a particular environment, and estimating the probability of that complete process occurring, either qualitatively (in words) or quantitatively (as a numeric estimate). The entry assessment describes the probability of the 'entry' of each of the hazards (the pathogenic agents) under each specified set of conditions with respect to amounts and timing, and how these might change as a result of various actions, events or measures." Examples of the kind of inputs include the biological factors, country factors and commodity factors.

"Exposure assessment consists of describing the biologic pathway(s) necessary for exposure of animals and humans in the importing country to the hazards (in this case the pathogenic agents) from a given risk source, and estimating the probability of the exposure(s) occurring, either qualitatively (in words) or quantitatively (as a numeric estimate). The probability of exposure to the identified hazards is estimated for specified exposure conditions with respect to amounts, timing, frequency, duration of exposure, routes of exposure, such as ingestion, inhalation or insect bite, and the number, species and other characteristics of the animal and human populations exposed." Examples of the kind of inputs include the biological factors, country factors and commodity factors.

Please note that interested parties have up 17h00, 18 September 2014, to submit any comments they may have. Comments must be submitted at the following address: [SableRA@daff.gov.za](mailto:SableRA@daff.gov.za)

Your cooperation and participation will be appreciated.

Kind Regards



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**DR. MPHOMAJA**  
**DIRECTOR OF ANIMAL HEALTH**

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