African horse sickness and insect vectors

Resources

Kindly compiled by the guest speakers of Webinar #3

Major Resources

- Wirth, W & Hubert, A. The Culicoides of South-East Asia. Memoirs of the American Entomological Institute Number 44. 514 pages. Available to download at https://apps.dtic.mil/docs/citations/ADA262514

Reviews


Vector competence of Culicoides


Dispersal of Culicoides


Ecology of Culicoides


• Fall, M., et al., Culicoides (Diptera: Ceratopogonidae) midges, the vectors of African horse sickness virus - a host/vector contact study in the Niayes area of Senegal. Parasites & Vectors, 2015. 8.


Midge abundance in southern Asia and Australasia

• Archana M, D’Souza PE, Renuka Prasad C and Byregowda SM (2014) Seasonal prevalence of different species of Culicoides in Bangalore rural and urban districts of South India, Veterinary World 7(7): 517-521.


**Control of Culicoides**


**Insecticides**


• De Keyser, R., et al., Insecticidal effects of deltamethrin in laboratory and field populations of Culicoides species: how effective are host-contact reduction methods in India. Parasites & Vectors, 2017. 10.


• Standfast et al 1984 Mortality of Culicoides brevitarsis fed on cattle treated with ivermectin. Journal of Economic Entomology, 77:419-421

**Stabling**


**Repellents**


**Larval habitat removal**


**Collection of *Culicoides***


**Identification of *Culicoides***


• Harrup, L.E., et al., DNA barcoding and surveillance sampling strategies for *Culicoides* biting midges (Diptera: Ceratopogonidae) in southern India. Parasites & Vectors, 2016. 9.


• Bellis GA. Key to females of economically important species of Culicoides subgenus Avaritia from southern Asia and Australasia using characters visible under a stereomicroscope. [https://www.gnatwork.ac.uk/african-horse-sickness-resources]