

PREVENT *Invasives* in the **CARIBBEAN**

Avian Malaria

Avian Malaria known as *Plasmodium relictum* is a disease that causes acute, pathogenic infections in captive wild birds and even domestic birds.

1



Domestic
Poultry

2



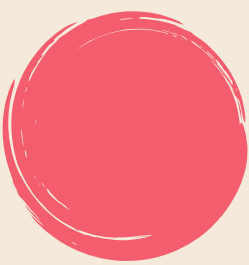
Domestic
Turkey

3



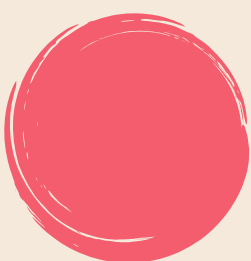
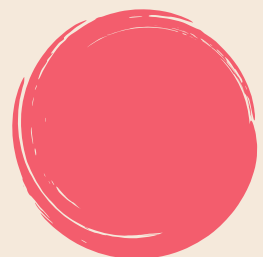
Galapagos
Penguins

The Avian malaria is a mosquito-borne disease which causes birds to lose red blood cells, in losing blood cells, this affects the movement of oxygen for the bird. Once there is a decrease of red blood cells, the birds eventually weaken and die.



Rainfall, Salinity, and mosquito prevalence and seasons influenced the increase of disease.

50-90% of birds are susceptible to the disease, as they are sensitive to it.



Birds that survive the acute stage of the disease, going on to live with the chronic disease, which renders them immune to the infection.