

Summary

Urgent consultation 20-2007 of the Scientific Committee of the FASFC on the possible sources of contamination with dioxins and PCB's of cattle farms in Stabroek and Hoevenen.

The Scientific Committee was asked to give an advice on the possible sources of contamination with dioxins and PCB's of cattle farms in the region of Stabroek and Hoevenen.

A study of the profiles indicated a similarity between the profiles of dioxins and DLPCB's of milk, tissues of cattle, grass and atmospherical precipitation measured in Stabroek. All profiles are characterised by a predominance of PCB 126, the absence of 2,3,7,8 PCDF and little PCDD.

The results of the analyses of the atmospherical precipitation in Stabroek showed the highest level for the samples taken in May/June 2006, which indicated that the emission started somewhere between November 2005 and June 2006. Moreover this precipitation continued for several months, since it was still clearly observable in November 2006.

From the data it can also be concluded that the source of pollution has to be searched in the environment rather than in combustion. Additional information is necessary to be able to identify the place and the possible origin of the pollution.

The full text is available on <http://www.favv-afsc.fgov.be/wetenschappelijkcomite/adviezen/2007.asp> in French and Dutch.