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DE LORRAINE



PRÉFET DE LA MARTINIQUE



Contamination of grazing ducks by chlordecone in Martinique

**C. Jondreville¹, A. Lavigne², F. Clostre³, S. Jurjanz¹, C. Dalibard⁴,
J.M. Liabeuf⁴, M. Lesueur-Jannoyer³**

¹ Université de Lorraine, INRA, UR AFPA, Vandoeuvre-lès-Nancy, France

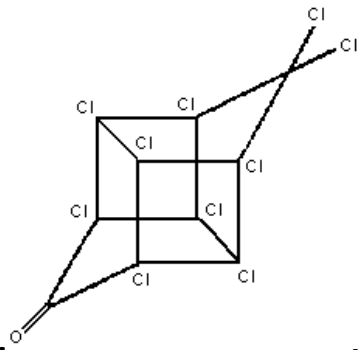
² FRÉDON, Ducos, Martinique, France

³ Cirad, Unité Hortsys, Le Lamentin, Martinique, France

⁴ DAAF-Salim, Fort-de-France, Martinique, France

Catherine.jondreville@univ-lorraine.fr





Context



long-term soil pollution in the French West-Indies by CLD, and subsequent contamination of food resources.

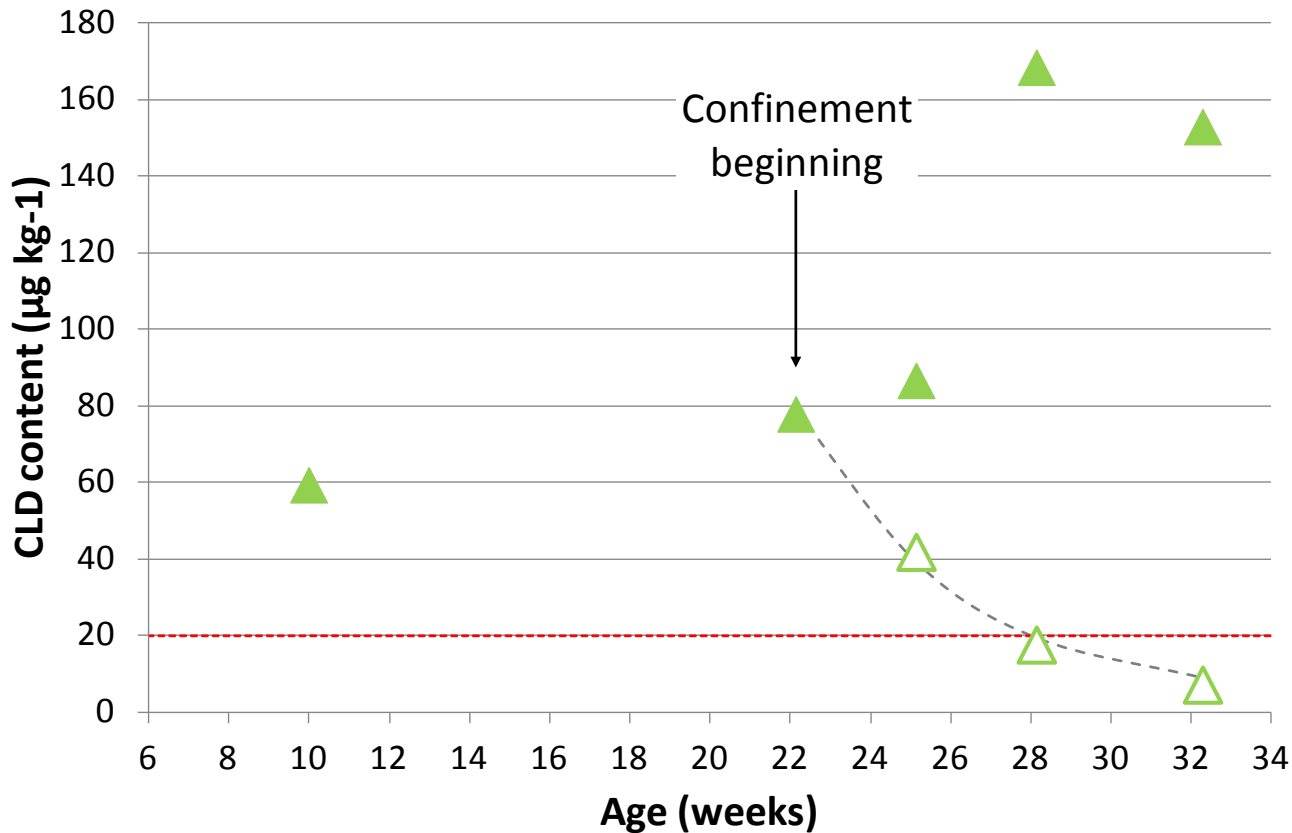
Alarming preliminary results on grazing hens with eggs contaminated up to 50 times over the MRL (20 $\mu\text{g}/\text{kg}$ FM).

Hypothesis : poultry is exposed to CLD through involuntary ingestion of polluted soil

Experiment : long term outdoor exposure of grazing ducks followed or not by indoor confinement

Objective

to assess : (1) CLD accumulation in grazing duck tissues and eggs
 (2) Possible decontamination through confinement



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- rapid contamination of duck tissues by CLD
- indoor confinement allowed to decontaminate leg tissues below the MRL after a period of 6 weeks but liver and eggs stayed over the limit even after 9 weeks of decontamination.

The consumption of products from grazing ducks should be avoided, unless grazing and decontamination practices are improved.