THE LUNGWORM REINFECTION SYNDROME IN DAIRY COWS

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Parasitic bronchitis, caused by *Dictyocaulus viviparus*, is a well-known disorder in young stock during pasturing. Parasitic bronchitis is diagnosed also in adult dairy cows in different Western countries. GD and Utrecht Veterinary Faculty have been involved in some dairy herds with serious clinical symptoms of coughing (some months after start pasturing season), milk drop (20%), decreased fertility (extra days open and extra inseminations) and some dead dairy cows (replacement costs) due to *D. viviparus* infection. Here we present two case-descriptions in order to provide practitioners insight into the progress and related economic losses. On both farms the lungworm outbreak and its consequences lasted at least several months. The estimated financial loss on both farms was 250 to 300 Euros per cow. These losses were mainly due to a long lasting reduced milk production and costs of replacements. Expenses related to treatment accounted for only 2% of the financial costs.