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The influence of herd origin on calving course of Limousine cows

S u m m a r y

The aim of the study was to check whether herd origin together with another factors influenced delivery course of Limousine cows. The investigation based on the evaluation of 624 delivery courses of Limousine cows was conducted in Poland by Polish Beef Cattle Breeders & Producers Association and on 272 delivery courses of the same breed cows kept in the biggest beef cattle breeding herd in Finland in the years 2000-2005. The influence of herd origin, calf sex, calving season, calf body weight at birth on delivery course as well as the influence of interactions between the above mentioned factors on delivery course were analysed. Significant ($P \leq 0.01$) influence of herd origin on delivery course was found. Many more difficult deliveries were observed in Finnish herd, where 15.1% of cows needed assistance while than in Polish herd only 6.4%. Calf sex and body weight at birth have also highly significant influence on delivery course. All analysed interactions have significant influence on delivery course.