

Analysis of foot and claw diseases/disorders in Czech Holstein cows

L. ZAVADILOVÁ, E. KRUPA, E. KAŠNÁ, P. FLEISCHER, M. ŠTÍPKOVÁ

References

Buch, L. H., A. C. Sørensen, J. Lassen, P. Berg, J. A. Eriksson, J. H. Jakobsen, M. K. Sørensen (2011) Hygiene-related and feed-related hoof diseases show different patterns of genetic correlations to clinical mastitis and female fertility. *J. Dairy Sci.*, 94, 1540-1551.

Chapinal, N., A. Koeck, A. Sewalem, D. F. Kelton, S. Mason, G. Cramer, F. Miglior (2013) Genetic parameters for hoof lesions and their relationship with feet and leg traits in Canadian Holstein cows. *J. Dairy Sci.*, 96, 2596-2604.

Egger-Danner, C., O.K. Hansen, K. Stock, J.E. Pryce, J. Cole, N. Gengler, B. Heringstad (2013) Challenges and benefits of health data recording in the context of food chain quality, management and breeding. ICAR Technical Series.

Groeneveld, E., M. Kovač, and N. Mielenz (2008) VCE User's Guide and Reference Manual, Version 6.0. Krpálková, L., M. Štípková & M. Krejčová, 2016. Vliv zdraví paznehtů a úrovně reprodukce na výkonnost a zisk stáda dojníc. *Náš chov*, 76 (9), 58-63.

Krupová, Z., Krupa, E., Michaličková, M., Wolfová, M., Kasarda, R. (2016) Economic values for health and feed efficiency traits of dual-purpose cattle in marginal areas. *Journal of Dairy Science*, 99, s. 644-656.

Madsen, P., J. Jensen. 2010. DMU – a package for analysing multivariate mixed models. Version 6, release 5.0., Aarhus University, Foulum, Denmark.

Pérez-Cabal, M. A., N. Charfeddine, N. (2015) Models for genetic evaluations of claw health traits in Spanish dairy cattle. *J. Dairy Sci.*, 98 (11), 8186-8194.

Sogstad, A. M., T. Fjeldaas, O. Østerås, K. P. Forshell. (2005) Prevalence of claw lesions in Norwegian dairy cattle housed in tie stalls and free stalls. *Prev. Vet. Med.*, 70, 191-209.

van der Spek, D., J.A. van Arendonk, A.A. Vallée, H. Bovenhuis (2013) Genetic parameters for claw disorders and the effect of preselecting cows for trimming. *J Dairy Sci.*, 96 (9), 6070-6078.

van der Waaij, E. H., M. Holzhauser, E. Ellen, C. Kamphuis, G.de Jong. (2005) Genetic parameters for claw disorders in Dutch dairy cattle and correlations with conformation traits. *J. Dairy Sci.*, 88, 3672-3678.