

## The use of new technologies in horse selection

Klemen POTOČNIK

### References

- Árnason, T. (1984) Genetic studies on conformation and performance of Icelandic toelter horses: IV Best linear unbiased prediction of ten correlated traits by use of an animal model. *Acta Agric. Scand.* 34, 450–462.
- Broere Jazz (2018) Jazz – one in a million. [Online] Alblaserdam. Available at: <http://www.broerejazz.com/en/sperma-bestellen/> [Accessed 12 August 2018].
- FMITCHELL07 (2009) Inbreeding to broodmares: an in-depth statistical analysis of the Rasmussen Factor, Part 1 [Online] <https://fmitchell07.wordpress.com/2009/07/29/inbreeding-to-broodmares-an-in-depth-statistical-analysis-of-the-rasmussen-factor-part-1/> [Accessed 12 August 2018].
- Henderson, C. R. (1953) Estimation of variance and covariance components. *Biometrics*, 9, 226–252.
- Jorjani, H., Jakobsen, J., Hjerpe, E., Palucci, V., Dürr, J. (2012) Status of genomic evaluation in the Brown Swiss populations. *Interbull Bull.*, 46, pp. 46–54.
- Koenen, E. (2005) Publication of breeding values: Interstallion guidelines. Workshop "Use of genetic evaluations in sport horse breeding" Warendorf, Germany. [Online] In: Leuven: KU Leuven. Available at: [https://www.biw.kuleuven.be/Genlog/livgen/research/interstallion/workshop\\_docs/koenen1.pdf](https://www.biw.kuleuven.be/Genlog/livgen/research/interstallion/workshop_docs/koenen1.pdf) [Accessed 12 August 2018].
- Koenen, E., Aldridge, L.I., Philipsson, J. (2004) An overview of breeding objectives for warmblood sport horses. *Livestock Production Science*, 88(1-2), pp. 77-84.
- Liljenstolpe, C. (2009) Horses in Europe. [Online] Maarslet: WBFSH. Available at: <http://www.wbfs.org/files/EU%20Equus%202009.pdf> [Accessed 16 August 2018].
- Mark, T. (2013) Genomic selection for performance and health [http://www.wbfs.org/files/Thomas\\_Mark\\_Genomic\\_Selection\\_in\\_Horse\\_Breeding\\_Oct.7th\\_2013\\_Warsaw.pdf](http://www.wbfs.org/files/Thomas_Mark_Genomic_Selection_in_Horse_Breeding_Oct.7th_2013_Warsaw.pdf) [Accessed 12 August 2018].
- OMIA (2018) Online Mendelian Inheritance in Animals (OMIA). [Online] Maarslet: WBFSH. Available at: <http://omia.org/home/> [Accessed 6 September 2018].
- Philipsson, J. (2009) Mace for horse evaluations. Interstallion: Workshop Le Pin au Haras, 26th March 2009. [Online. Available at: [https://www.biw.kuleuven.be/Genlog/livgen/research/interstallion/workshop\\_LePin/I\\_MACE%20for%20horse%20evaluations.pdf](https://www.biw.kuleuven.be/Genlog/livgen/research/interstallion/workshop_LePin/I_MACE%20for%20horse%20evaluations.pdf) [Accessed 12 August 2018].
- Reed, T. (2018) Johan Knaap on genomic selection – an interview. [Online]. Available at: [http://www.irish-warmblood.com/pdf/Johan\\_Knaap\\_on\\_Genomic\\_Selection.pdf](http://www.irish-warmblood.com/pdf/Johan_Knaap_on_Genomic_Selection.pdf) [Accessed 6 September 2018].
- Reis, A.P., Palmer, E., Nakhla, M. (2012) Biotechnologies of reproduction in the horse: what has changed? In: Book of Abstracts of the 63<sup>rd</sup> Annual Meeting of the European Federation of Animal Science Wageningen. Wageningen: Wageningen Academic Publishers.
- Shelbourne Farm. (2018) Cruising Clones. [Online]. Available at: <http://www.shelbournefarm.com/stallions/cruising-clones/> [Accessed 6 September 2018].
- Stock, K., Quinn Brady, K., Christiansen, K., Viklund, Å., Cervantes, I., Ricard, A., Ducro, B., Janssens, S. (2015). Breeding objectives and practices of sport horse studbooks : Results of a worldwide inventory. In: Book of Abstracts of the 66<sup>th</sup> Annual Meeting of the European Federation of Animal Science Wageningen. Wageningen: Wageningen Academic Publishers.

Stock, K., Viklund, Å., Cervantes, I., Ricard, A., Christiansen, K., Vangen, O., Janssens, S. (2018). The role of Interstallion in supporting international sport horse breeding by improved transparency. In: Book of Abstracts of the 69<sup>th</sup> Annual Meeting of the European Federation of Animal Science Wageningen. Wageningen: Wageningen Academic Publishers.

Thorén Hellsten, E. (2008) International Sport Horse Data for Genetic Evaluation. Doctoral Thesis. Uppsala: Swedish University of Agricultural Sciences.

Waikato (2018) Waikato Stud offers a truly world-class stallion line up. [Online]. Available at: <https://waikatostud.com/stallions/> [Accessed 6 September 2018].

WBFSH (2018) World breeding federation for sport horses: Breeder and Studbook rankings. [Online]. Available at: <http://www.wbfs.org/GB/Rankings/Breeder%20and%20Studbook%20rankings.aspx> [Accessed 12 September 2018].