

## Selected qualitative parameters above-ground phytomass of the Lenor-first Slovak cultivar of *Festulolium* A. et Gr.

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### References

- BAŠTA, Ľ. (2017) New varieties of red clover and grasses. In *Our field*, vol. 21, no. 7, p. 26–27 (in Slovak).
- BÍRO, D. et al. (2014) *Conservation and adjustment of feeds*. 1<sup>st</sup> ed. Nitra: Slovak University of Agriculture in Nitra (in Slovak).
- BÍRO, D. et al. (2016) *Animal nutrition*. Nitra: Slovak University of Agriculture in Nitra (in Slovak).
- CASLER, M.D. et al. (2002) Natural selection for survival improves freezing tolerance, forage yield and persistence of *Festulolium*. In *Crop Science*, vol. 42, no. 5, p. 1421–1426. [doi:10.2135/cropsci2002.1421](https://doi.org/10.2135/cropsci2002.1421)
- ČERNOCH, V., HOUDEK, I. and ČAPKA R. (2004) *Festulolium* – grass for future. In *Bericht über die 55. Tagung 2004 der Vereinigung der Pflanzenzüchter und Saatgutkaufleute Österreichs HBLFA Raumberg - Gumpenstein*, 23. - 25. November 2004, p. 87–89.
- ČERNOCH, V. and GROENBAEK, O. (2015) Benefits of x *Festulolium* varieties in European agriculture. In *Proceedings of the 18<sup>th</sup> Symposium of the European Grassland Federation Wageningen 15 – 17 June 2015*. Wageningen Academic Publishers: Wageningen, p. 386–388.
- ČUNDERLÍK, J. and MARTINCOVÁ, J. (2013) Monitoring the production and qualitative parameters of semi-natural grassland in differentiated nutrition. In *Ecology of grassland: Proceedings of scientific works*. Piešťany : Plant Production Research Center, p. 38-42. (in Slovak)
- GÁLIK, B. et al. (2016) *Nutritional characteristics of feeds*. Nitra: Slovak University of agriculture in Nitra (in Slovak).
- GIBSON, D. J. (2009) *Grasses & Grassland Ecology*. New York: Oxford University Press.
- HAKL, J. and FUKSA, P. (2011) Production and dietetic effects roughhages. Praha: CZU v Prahe (in Czech).
- HERKEL, R. et al. (2015) The effect of biological additive on nutrient composition of grass silage. In *Acta fytotechnica et zootechnica.*, vol. 18, no. 4, p. 106–109. [doi: 10.15414/afz.2015.18.04.106–109](https://doi.org/10.15414/afz.2015.18.04.106-109)
- HRIC, P. et al. (2018) Growth-production parameters of the first Slovak cultivar of *Festulolium* A. et Gr. In *Acta Universitatis Agriculturae et Silviculturae Mendelianae Brunensis*, vol., 66, no. 3, p. 825-828. <https://doi.org/10.11118/actaun201866030825>
- HOUDEK, I. (2010) Perspective species and varieties of grasses and clovers from ŠS Hladké Žitovice, s.r.o. In *Forage quality of herbaceous and cattle in changing economic conditions: Proceedings from a national scientific conference with international participation*. Praha: VÚRV, p. 61-67. <https://www.vurv.cz/sites/File/Publications/ISBN978-80-7427-043-7.PDF>
- HOUDEK, I. and JAMBOR, V. (2010) *Festulolium* Hybrids from Breeding Station Hladké Žitovice and their Quality. In *14<sup>th</sup> International Symposium Forage Conservation*. March 17 – 19, Brno : NutriVet Ltd. s. 22-24.
- HUMPHREYS, M.W., CANTER, P.J. and THOMAS, H.M. (2003) Advances in introgression technologies for precision breeding within the *Lolium-Festuca* complex. In *Annals of Applied Biology*, vol. 143, no. 1, p. 1–10. [doi.org/10.1111/j.1744-7348.2003.tb00263.x](https://doi.org/10.1111/j.1744-7348.2003.tb00263.x)
- JANČOVIČ, J. et al. (2013) The effect of nitrogen fertilization on the grass phytomass quality. In *Agrochemistry*, vol. 53, no. 2, p. 3-5 (in Slovak).

KOVÁČ, L., HOUDEK, I. and GEJGUŠ, J. (2002) *The use of grass intergeneric hybrids in specific conditions of East Slovak Lowland*. Michalovce: Grafex (in Slovak).

MILLER, L. A. et al. (2001) Increased concentration of water-soluble carbohydrate in perennial ryegrass (*Lolium perenne* L.): milk production from late-lactation dairy cows. In *Grass and Forage Science*, vol. 56, no. 4, p. 383-384. [doi.org/10.1046/j.1365-2494.2001.00288.x](https://doi.org/10.1046/j.1365-2494.2001.00288.x)

NESHEIM, L. and BRONSTAD, I. (2000) Yield and winter hardiness of *Festulolium* (*Festuca x Lolium*) in Norway. In *Grassland Science in Europe*, 5, p. 238–240.

PROCHNOW, A. et al. (2009) Bioenergy from permanent grassland – a review: 1. Biogas. In *Bioresource Technology*, vol. 100, no. 21, p. 4931–4944. [https://ac.els-cdn.com/S0960852409006300/1-s2.0-S0960852409006300-main.pdf?\\_tid=6d8668fd-1587-4230-93b8-55fb141d34c0&acdnat=1538117871\\_f5d722ac0b826261e8db1d271518e3a6](https://ac.els-cdn.com/S0960852409006300/1-s2.0-S0960852409006300-main.pdf?_tid=6d8668fd-1587-4230-93b8-55fb141d34c0&acdnat=1538117871_f5d722ac0b826261e8db1d271518e3a6)

SKLÁDANKA, J. et al. (2010) Can *Festulolium*, *Dactylis glomerata* and *Arrhenatherum elatius* be used for extension of the autumn grazing season in Central Europe? In *Plant, Soil and Environment*, vol. 56, no. 10, p. 488-498. [doi.org/10.17221/91/2010-PSE](https://doi.org/10.17221/91/2010-PSE)

SKLÁDANKA, J. et al. (2014) *Crop production*. Brno: MU (in Czech).

ŠTÝBNAROVÁ, M., PUKYŠOVÁ, V. and MIČOVÁ, P. (2013) Changes in crude fibre and ADF concentration in fodder of orchard grass (*Dactylis glomerata* L.) under different permanent grassland's intensity of utilisation. In *Research in cattle breeding*, vol. 55, no. 2, pp. 10-17 (in Czech).