

Meeting the future demands for grassland production

28th General Meeting of the European Grassland Federation  
Virtual conference 19-21 October 2020  
Location: University of Helsinki, via Zoom sessions



<b>Tuesday</b> 20.10.2020	9:00-9:30 (CET) 10:00-10:30 (Finnish time), Chairperson Auvo Sairanen Zoom link:	No open poster sessions in Zoom. Poster viewing in blogs, links available in poster sessions
	9:00-9:30 (CET) 10:00-10:30 Keynote speaker Theme 2: Grasses in animal nutrition Kritsan S.J., Chagas J.C., Pang D. and Cabezas-Garcia E.H. Swedish University of Agricultural Sciences (SLU), Sweden Can milk production in Sweden become more sustainable?	

Break 15 min - Select parallel session of your interest and enter the meeting room by using Zoom-link.

<b>Tuesday</b> 20.10.2020	9:45-11:30 (CET) 10:45-12:30 (Finnish time) Chairperson Auvo Sairanen Zoom link:	Poster session Chairperson Sari Peltonen
	9:45-10:00 (CET) 10:45-11:00 Theme 2: Grasses in animal nutrition Tubritt T., Delaby L., Gilliland T.J. and O'Donovan M. Teagasc, Ireland: Queen's Univ. Belfast, N.Ireland Performance of mixtures of perennial ryegrass varieties evaluated under animal grazing	Theme 5: Knowledge exchange
	10:00-10:15 (CET) 11:00-11:15 Ankersmit E., Ensing E., Ter Horst A.C., Bastiaansen-Aarjes L.M. and Van den Pol-van Dasselaar A. Aeres University of Applied Sciences, The Netherlands Effect of grazing management in autumn on the quality and quantity of perennial ryegrass in spring	Meet poster presenters in Zoom. Link to Zoom:
	10:30-10:45 (CET) 11:30-11:45 Break 15 min	View posters in a Blog Link to blog:
	10:45-11:00 (CET) 11:45-12:00 Hennessy D., Hurley M.A. and Delaby L. Teagasc, Animal and Grassland Research and Innovation Centre, Ireland Predicting dairy cow dry matter intake and milk production on grass-only and grass-white clover swards	
	10:45-11:00 (CET) 11:45-12:00 Millimonka A. and Glenz G. ADDCON Europe, Germany Effect of different additives and temperature on fermentation of autumn-cut grass silage	

<b>Tuesday</b> 20.10.2020	9:45-11:30 (CET) 10:45-12:30 (Finnish time) Chairperson Essi Tahvola Zoom link:	Theme 1: Crop physiology, breeding and nutrient utilisation
	9:45-10:00 (CET) 10:45-11:00 Looney C., Winglee A. and Egan M. Teagasc, University College Cork, Ireland Building high herbage masses in autumn for the extension of the grazing season	
	10:00-10:15 (CET) 11:00-11:15 Kurki P., Kykkänen S., Termonen M., Mustonen A., Korhonen P. and Virkajärvi P. Natural Resources Institute Finland (Luke) Response of grass yields to soil acid-extractable potassium	
	10:30-10:45 (CET) 11:30-11:45 Break 15 min	
	10:30-10:45 (CET) 11:30-11:45 Hoekstra N.J., Holshof G., Schils R.L.M., Philipsen B. and Van Eekeren N. Louis Bolk Institute, the Netherlands The effect of kuzrasen and strip-grazing on grassland performance and load bearing capacity of a peat meadow	
	10:45-11:00 (CET) 11:45-12:00 Peratoner G., Figl U., Mittermair P., Soini E. and Matteazzi A. Laimburg Research Centre, Italy Effect of the reprints on the prediction of forage quality based on growing degree days	
	11:00-11:15 (CET) 12:00-12:15 Balzaín S., Vicente F. and Martínez-Fernández A. Servicio Regional de Investigación y Desarrollo Agroalimentario (SERIDA), Spain Sensitivity of soil quality indicators in agricultural land	

Departure to Mid-Conference tours in 30 min - enter the tour by using Zoom-link.

<b>Tuesday</b> 20.10.2020	11:45-15:00 (CET) 12:45-16:00 (Finnish time) - Remember to bring your own lunch by the computer! Virtual mid-conference tours, Chairperson Venja Jokela Zoom link:	No open poster sessions in Zoom. Poster viewing in blogs, links available in poster sessions
	11:45-12:30 (CET) 12:45-13:30 Modern research and plant breeding support utilization of grasses, host Marketta Rinne Visits to Natural Resources Institute Finland (Luke) at Jokioinen and Maaninka and Boreal Plant Breeding Ltd.	
	12:30-12:45 (CET) 13:30-13:45 Headline towards improved sustainability in silage making using Noble orzo winner's rice, host Arja Seccola	
	12:45-13:15 (CET) 13:45-14:15 How to improve nutrient use efficiency in grass production? Host Mervi Seppänen Visits to a dairy farm in Arjärvi and Korkkariemi Research Farm in Vihti.	
	13:15-14:00 (CET) 14:15-15:00 Carbon neutral milk and beef production, hosts Virpi Kling and Sinikka Hassinen Visits to three dairy farms and one beef farm located in different parts of Finland	
	14:00-14:15 (CET) 15:00-15:15 Soil and plant analysis supporting decision making, host Venja Jokela	
	14:15-14:30 (CET) 15:15-15:30 Improved grass management and better yields, host Mervi Seppänen Visit to field trial in Maaninka.	
	14:30-14:45 (CET) 15:30-15:45 Farmers discussion groups and calculations of carbon footprint at farm level, host Sari Peltonen	
	14:45-15:00 (CET) 15:45-16:00 DigiBale and other digital solutions in silage production, host Ilpo Pölonen	

Break 15 min - Select parallel session of your interest and enter the meeting room by using Zoom-link.

<b>Tuesday</b> 20.10.2020	15:15-17:00 (CET) 16:15-18:00 (Finnish time) Chairperson Panu Korhonen Zoom link:	Poster Session Local hosts Auvo Sairanen
	Theme 3: Grassland and environment	Theme 2: Grasses in animal production
	15:15-15:30 (CET) 16:15-16:30 Peretti E., Huzarini-Elie O., Meisser M., Dubois S., Probo M. and Mariotte P. Grazing Systems, Agroscope, Switzerland Impacts of for abundance on plant nutrition indexes along the growing season in intensively managed permanent grasslands	Meet poster presenters in Zoom.
	15:30-15:45 (CET) 16:30-16:45 Vanden Nest T., Odeurs W., Vandervelpen D., Elsen A., De Vlegher A., Ruysschaert G., D'Hose T., Bries J., Vandendriessche H. Flanders Research Institute for Agriculture, Fisheries and Food, Belgium Derogation for increased cattle manure application on grassland in Flanders: effects on crop yield, N export and nitrate-N residues	Link to Zoom:
	Break 15 min	View posters in a Blog Link to blog:
	16:00-16:15 (CET) 17:00-17:15 Shurpalli N.J., Li Y.Y., Korhonen P. and Virkajärvi P. Biogeochemistry research group, Department of Environmental and Biological Sciences, Univ. of Eastern Finland CO <sub>2</sub> and N <sub>2</sub> O balance of a leucine-based grassland in eastern Finland	
	16:15-16:30 (CET) 17:15-17:30 Järvenranta K. and Virkajärvi P. Natural Resources Institute Finland, Maaninka, Finland The effect of spring melt conditions on phosphorus losses in surface runoff from grassland fertilised with mineral P or slurry	
	16:30-16:45 (CET) 17:30-17:45 Higgins S., Nichol G., Vero S., Bailey J.S. and Doody D. Ari-Food and Biosciences Institute, Belfast, United Kingdom Improving phosphorus use efficiency on extensive grassland without compromising productivity	

<b>Tuesday</b> 20.10.2020	15:15-17:00 (CET) 16:15-18:00 (Finnish time) Chairperson Marketta Rinne Zoom link:	Theme 4: Novel technologies in farm management
	15:15-15:30 (CET) 16:15-16:30 Inelichen S., Zumwald J., Nemecek T. and Reidy B. Bern University of Applied Sciences, School of Agricultural, Forest and Food Sciences HAFI, Switzerland How cows compete with human nutrition - assessing feed-food and land-use competition of Swiss dairy production	
	15:30-15:45 (CET) 16:30-16:45 Rasi S., Timonen K., Joensuu K., Regina K., Virkajärvi P., Pulkkinen H., Tampio E., Pyykkönen P., and Luostarinen S. Production Systems, Natural Resources Institute Finland (Luke), Jyväskylä, Finland Biogas from grass - sustainable or not?	
	Break 15 min	
	16:00-16:15 (CET) 17:00-17:15 Keto L., Perttälä S., Särkjärvi S., Kamppari K., Immonen I., Kytölä K., Ertberg P. and Rinne M. Natural Resources Institute Finland, Jokioinen, Finland Grass silage for biorefinery - silage juice as a dietary component for growing pigs	
	16:15-16:30 (CET) 17:15-17:30 Adler S.A., Mücke B., Steinhilber H. and Parsons D. HIBIO, Norwegian Institute of Bioeconomy Research, Department of Grassland and Livestock, Norway Fractionation of forage legumes using a screw press	
	16:30-16:45 (CET) 17:30-17:45 Hansen N.P., Blisch J., Jensen S.K., Weisbjerg M.R., Ambye-Jensen M. and Johansen M. Department of Animal Science, Aarhus University, Foulum, Denmark. Effect of screw pressing and days of regrowth on grass silage characteristics and quality	