



HELCOM

Workshop on manure nutrient content in the Baltic Sea countries

Estonia

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www.emu.ee
Eesti Maaülikool
Estonian University of Life Sciences

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The regulation „Calculated values of nutrient content of different types of manure, methodology for calculating manure storage capacity and coefficients for the calculation of animal units”

<https://www.riigiteataja.ee/akt/116072014008>

- Calculate the average manure quantity and nutrient content by animal species, as well as by age and production groups.
- Calculate the minimum capacity of manure storage for eight month manure accumulation.



Advantages and challenges of the existing systems

- *Existing system works well for large-scale farms (companies).*
- *Indicators describing the age and production groups of cattle are the results of a special long-term investigation.*
- *The application of the system in small- and middle-scale companies is somewhat more complicated because it is more difficult to control the inputs.*
- *It is relatively easy to elaborate on the legislation.*
- *The system is working well in the farms without grazing.*

[http://msr.agri.ee:8888/\\$/](http://msr.agri.ee:8888/$/)



National needs for developing the existing system

- *The system is developing, farmers and public servants use it quite intensively.*
- *Uncertainties are mainly connected with the quantities of additives (rain- and process water) and losses within the storing period (evaporation of humidity, dry matter decomposition).*



Thank you!

