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WaterCoG

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Involving farmers in Denmark with nitrate measurement

22 March 2019 - Published by Alistair Maltby

Nitrate leaching from fields do not only have a negative impact on groundwater and surface water environment, but it is also potential lost yields on next year's harvest on the field.

Nitrate leaching from fields do not only have a negative impact on groundwater and surface water environment, but it is also potential lost yields on next year's harvest on the field.

That's why keeping track of nitrate from drainage water is not only benefitting the environment but also the farmers economy.

With the nitrate strips (from Hach) and the [Nitrate App](#) (developed by Deltarres) it is now possible to get a low-cost measurement. (0,7 € per. measurement). The low-cost measurement is due to the WaterCoG project and introduced to all farmers and farm advisers in Denmark in the weeks to come. Moreover, the Danish farmers have the possibility to store the data they get from the measurements in their IT desk tool so they can keep track of the history and location of the measurement.

During the Citizen Science Relay Week farmer Henrik Mols from Jelling got a visit from a catchment officer about a talk on constructed wetlands on his property.

Henrik Mols used the nitrate strip and the Nitrate App to measure if there is any nitrate in is drainage water. Journalist Bodil Pedersen, SEGES, films the session as the nitrate strip and the Nitrate App is going to be launched to all farmers and all farm advisers in Denmark in the following weeks. (see photo)

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