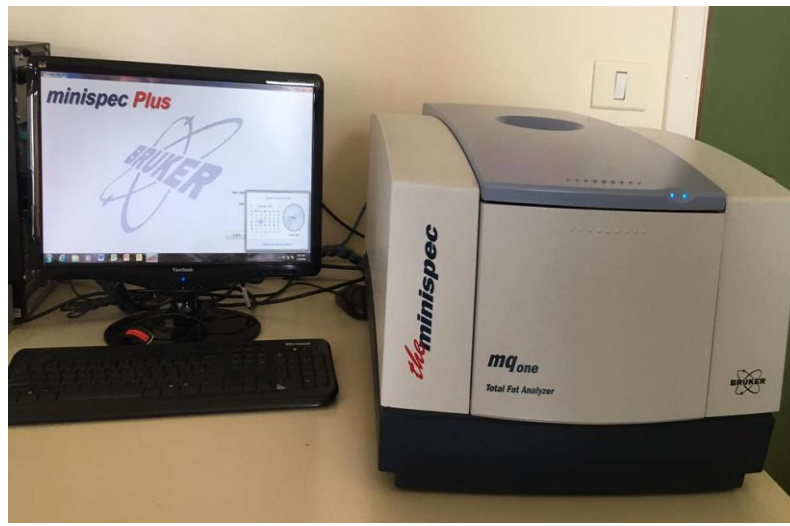




Time Domain - Nuclear Magnetic Resonance (TD-NMR) as a useful tool for the determination of oil content in olive paste



ACTIVITY COORDINATED BY THE LEBANESE AGRICULTURAL RESEARCH INSTITUTE (LARI)

The Lebanese Agricultural Research Institute (LARI) and Saint Joseph University collaborated on the development of an innovative tool for the rapid determination of the oil content in the olive paste. It is the “Time Domain - Nuclear Magnetic Resonance (TD-NMR)”.

This method was presented as an innovation by Dr. Milad El Riachy, a researcher from LARI and national project coordinator, during the third B2B event in Lebanon on Multifunctional Olive Systems. And, it is available in the related catalogue of innovations uploaded on the ICT platform (www.livingagrolab.eu).

This tool is able to determine the fat/oil content in food and animal feed. Its main advantages are the following: easy to set up and use, fast, environmental friendly and non-destructive analysis. In addition, it helps the farmers to fix the date of harvesting of the olive fruits and help the managers of the cooperatives in calculating the amount of oil or money that must be paid to the olive growers that will deliver their productions.



FOR MORE INFORMATION

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Photos by Dr. Milad El Riachy