Workshop / session 4

Milk analysis :

New technologies, developments, interest criteria for man, breeding and management

Workshop on New Technologies and New Challenges for Breeding and Herd Management Bourg-en-Bresse, France, 22-23 June 2011

Workshop / session 4

Milk analysis : new technologies, developments, interest criteria for man, breeding and management

OptiMIR: new tools for a more sustainable dairy sector

Frederic Dehareng, CRA-W Gembloux, Belgium

Harmonisation of milk analysers for fatty acid determination by FTMIR – An essential step prior to collective data use

Olivier Leray, Actilait, France

Calibration monitoring and control approach for multi devices analytic system performing in rough environment

Liubov Lemberskiy-Kuzin , Afimilk, Israel

Applied FT-IR is a highly potential technology for uncovering new valuableherd management and breeding information

Steen Kold-Christensen, Foss, Denmark

Workshop / session 4

Milk analysis : new technologies, developments, interest criteria for man, breeding and management

OptiMIR: new tools for a more sustainable dairy sector

Frederic Dehareng, CRA-W Gembloux, Belgium

Harmonisation of milk analysers for fatty acid determination by FTMIR – An essential step prior to collective data use

Olivier Leray, Actilait, France

Calibration monitoring and control approach for multi devices analytic system performing in rough environment

Liubov Lemberskiy-Kuzin , Afimilk, Israel

Applied FT-IR is a highly potential technology for uncovering new valuableherd management and breeding information

Steen Kold-Christensen, Foss, Denmark

Workshop on New Technologies and New Challenges for Breeding and Herd Management Bourg-en-Bresse, France, 22-23 June 2011

Workshop / session 4

Milk analysis : new technologies, developments, interest criteria for man, breeding and management

OptiMIR: new tools for a more sustainable dairy sector

Frederic Dehareng, CRA-W Gembloux, Belgium

Harmonisation of milk analysers for fatty acid determination by FTMIR – An essential step prior to collective data use

Olivier Leray, Actilait, France

Calibration monitoring and control approach for multi devices analytic system performing in rough environment

Liubov Lemberskiy-Kuzin , Afimilk, Israel

Applied FT-IR is a highly potential technology for uncovering new valuableherd management and breeding information

Steen Kold-Christensen, Foss, Denmark

Workshop / session 4

Milk analysis : new technologies, developments, interest criteria for man, breeding and management

OptiMIR: new tools for a more sustainable dairy sector

Frederic Dehareng, CRA-W Gembloux, Belgium

Harmonisation of milk analysers for fatty acid determination by FTMIR – An essential step prior to collective data use

Olivier Leray, Actilait, France

Calibration monitoring and control approach for multi devices analytic system performing in rough environment

Liubov Lemberskiy-Kuzin , Afimilk, Israel

Applied FT-IR is a highly potential technology for uncovering new valuableherd management and breeding information

Steen Kold-Christensen, Foss, Denmark

Workshop on New Technologies and New Challenges for Breeding and Herd Management Bourg-en-Bresse, France, 22-23 June 2011

Workshop / session 4

Milk analysis : new technologies, developments, interest criteria for man, breeding and management

OptiMIR: new tools for a more sustainable dairy sector

Frederic Dehareng, CRA-W Gembloux, Belgium

Harmonisation of milk analysers for fatty acid determination by FTMIR – An essential step prior to collective data use

Olivier Leray, Actilait, France

Calibration monitoring and control approach for multi devices analytic system performing in rough environment

Liubov Lemberskiy-Kuzin , Afimilk, Israel

Applied FT-IR is a highly potential technology for uncovering new valuableherd management and breeding information

Steen Kold-Christensen, Foss, Denmark

Workshop on New Technologies and New Challenges for Breeding and Herd Management Bourg-en-Bresse, France, 22-23 June 2011

Workshop / session 4

Milk analysis : new technologies, developments, interest criteria for man, breeding and management

Conclusion

New technologies allow :

- *increasing quantities and types of information from milk analysis*
- *de-located analysis on-farm (portable or in-line devices),*
- *development of collective calibration for costy reference analysis as an alternative to local lab calibration*
- *qualitative analysis and associated database of spectra and qualitative reference,*
- *Worldwide milk production issue => International databases,*

⇒ *More than ever standardisation and harmonisation are needed so as to keep data comparable anywhere, anytime in the ICAR World.*