



Workshop on sampling for GMO traceability in the agri-food and feed chain

Rome 23-24 April 2008

National Institute of Health (ISS) Rome–Italy

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Workshop organised by ISS in collaboration with CO-Extra Project

This two-day workshop aims at addressing the issue of the appropriate and effective sampling for GMOs analysis in terms of description of the current state of knowledge, existing gaps, preliminary Co-Extra results and future recommendations under the “fit for purpose” approach.

The key focus of the meeting will be on:

- giving an overview of sampling strategies actually in place in the EU;
- illustrating sampling activities and first outcomes of the Co-Extra project;
- identifying needs and difficulties usually experienced during sampling by stakeholders for compliance to GMOs labeling and traceability at the most representative levels of the supply chain;
- learning from Competent Authorities about sampling procedures actually in place for GMO official control.

Programme

Wednesday 23 April

10.00 Registration

10.30 Introduction

Welcome: Agostino Macri

(ISS - Head of Department of Veterinary Public Health and Food Safety)

Rationale of the Workshop: Marina Miraglia

(ISS - Head of the Unit GMOs and Mycotoxins)

10.50 Session 1: GMO sampling in the fields

(Chairperson Alexandra Hüsken - JKI)

Content: appropriate sampling methodologies to be applied to monitor coexistence of GMO and non-GMO farming

10.50 Maize field sampling system developed in Spain to determine the GM adventitious content (Enric Melé - IRTA)

11.10 GMO sampling in the field (Alexandra Hüsken - JKI)

11.30 Sampling in the field: model for fragmented landscape with small field sizes (Jelka Sustar Vozlic- KIS)

11.50 Impact of GMO volunteers in conventional maize fields (Enric Melé - IRTA)

12.10 Round table of enforcement authorities involved in sampling

12.30 Discussion

13.00 LUNCH

14.00 Session 2: GMO sampling along the food and feed chain

(Chairperson: Marina Miraglia-ISS)

Content: appropriate sampling methodologies to be applied to implement traceability along food and feed chain.

14.00 Keynote Lecture on GMO sampling (Claudia Paoletti – EFSA)

14.20 The theory of sampling (Kim H Esbensen - Aalborg University)

14.40 ISTA sampling strategies (Leena Pietilä - ISTA)

15.00 COFFEE BREAK

15.20 Sampling plans for GMO traceability in feed chain (Sara Galletti – Cargill)

15.40 Sampling plans for GMO traceability in food chain (John Fagan - Genetic ID)

16.00 The problem of sampling at retail (Roberta Onori – ISS)

- 16.20 WP3 output on sampling issues (Morten Gylling - FOI)
- 16.40 Discussion
- 17.00 Round table of enforcement authorities involved in sampling

Thursday 24 April

9.30 Session 3: Software tools

(Chairperson: Claudia Paoletti - EFSA)

Content: supportive tools to estimate statistical properties of bulk commodities and identification of optimum sample and sub sample sizes.

- 9.30 Control plans for GMOs (Roy McArthur - CSL)
- 9.50 SSSI - Shortcut In Sample Size Identification (Gianni Bellocchi, JRC-IHCP)

- 10.10 COFFEE BREAK

- 10.40 OPACSA - Sub sampling strategies (Valerie Ancel - INRA)
- 11.00 Sampling steps at laboratory level during GMO analysis (Gilbert Berben, CRA-W)
- 11.20 Co-Extra Decision Support System: Plans and Activities (Marko Bohanec - JSI)
- 11.40 Discussion

- 12. 00 LUNCH - End of workshop

- 13.30-17.00 Co-Extra Working group on sampling (Co-Extra partners)

Speakers

Valerie Ancel - National Institute for Agricultural Research (INRA), France

Marko Bohanec - Jožef Stefan Institute (JSI), Slovenia

Gianni Bellocchi - Joint Research Centre-Institute for Health and Consumer Protection (JRC-IHCP), Italy

Gilbert Berben –Agricultural Research Centre (CRA-W), Belgium

Kim H. Esbensen - ACABS, Aalborg University Esbjerg (AUE), Denmark

John Fagan - Genetic ID and Cert ID

Sara Galletti - Cargill Europe BVBA Belgium

Morten Gylling - Danish Institute of Food and Resource Economics (FOI), Denmark

Alexandra Hüsken - Federal Research Centre for Cultivated Plants – Julius Kuehn Institute, Germany

Roy Macarthur - Central Science Laboratory (CSL-Defra), United Kingdom

Agostino Macri - Department of Veterinary Public Health and Food Safety (ISS), Italy

Enric Melé – Plant Genetics Department of the Cabrils Centre of Spain (IRTA), Spain

Marina Miraglia - Department of Veterinary Public Health and Food Safety (ISS), Italy

Roberta Onori - Department of Veterinary Public Health and Food Safety (ISS), Italy

Claudia Paoletti - European Food Safety Authority (EFSA), Italy

Leena Pietilä - Finnish Food Safety Authority (Evira), Finland –ISTA

Jelka Sustar-Vozlic- Agricultural Institute of Slovenia (KIS), Slovenia