

“MycoKey: a new approach for mycotoxin management in the maize chain in East Europe”

The 2nd Technological Workshop

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University of Agronomic Sciences and Veterinary Medicine of Bucharest, Bucharest, Romania

Organiser: IBA Bucharest on behalf of the EU MycoKey project

Main topics

Mycotoxins: general issues and economical aspects

- * Occurrence and significance of mycotoxins in the maize chain. AFLA biocontrol in Africa.
- * The economic impact of mycotoxins on maize chain

Mycotoxin monitoring and smart cropping measures

- * Agronomic pathways and cropping factors for sustainable mycotoxin management in maize crops
- * MycoKey actions on maize: 2016-2017 survey to decrease the risk of aflatoxin contamination in Romania
- * Agribusiness challenges and smart cropping measures in maize production
- * Pre- and post-harvest management of mycotoxins contamination in Sub-Saharan Africa
- * Insect management and other practices to reduce Fusarium toxin risks in maize production

Prevention in the field

- * Romanian maize hybrids: behavior and fungal resistance
- * A smart breeding approach to attain durable resistance to Fusarium and mycotoxin contamination in maize
- * Predictive models for toxigenic fungi and major mycotoxins in crop eco-systems
- * Effective fungicide application for toxigenic fungi control
- * Climate change impact on agricultural systems
- * Resistance relations in maize to *A. flavus*, *F. graminearum* and *F. verticillioides*

A focus on maize related issues

- * Key challenges in maize production
- * Key issues and challenges in maize milling process
- * Concerning mycotoxins in animal feed and forages