



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

The 2nd MycoKey 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

Event's page

Main topics

Mycotoxins: general issues and economical aspects

- Occurrence and significance of mycotoxins in the maize chain in Europe
- The economic impact of mycotoxins on maize chain

Mycotoxin monitoring and smart cropping measures

- MycoKey actions on maize: 2016-2017 survey to decrease the risk of aflatoxin contamination in Romania
- Agronomic pathways and cropping factors for sustainable mycotoxin management in maize crops
- Fast and reliable detection methods for in situ quantification of mycotoxins

Prevention in the field

- Romanian maize hybrids: behavior and fungal resistance
- Biocontrol of *Aspergillus flavus* to prevent aflatoxin production: toxigenic vs. atoxigenic strains
- 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

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

ICT solutions

- The MycoKey app: mitigating the mycotoxin risk along the agro-food chain

Effective dialogue between researchers and the audience

