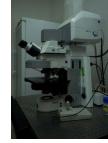


Implementation of a basic QM System

















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Pilot project introduction







- Project partners
 - **CEITEC Plant Sciences Facility & VBCF Plant Sciences Facility**
- Complementary equipment/expertise used for the project (including pictures, if possible)
 Previous experience in QM
- Basic project idea
 - To establish a basic QM and RM system which will facilitate high-quality of services
- Project goal
 - To improve and maintain high-quality of services and to mitigate potential risks on operational level.
- o Potential end-users:
 - Academic plant research groups (basic and applied research)
 - Food security agencies (AGES)
 - Plant breeding companies







Project implementation

Training in RM

Mapping of all Facility Process, protocols, methods, etc.

Translation to English

Establishing of a custom SOP layout and respective transcription of all protocols

Mapping of potential risks (technical and operational)

Establishing of check lists for:

- 1. Daily facility control procedures by the Facility technicians
- 2. Weekly technical facility control procedures by the Facility Head

Improving the phytotron alarm chain procedures

Risk assessment of **technical infrastructure** and establishing of **risk mitigation measures**: Mapping of available spare parts, mapping of missing spare parts

Establishing of **SOPs for the work with plant pathogens (e.g. viruses)**:

Pathogen risk assessment procedures

Risk mitigation measures: implementing a dedicated plant pathogen phytotron

Project results

SOPs for all operational processes

CHECK LISTS

- 1. Daily facility control procedures by the Facility technicians
- 2. Weekly technical facility control procedures by the Facility Head

NEW, IMPROVED ALARM CHAIN PROTOCOL IMPROVED PEST MANAGEMENT PROTOCOL

Technical risk mitigation measures:

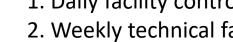
- 1. Replacement of the main cooling pump to a redundant twin pump (main risk)
- 2. Updated spare parts stock and inventory list
- 3. Technical check list (weekly)

SOP for the WORK WITH PLANT PATHOGENS (e.g. viruses):

Pathogen risk assessment protocol

Dedicated phytotron for work with plant pathogens

NEW Soil: Gramoflor 2006









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