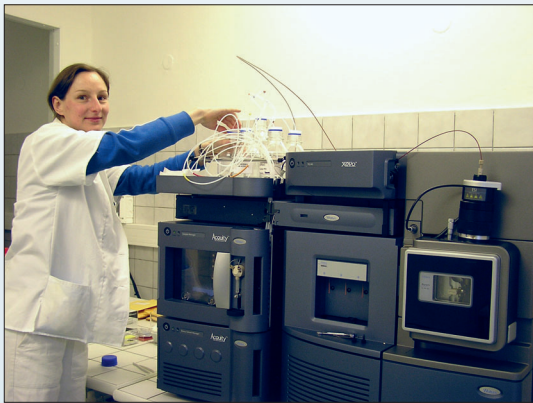


Publications
Unified work procedures, NRL
Bulletin, publication in professional
journals.



Activity

Division and Departments
of NRL

Co-operation
with Community
Reference Laboratories



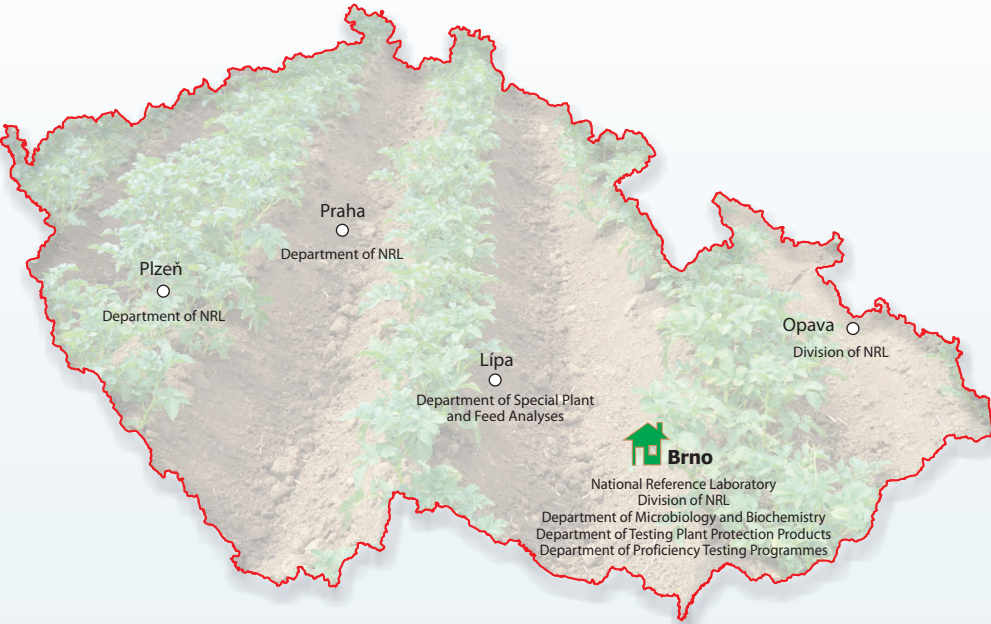
Contact

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National Reference Laboratory (NRL) activities are defined by the legal act concerning Central Institute for Supervising and Testing in Agriculture (ÚKZÚZ).

Divisions and Departments of NRL



- Laboratory analyses of feedingstuffs, fertilizers, soil, sludge, sediment, plant material, plant protection products and variety testing for technical divisions of the Institute.
- Laboratory methods – development, validation and introduction.
- Laboratory accreditation pursuant to ČSN EN ISO/IEC 17025:2005.
- Issuing and amending of the unified work procedures.
- Participation in creation, commenting on and introduction of relevant national standards (ČSN), European standards (CEN) and International standards (ISO) and binding provisions.
- Co-operation with Community Reference Laboratories (CRL).
- Co-operation with international organisations CIPAC and ESPAC.
- Providing of proficiency testing programmes MPZ ÚKZÚZ, accredited pursuant to ČSN EN ISO/IEC 17043:2010.
- Issuing of Certificates of qualification and preparation of the documents for the issue and withdrawal of the authorization to perform laboratory activities for external entities in accordance with relevant acts.
- Publication in NRL Bulletin and other professional magazines.

Divisions and Departments of NRL

Division of NRL Brno

Analyses of soil, sludge, plant material, feeding stuffs. Special analyses of pesticides, persistent organic pollutants (POPs), mycotoxins and other natural toxins, variety testing, calibration of methods for NIRS, stability and homogeneity testing for proficiency testing programmes.



Division of NRL Opava

Analyses of feeding stuffs, soil, including pedological parameters, polyaromatic hydrocarbons (PAHs), plant material, variety testing.



Department of NRL Praha

Analyses of feeding stuffs, feed additives, fertilizers.



Department of NRL Plzeň

Analyses of fertilizers, plant material, soil, water.



Department of Special Plant and Feed Analyses

Special analyses of potato virus infections, sample cultivation, precise identification of potato varieties, quality control of rape seeds, feeding stuffs analyses.

Divisions and Departments of NRL

Department of Proficiency Testing Programmes

Providing of proficiency testing programmes for quality control of external laboratories, quality control of Institute laboratories.



Department of Microbiology and Biochemistry

Detection and quantification of GMO in feeds and seeds, genotyping of varieties using DNA markers, soil microbiology, ecotoxicology.



Department of Testing Plant Protection Products

Physical, chemical and technical testing of plant protection products and materials.

