Jiří Mezera

Personal information

Birthdate:	December 4, 1992
Tel.:	+420 725 264 283
E-mail:	jiri.mezera@strom.cz

Education

2018–2023 **Mendel University in Brno, Faculty of AgriSciences,**
Doctoral study, Department of Agrosystems and Bioclimatology, General Plant Production
Dissertation: *Evaluation of the state of crop stands based on spectral measurements and making recommendations for locally targeted farming*
Supervisor: doc. Ing. Vladimír Smutný, Ph.D.

2015–2018 **Mendel University in Brno, Faculty of AgriSciences,**
Master 's degree, Plant Protection

2015–2017 **Mendel University in Brno, Faculty of AgriSciences,**
Master 's degree, Plant Production

2012–2015 **Brno University of Technology, Faculty of Electrical Engineering and Communication,**
Bachelor 's degree, Biomedical Technology and Bioinformatics

2008–2012 **Gymnasium Pelhřimov (grammar school)**

Experience

2023–2025 **STROM PRAHA a.s**
Production systems manager

2019–2025 **Mendel University in Brno, Faculty of AgriSciences,**
Department of Agrosystems and Bioclimatology
Researcher

2019–2022 **STROM PRAHA a.s.**
Cooperation in precision agriculture

2016–2018 **Mendel University in Brno, Faculty of AgriSciences,**
Department of Agrosystems and Bioclimatology
Cooperation on a project in precision agriculture

2011–2022 **Agrall servis a.s.**
Tractor and combine harvester operator

Honours and Awards

2021 International PhD Students Conference MendelNet – 2nd place
2019 The student prize of Selgen – 1st place
2019 International PhD Students Conference MendelNet – 3rd place
2018 International PhD Students Conference MendelNet – 2nd place
2018 The student price of Selgen – 1st place

Grants

Internal Grant Agency, Faculty of AgriSciences, MENDELU

AF-IGA2021 *Evaluation of preparation of prescription maps and strategy of nitrogen topdressing in cereals*
AF-IGA2020 *Use of satellite systems Landsat and Sentinel-2 for a variable rate application of fertilizers*
AF-IGA2019 *Evaluation of a variable rate application of nitrogen fertilizers in precision agriculture*

Language skills

Mother tongue
Czech
Foreign languages
English   *intermediate*
German   *basic*

Computer skills

Microsoft Office (Word, Excel, PowerPoint),
ArcGIS (ArcMap, ArcGIS Pro),   *advanced user*
MATLAB, STATISTICA   *basic user*

Driving license

Category B, T

20th August 2025