

Name: Tímea Pálma Szalóki

Position: assistant researcher

Year of obtaining scientific degree:

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Organizational unit name: MATE Institute of Environmental Sciences, Research Center for Irrigation and Water Management, Szarvas

Professional experience:

- 2021- MATE, Institute of Environmental Sciences, Research Center for Irrigation and Water Management, Szarvas, assistant researcher
- 2015-2021 National Agricultural Research and Innovation Centre, Research Institute on Irrigation and Water Management, Szarvas, Hungary
- 2012-2014 Szarvasi Agrár Private Limited Company, Szarvas, Hungary, crop production leader

Education, qualification:

- 2021- Doctoral studies, MATE Doctoral School of Plant Science, Gödöllő, Hungary
- 2016-2018 Szent István University, Master of Science in Agricultural Biotechnology (Plant Biotechnology specialisation), Gödöllő, Hungary
- 1998-2000 College of Agriculture, Second Degree in Plant Protection, Szarvas, Hungary
- 1995-1998 College of Agriculture, Degree in Crop Production, Szarvas, Hungary
- 1988-1992 Secondary Technical School of Janos Bartha, specialised in Flower Gardening and Horticulture, Szentes, Hungary

Research activity, field:

Breeding of rice varieties to improve the competitiveness of the Hungarian rice farming system and to produce high-quality food products. Description and improvement of abiotic and biotic stress tolerance of rice. Performing variety maintenance tasks to ensure seed supply of state-released rice varieties. Responsible for plant protection issues of field experiments.

Application and development of field and laboratory screening methods to select promising rice breeding lines. Examination of arsenic accumulation of rice varieties and the possibilities of arsenic reduction in rice grains by agrotechnical methods. Selection for good threshability of rice by improved threshing meter. Sustainable and environmental friendly application of pesticides on paddy fields. Detection of white tip disease nematode (*Aphelenchoides besseyi*) in rice seed lots.

Awards and recognitions:

Breeder of state released rice variety ‘SZV Szellő’ (2020)

Breeder of state released rice variety ‘SZV Tünde’ (2021)

Information on doctoral training:

https://doktori.hu/index.php?menuid=192&sz_ID=44283&lang=EN

Data of publications:

<https://m2.mtmt.hu/gui2/?type=authors&mode=browse&sel=authors10067416>

Taught subjects:

Optional thesis topics: