



Development of novel formulations for improved molybdenum fertilization

Fact Sheet

Project Information

DEMOFERTILIZER

Grant agreement ID: 890943

[Project website](#) 

DOI

[10.3030/890943](https://doi.org/10.3030/890943) 

Project closed

EC signature date

31 March 2020

Start date

1 October 2020

End date

29 June 2024

Funded under

EXCELLENT SCIENCE - Marie Skłodowska-Curie Actions

Total cost

€ 272 633,28

EU contribution

€ 272 633,28

Coordinated by

KATHOLIEKE UNIVERSITEIT
LEUVEN



Belgium

Project description

Scientists get their 'Mo-jo' working to help crops grow

Just as we look to a diet high in vitamins and minerals to keep ourselves healthy, plants require essential micronutrients. Molybdenum (Mo) is important for plant growth, and deficiency can have detrimental consequences for agriculture; therefore, mineral fertilisers enriched in water-soluble forms of Mo are commonly used. However, the fast release of Mo from soluble forms makes it difficult for plants to get what they need, as their access to Mo rapidly becomes limited due to losses by

leaching of these soluble forms to the groundwater. The EU-funded DEMOFERTILIZER project is developing slow-release fertiliser Mo compounds to better match Mo availability to plant need. Various formulations will be tested and compared to water-soluble Mo to find a way to make sure plants get the Mo they need.

Fields of science (EuroSciVoc)

[natural sciences](#) > [chemical sciences](#) > [inorganic chemistry](#) > **[transition metals](#)**

[agricultural sciences](#) > [agriculture, forestry, and fisheries](#) > **[agriculture](#)**

[natural sciences](#) > [biological sciences](#) > [biochemistry](#) > [biomolecules](#) > [proteins](#) > **[enzymes](#)**



Programme(s)

[H2020-EU.1.3. - EXCELLENT SCIENCE - Marie Skłodowska-Curie Actions](#)

MAIN PROGRAMME

[H2020-EU.1.3.2. - Nurturing excellence by means of cross-border and cross-sector mobility](#)

Topic(s)

[MSCA-IF-2019 - Individual Fellowships](#)

Call for proposal

[H2020-MSCA-IF-2019](#)

[See other projects for this call](#)

Funding Scheme

[MSCA-IF - Marie Skłodowska-Curie Individual Fellowships \(IF\)](#)

Coordinator



KATHOLIEKE UNIVERSITEIT LEUVEN

Net EU contribution

€ 272 633,28

Total cost

€ 272 633,28

Address

OUDE MARKT 13

3000 Leuven

 **Belgium** 

Region

Vlaams Gewest > Prov. Vlaams-Brabant > Arr. Leuven

Activity type

Higher or Secondary Education Establishments

Links

[Contact the organisation](#)  [Website](#) 

[Participation in EU R&I programmes](#) 

[HORIZON collaboration network](#) 

Partners (1)



PARTNER 

THE UNIVERSITY OF ADELAIDE

 **Australia**

Net EU contribution

€ 0,00

Address

NORTH TERRACE

5005 Adelaide 

Activity type

Higher or Secondary Education Establishments

Links

[Contact the organisation](#)  [Website](#) 

[Participation in EU R&I programmes](#) 

[HORIZON collaboration network](#) 

Total cost

No data

Last update: 12 December 2024

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European Union, 2025

