

HORIZON
2020

SUSTAINABLE STORAGE OF GRAINS BY IMPLEMENTING A NOVEL PROTECTANT AND A VERSATILE APPLICATION TECHNOLOGY

Fact Sheet

Project Information

novIGRain

Grant agreement ID: 101000663

[Project website](#)

DOI

[10.3030/101000663](https://doi.org/10.3030/101000663)

EC signature date

17 September 2020

Start date

1 October 2020

End date

30 September 2025

Funded under

SOCIETAL CHALLENGES - Food security, sustainable agriculture and forestry, marine, maritime and inland water research, and the bioeconomy

Total cost

€ 6 808 397,69

EU contribution

€ 4 907 841,05

Coordinated by

MAXILINE

 Belgium

Project description

Innovative solution to protect grains from pests

As insect pests can cause spoilage, extensive post-harvest losses and consequently financial losses, plant protection products (PPP) are widely used in the storage of grain. In the EU, however, increased insecticide resistance creates an urgent demand for targeted solutions against insect development at all stages, especially the larval stage. The EU-funded novIGRain project will develop a new type of PPP

for larvicide treatment combined with versatile dual application technology. Research will confirm that the use of the new larvicide active substance and formulation as a grain storage PPP is in line with EU regulations. With the novel grain protection insecticide and application technology, the project will effectively prevent and lessen insecticide resistance in the EU, offering a product of improved safety for consumers' health and the environment.

Fields of science

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

[natural sciences](#) > [biological sciences](#) > [zoology](#) > [entomology](#)

Keywords

[Resistance assessment](#)

[tool development](#)

[ULV Larvicide](#)

[Impact Assessment](#)

[Stakeholder interaction](#)

Programme(s)

[H2020-EU.3.2. - SOCIETAL CHALLENGES - Food security, sustainable agriculture and forestry, marine, maritime and inland water research, and the bioeconomy](#) MAIN PROGRAMME

[H2020-EU.3.2.1.1. - Increasing production efficiency and coping with climate change, while ensuring sustainability and resilience](#)

Topic(s)

[SFS-04-2019-2020 - Integrated health approaches and alternatives to pesticide use](#)

Call for proposal

[H2020-SFS-2018-2020](#)

[See other projects for this call](#)

Sub call

Funding Scheme

[IA - Innovation action](#)

Coordinator



MAXILINE

Net EU contribution

€ 290 440,50

Total cost

€ 414 915,00

Address

AVENUE LAMBEAU 110
1200 Woluwe-Saint-Lambert

 **Belgium** 

Region

Région de Bruxelles-Capitale/Brussels Hoofdstedelijk Gewest > Région de Bruxelles-Capitale/ Brussels Hoofdstedelijk Gewest > Arr. de Bruxelles-Capitale/Arr. Brussel-Hoofdstad

Activity type

Private for-profit entities (excluding Higher or Secondary Education Establishments)

Links

[Contact the organisation](#) 

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

[HORIZON collaboration network](#) 

Participants (9)



BABOLNA KORNYEZETBIOLOGIAL KOZPONTKFT

 Hungary

Net EU contribution

€ 1 410 266,47

Address

SZALLAS UTCA 6

1107 Budapest 

SME 

Yes

Region

Közép-Magyarország > Budapest > Budapest

Activity type

Private for-profit entities (excluding Higher or Secondary Education Establishments)

Links

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

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

[HORIZON collaboration network](#) 

Total cost

€ 2 014 666,38



SOJAM

 France

Net EU contribution

€ 200 830,00

Address

MAIL DES CERCLADES 2

95015 Cergy 

Region

Ile-de-France > Ile-de-France > Val-d'Oise

Activity type

Private for-profit entities (excluding Higher or Secondary Education Establishments)

Links

[Contact the organisation](#) 

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

[HORIZON collaboration network](#) 

Total cost

€ 286 900,00



VYZKUMNY USTAV ROSTLINNE VYROBY VVI

 Czechia

Net EU contribution

€ 305 687,50

Address

Drnovska 507

16106 Praha 6 

Region

Česko > Praha > Hlavní město Praha

Activity type

Research Organisations

Links

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

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

[HORIZON collaboration network](#) 

Total cost

€ 305 687,50



UNITED EXPERTS

 Belgium

Net EU contribution

€ 348 796,88

Address

KOOLMIJNLAAN 201

3582 Beringen 

SME 

Yes

Region

Vlaams Gewest > Prov. Limburg (BE) > Arr. Hasselt

Activity type

Private for-profit entities (excluding Higher or Secondary Education Establishments)

Links

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

[HORIZON collaboration network](#) 

Total cost

€ 498 281,25



TOXI-COOP TOXIKOLOGIAI KUTATO KOZPONT ZARTKORUEN MUKODO RT

 Hungary

Net EU contribution

€ 1 756 650,00

Address

MAGYAR JAKOBINUSOK TERE 4/B 5.EM.2.

1122 Budapest 

SME 

Yes

Region

Közép-Magyarország > Budapest > Budapest

Activity type

Private for-profit entities (excluding Higher or Secondary Education Establishments)

Links

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[HORIZON collaboration network](#) 

Total cost

€ 2 509 500,00



SCC SCIENTIFIC CONSULTING COMPANY CHEMISCH-WISSENSCHAFTLICHE BERATUNG GMBH

 Germany

Net EU contribution

€ 88 256,84

Address

AM GRENZGRABEN 11

55545 Bad Kreuznach 

Region

Rheinland-Pfalz > Koblenz > Bad Kreuznach

Activity type

Private for-profit entities (excluding Higher or Secondary Education Establishments)

Links

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

[HORIZON collaboration network](#) 

Total cost

€ 126 081,20



EIGEN VERMOGEN VAN HET INSTITUUT VOOR LANDBOUW- EN VISSERIJONDERZOEK

 Belgium

Net EU contribution

€ 167 521,36

Address

BURG. VAN GANSBERGHELAAN 92 BUS 1

9820 Merelbeke 

Region

Vlaams Gewest > Prov. Oost-Vlaanderen > Arr. Gent

Activity type

Research Organisations

Links

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

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

[HORIZON collaboration network](#) 

Total cost

€ 167 521,36



UBM GRAIN ZARTKORUEN MUKODO RESZVENYTARSASAG

 Hungary

Net EU contribution

€ 51 887,50

Address

KISVASUT UTCA 1

2085 Pilisvorosvar 

Region

Közép-Magyarország > Pest > Pest

Activity type

Private for-profit entities (excluding Higher or Secondary Education Establishments)

Links

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Total cost

€ 74 125,00



LINGE AGROCONSULTANCY B.V.

 Netherlands

Net EU contribution

€ 287 504,00

Address

OOSTERHOUTSESTRAAT 95

6678PG Oosterhout 

Region

Zuid-Nederland > Noord-Brabant > West-Noord-Brabant

Activity type

Private for-profit entities (excluding Higher or Secondary Education Establishments)

Links

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Total cost

€ 410 720,00

Last update: 23 December 2024

Permalink: <https://cordis.europa.eu/project/id/101000663>

European Union, 2025

