

Identificación del proyecto

Nombre del proyecto

Enhancement of organic viticulture by development of breakthrough phytosanitary formulation based on biodegradable capsules with anti-microbial properties

Expediente numero

CPP2022-009566



Descripción del proyecto

Historical use of Cu-based fungicides in vineyards leads to important increases of Cu concentrations in soils, which creates a significant risk to human health as well as causes negative environmental impacts environmental problems, in 2018 the Spanish government and other members of EU decided to follow a Copper minimization strategy that has subsequently been reflected in the (EU) 2018/848 legislation (effective from January 1, 2022). This new regulation establishes the principles of sustainable production and lays down the rules concerning organic production which is also referred to vine leaves.

In organic viticulture, organic farmers are only allowed to use naturally derived pesticides, made from plants, animals, microorganisms, or minerals. In this sense, the purpose of the FarmCOM project is to create an innovative platform for multi- and interdisciplinary research with the aim of development and production of biopesticides with acceleration and adoption of microcapsules-innovative solutions which are expected to provide a significant contribution to the sustainable use of pesticides and agricultural crops management plan and high input on environmental objectives of Spanish agriculture strategy under the common agricultural policy (CAP) 2023-2030.

Financiación

Entidad financiadora

MCIN/AEI /10.13039/501100011033 y por la Unión Europea NextGenerationEU/ PRTR

Importe

120.937,00 €