

2nd year of experimental cultivations of free-threshing wheat: archaeobotanical and agronomic synergies

At the end of November, Dr [Alexandra Livarda](#), the PI of the I+D [DarkAegean](#) project *The agricultural economy of the Aegean 'Dark Ages' through machine learning-powered 3D cereal grain morphometrics* (PID2022-139907NB-I00) visited the collaborating team of agronomers led by Dr Ioannis Mylonas at Thermi Thessalonikis, Greece. The researchers visited the fields and revised the work on the new year of cultivations of free-threshing wheat at the facilities of ELGO-DIMITRA.

This will be the second year of experimentally cultivating a series of free-threshing wheat landraces with different combinations of irrigation and manuring regimes towards the creation of a new methodological tool for the identification of agricultural regimes using the shape of grains with application to archaeology.

Dr [Livarda](#) and Dr Mylonas also had the chance to revise the new instruments bought this year to measure the characteristics of the experimentally cultivated plants and their grains and, importantly, set the 'seeds' for the next phase of their collaboration!





Part of the 2024 wheat harvest ready to be transported for the next step of the study.



The project **DarkAegean. The agricultural economy of the Aegean Dark Ages through machine learning-powered 3D cereal grain morphometrics (PID2022-139907NB-I00)** is funded by MCIN/AEI /10.13039/501100011033/ and by “FEDER Una manera de hacer

Europa”.

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«2nd Year of experimental cultivations of free-threshing wheat: archaeobotanical and agronomic synergies», GIAP website (ICAC), 5 de diciembre de 2024.

«New season of experimental cultivation in Greece!», ICAC, February 15, 2024.

«New season of experimental cultivations!», GIAP (ICAC), February 14, 2024.

«GIAP experimental cultivations in Greece: second year of successful harvest!», ICAC, July 30, 2022.

«Let the harvest begin! Second-year of experimental cultivations in Greece», ICAC, July 4, 2022.

«A GIAP project with experimental cultivations will create a new methodological tool for the investigation of agriculture in the past», ICAC, July 4, 2022.

«*Toquem Pedra!* Arqueobotànica: el que expliquen les llavors antigues». Con Alexandra Livarda, Tarragona Ràdio, May 25, 2022.

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