



Pre-breeding strategies for obtaining new resilient and added value berries



OPEN CALL #2

Genomic selection for strawberry (*F. xananassa*)

Genomic selection is used to select breeding material for further hybridization and/or for entering advanced cultivar trials based on their genomic breeding values rather than on phenotypic values. This approach shows better performance than traditional methods such as phenotype-based selection, pedigree-based selection, and marker assisted selection, particularly for polygenically inherited traits.

The objective of the BreedingValue Open Call#2 is to employ state-of-the-art methodology on breeders' material and implement genomic selection to the breeders. This can help the breeders to do selection in early stages of their breeding program, accelerating the generation cycles by identifying superior parents, and increasing likelihood of identifying good candidates for advanced trialing.



Applications

31 March–30 June 2021,
17:00 CET



Funding

2 projects à 20.000 €



Project duration

2021–2024



More infos

www.breedingvalue.eu/opencalls



The BreedingValue project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 101000747.

Application, evaluation and project preparation timeline:



31 March
Opening of
Open Call #2

**30 June at
17:00 (CET time)**
Deadline for
Submissions

July–August
Evaluation of
applications

September
Set up of
Contract

October
Project Start

About BreedingValue

The BreedingValue project aims to address the current berry breeding challenges for strawberries, raspberries and blueberries brought on by climate change, environmental preservation and the need for new cultivation systems as well as high-quality produce. The project will identify and introduce superior germplasm for European berry breeding programmes, as a valuable source to develop cultivars ensuring high yield combined with high sensorial quality by sustainable production methods under different climatic environments.

www.breedingvalue.eu



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