

Genomic selection for improving cocoa resistance and yields

PERSPECTIVES

It was the first time GS was used for cocoa. The high predictive ability values found indicate that GS is a promising method to improve both cocoa traits. For breeding programs, GS will be a promising alternative to the traditional marker-assisted selection for manipulating complex polygenic traits often controlled by many small effect genes. It could also allow to make predictions of trait values, from a training population, on trees only genotyped by molecular markers.

Responsable :

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