

Sustainable development of palm based agroABSYSs in Sahel using innovative sex markers

OBJECTIFS

The general objective is the development and use of a technological innovation based on molecular markers for the early sexing of palm trees. We propose to exploit the potential of high throughput genome sequencing methods and the exploration of palm genomic data to identify new sex markers. In collaboration with our partners from Niger, Benin and Djibouti, we propose to develop and evaluate innovative early sexing tools to select female plants with high added value to support actors in local sectors in a strategy of palm trees sustainable management in Sahelian countries. Thus, we will be able to create innovative solutions and assess their operational potential in the field, with a view to scaling up the technological approach across all the countries concerned.

Responsable :

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