

## Abstract

As we have already postulated, the fruit of the date palm is for Saharan populations, what the fruit of the olive tree is for the Mediterranean populations, namely a providential fruit with a cultural, nutritional, and health sense unparalleled. It determines an oasis ecosystem, which is the Sahara's own. In recent years, many works have been devoted to the physicochemical and medicinal properties of the fruit of dates. Some authors also mention many technological and biological transformations that may add value to these intrinsic properties in terms of practicality and functionality. In this communication, we review these potentialities, highlighting where possible the varietal aspect, considering the plant's genetic diversity. When we speak of features, we mean the technological and physiological implications.