

Identificación taxonómica de arvenses presentes en el cultivo de palma aceitera

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ABSTRACT

Arvenses are plants that appear on crops, its harmful role has been known for a long time, interfering in the growth, development and production. However others are beneficial, being host of natural enemies of certain pests. Know their taxonomy is really important to make a correct handling of these plants. The objective of this study was to determine the presence of arvenses in the cultivation of oil palm (*Elaeis guineensis* Jacq). Were identified a total of 241 samples, corresponding to 138 species. The material was collected from several palm farms located in the provinces of Esmeraldas, Guayas, Manabi, Orellana, Santo Domingo and Sucumbios. In this study it has been found that the Poaceae family is the best represented, followed by Asteraceae, Solana-ceae, Cyperaceae, Euphorbiaceae, Fabaceae and Rubiaceae as families with an increased presence among the arvenses in palm. The plants once pressed and dried were identified with the help of taxonomic keys of the Flora . of Ecuador and Latin America, and finally preserved in the Herbarium of AGROCALIDAD as proof of this study and to perform future intercomparisons and molecular studies.

Keywords: Arvenses, *Elaeis guineensis* Jacq., herbarium Oil palm, taxonomy identification.

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