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BIO-CHEMICAL COMPOSITION OF AZOLLA MEXICANA UNDER MENEMEN CLIMATIC CONDITIONS

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ABSTRACT

The purpose of this study was to determine the chemical composition of an Azolla genotype (*A.mexicana)* and to compare it with other organic fertilizers. In this study the chemical composition was analysed as follows; Nitrogen 3.92%, Phosphorus 0.52%, Potassium 1.25%, C/N 10:1, dry mass value 4.5-6.3%, Crude protein 23.3% and Chlorophyll 0.1-0.2 mg/gr.

As a result it could be concluded that *A. mexicana* could be a fertilizer alternative to mineral fertilizers on the basis of organic matter by enhancing the organic content of soil by decomposing in a short period.