## Borassus aethiopum Mart Mature Fruits Macro-Composition, Drying Temperature Effect on Its Pulp Protein, Fat, Sugars, Metabolizable Energy, and Fatty Acids Profile

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**Abstract :** The work aimed to study Borassus aethiopum Mart (B.a) dried pulp nutritional value for its incorporation in human and poultry diets. Firstly, the mature fruit macro-composition was assessed. Secondly, the pulp was dried at 40, 50, 60, 70, and  $80^{\circ}$ C. Thereafter, the analysis was performed for fat, protein, total sugars, Ca, P, Mg, and fatty acid profile monitoring. As a result, the fruits weighed 1,591.35, delivered 516.73, and 677.82 grams of pulp and seeds, respectively. Mainly, increasing heat adversely affected the outputs. Consequently, the fat results were  $11.2, 12.97, 8.93, 8.99^{\circ}$ , and 10.56, 9.99, and 10.5

Keywords: Borassus aethiopum Mart, fatty acids, metabolizable energy, minerals, protein

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