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PaperTitle **Quality Evaluation of Fortified Sorghum for the use in the Management of HIV+ Children in Botswana**

Main Author **Mmereki Robert Mr**

Presenter **Mmereki Robert Mr**

Foods Botswana Food Chemist P.O.Box 70498,Gaborone,Botswana BOTSWANA maletej@mopipi.ub.bw

Co-Authors

ABSTRACT

The extent to which food-based nutritional interventions can mitigate the progression of HIV disease in children is largely unknown. This is because the agriculture, nutrition and HIV/AIDS link has been a neglected dimension in the multi-sectoral approach for HIV/AIDS management. The nutritional composition, protein, microbiological and sensory quality of an extruded bean / sorghum fortified product used in a clinical trial to demonstrate the role of nutrition in the management of HIV/AIDS was assessed. The quality of the experimental product was assessed equal to a similar soy-based product and both children and adults rated sensory attributes such as color, appearance, taste / flavor, thickness and overall acceptability of the product highly. The product also resulted in positive effects in growth for HIV+ children. These findings suggest that there is a need for including the use of high quality fortified foods in addition to ART in improving the nutritional status of vulnerable populations infected by HIV/AIDS.