

ABSTRACT

This research work was on maize (*Zea mays*) adjunct in sorghum (*Sorghum vulgare*) beer brewing. The sorghum was malted and milled. Malting was achieved by steeping the grains in water at 28°C for 48 hrs. Germination of the grain was allowed for 72 hrs and kilned in an air oven at 55°C for 48 hrs. Maize as an adjunct was incorporated into the malted and milled sorghum during mashing, which was done by the use of water. The mash was then boiled with hops to sterilize the concentrate as to extract soluble material for the beer. Fermentation was also carried out using a locally made fermented *Saccharomyces cerevisiae* as the chosen yeast, which was inoculated into the mash and allowed to ferment for 7-12 days at 20°C respectively for primary and secondary fermentation. The product was later packaged in a sterilized bottle and covered. The use of maize as an adjunct in sorghum beer brewing is to improve the sugar level of the mash, consequently the diastolic power.

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MAIZE ADJUNCT IN SORGHUM BEER BREWING

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