

PROXIMATE COMPOSITION OF SORGHUM GRAIN AND PEARL MILLET

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ABSTRACT

Millet is one of the foremost dry season safe crops in terms of world agrarian generation. Sorghum and pearl millet are the major millet crops developed in India. Sorghum and Pearl millet grain were analysed for proximate composition. The results found that the moisture, protein, crude fat, ash, carbohydrate, crude fibre and energy value of sorghum grain were 11.08 g/100g, 10.27g/100g, 3.26g/100g, 1.12g/100g, 72.91g/100g, 1.65g/100g and 359.19 kcal respectively. The minerals, for example, calcium (Ca), phosphorous (P), iron (Fe) and zinc (Zn) of sorghum grain were 21.40, 210.03, 4.14, and 1.65 mg/100g. The moisture, protein, crude fat, crude fibre, ash, carbohydrate and energy value of pearl millet was 12.20 g/100g, 11.59 g/100g, 4.4 g/100g, 1.55 g/100g, 1.6 g/100g, 68.64 g/100g and 360.6kcal/100g respectively. Ca, P, Fe and Zn mineral content of pearl millet was 30.40, 292.08, 8.45 and 7.14mg/100g respectively. The proximate analysis revealed that these grains have appreciable amounts of nutrients.

KEYWORDS: *Millet, Sorghum, Pearl Millet, Proximate Composition.*

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