ABSTRACT
The present investigation was carried out to study the physical properties of two varieties of Ragi (GPU-28 and L-15). The average sizes of grain sample taken for the study were 1.7 and 1.63 mm for GPU-28 and L-15 ragi varieties, respectively. 1000 grains weight was 3.39 g for GPU-28 as compared to 3.27 g for L-15 ragi. There was not much difference in specific gravity between the two varieties. The bulk densities of 733.6 and 731.67 kg/m$^3$ were recorded for GPU-28 ragi L-15 varieties of ragi, respectively. Angle of repose and angle of friction for GPU-28 variety ragi were 17°-58' and 30°-58', respectively. For L-15 ragi, the angle of repose was 17°-31' and the angle of friction 30°-22'. The grain samples contained a moisture content of 9.61 and 9.58 per cent for the varieties GPU-28 and L-15 ragi, respectively. The colour of GPU-28 was very attractive with red brown, while that of L-15 was brown on dark brown. The colour also plays an important role as for as consumer’s acceptance is concerned. It was noted that, the GPU-28 was bold in size (1.70 mm) while the L-15 was smaller (1.63 mm). Of the factors investigated, the seed size and bulk density showed linear relationship with milling yield.