ABSTRACT

The physical properties custard apple fruits (Annona squamosa) of balnagar variety obtained from the farmer’s field were determined. These property included fresh fruit weight, size, arithmetic mean diameter, sphericity, surface area, true density, seeded pulp content, deseeded pulp content, peel content, number of seeds per fruit and volume of custard apple fruit varied in the ranged of 114.8 to 231.64 g, 58.92 to 74.15 mm, 57.41 to 76.80 mm, 0.92 to 1.00, 109.02 to 172.66 cm$^2$, 0.74 to 1.7 g/cc, 37.06 to 67.11 %, 32.17 to 50.99 %, 32.89 to 62.94 %, 3.27 to 22.84 % and 100 to 220 cm$^3$, respectively. This study showed considerable variation in some physical properties of custard apple fruit. These properties can be useful for design of process equipment for custard apple.

KEYWORDS: Physical Properties Custard Apple Fruits (Annonasquamosa)