Title	Some physico-mechanic properties of cherry laurel (*Prunus lauracerasus* L.) fruits
Author	Sedat Çalıır and Cevat Aydın
Citation	Journal of Food Engineering Volume 65, Issue 1, November 2004, Pages 145-150
Keyword	cherry laurel; property; Prunus lauracerasus

Abstract

Physical properties of cherry laurel fruits were evaluated as a function of moisture content. The average length, width, thickness, the geometric mean diameter, unit mass and volume of cherry laurel fruits were 13.05, 14.10, 11.26, 12.71 mm, 0.95 g and 1.10 cm^3 respectively. In the moisture range from 9.0% to 77.5% wb, studies on re-wetted cherry laurel fruit showed that the bulk density increased from 450 to 615 kg/m^3, true density increased from 950 to 1050 kg/m^3, porosity decreased from 52.63% to 42.38%, projected area increased from 1.63 to 4.03 cm^2, and terminal velocity increased from 6.4 to 8.2 m/s. The rupture strength of cherry laurel fruits decreased with increasing moisture content. In the same moisture range 9.0–77.5% wb, the static and dynamic coefficient of friction varied from 0.16 to 0.48 for fruits over different material surfaces.