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Effect of moisture content on bulk density and angle of repose and co-efficient of friction of faba bean (*Vicia faba* L.)

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ABSTRACT : This study was carried out to evaluate the effect of moisture content on some physical properties of three varieties of faba bean (JV-1, JV-18 and JV- 2). The physical properties of the varieties were determined at four levels of moisture content, including 9, 11, 13 and 15% (w.b.). The results revealed that angle of repose were in the ranges of 0.36 to 0.43 radian. For all of the varieties, by increasing the moisture content the bulk density increased. JV-2 variety of faba bean is best for the designing hoppers, blowers and also for milling than other two varieties.

KEY WORDS : Angle of repose, Bulk density, Faba bean

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