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Armeniaca prunus Armeniaca

vulgaris

Anon., 2001; Anon.,)

(2007a

(Moghtader, 1989)

Anon.,)

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(2001

(Moghtader, 1989)

C B A

(A)

(Moghtader, 1989)

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B₁₇ C A

(Anon., 2007b)

rhbeigi@ut.ac.ir :

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(Gezer *et al.*, 2002)

MDF

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2 ± 101°C

(Moghtader, 1989)

(Ghaebi, 2008; Kashaninejad *et al.*, 2006)

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(L)

Aydin,) (Aydin, 2002)

(W)

(Calisir *et al.*, 2004) (2003

(T)

(Hacisefrogullari *et al.*, 2007)

/ mm

(Gezer *et al.*, 2002)

/

(Jannatizadeh *et al.*, 2008)

(V_s)

Fathollahzadeh *et al.*,)

/

(2008a

Fathollahzadeh *et al.*, 2008b Ahmadi ;)

(*et al.*, 2008

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(Hassan-Beygi *et al.*, 2009)

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$$\phi = \frac{(LWT)^{\frac{1}{3}}}{L} \quad ()$$

$$\varepsilon = 100 \left[1 - \frac{\rho_b}{\rho_f} \right] \quad ()$$

$$S = \frac{\pi BL^2}{2L - B} \quad ()$$

$$B = (WT)^{0.5}$$

$$= V_s \text{ (g)} = M$$

$$= W \text{ (mm)} = L \text{ (cm}^3\text{)}$$

$$= \rho_b \text{ (mm)} = T \text{ (mm)}$$

$$\text{(kg/m}^3\text{)}$$

) Canon Ixus 65
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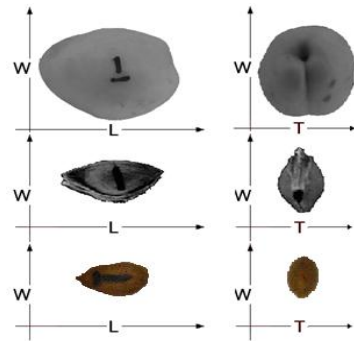
:(Mohsenin, 1986; Strohine & Hamann, 1994)

$$V_s = \frac{M_{bws} - M_{bw}}{\rho_w} \quad ()$$

$$= M_{bws}$$

$$= \rho_w \text{ (g)} = M_{bw} \text{ (g)}$$

$$\text{(cm}^3\text{)} = V_s \text{ (g/cm}^3\text{)}$$



mm

mm

(Aydin, 2002; Sessiz *et al.*, 2007)

$$(\rho_f)$$

$$(S) \quad (D_g) \quad (\varepsilon)$$

$$(\phi)$$

Olaoye, 2000;)

(Pliestic *et al.*, 2006; Haciseferogullari *et al.*, 2007

(Mohsenin, 1986; Gezer *et al.*, 2002;

.Haciseferogullari *et al.*, 2007)

$$\rho_f = \frac{M}{V_s} \quad ()$$

$$D_g = (LWT)^{\frac{1}{3}} \quad ()$$

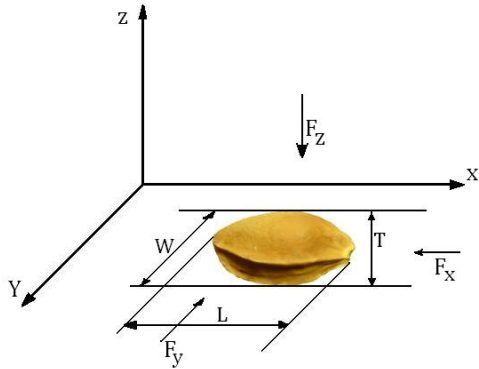
()

Gezer *et al.*,) () (E_a)
(2002)

$$E_a = \frac{1}{2} F_r D_r \quad ()$$

(2008) Ghaebi,

D_r F_r



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Y () X
Z ()
(P)

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Mohsenin,) ()
(1986; Vursavus & Ozguven, 2004

$$V = \frac{\pi}{6} (LWT) \quad ()$$

ASAE
(ASAE S368.3, 1998)

$$p = \frac{E_a}{V} \quad ()$$

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(2007) Haciseferogulları *et al.*

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قرمز شاهرود			خصوصیات مکانیکی
مغز	هسته	میوه	
۱۱۵/۵۶±۱۴/۹۲	---	۱۴/۱۰±۱/۵۲	نیروی لهیدگی (N)
----	۱۷۵/۱۳±۳۴/۶۳	۲/۰۴±۱/۲۲	مدول الاستیک (MPa)
			ضریب اصطکاک استاتیکی
۰/۴۴۲±۰/۰۲۱ ^b	۰/۴۷۳±۰/۰۰۸ ^a	۰/۴۵۳±۰/۰۴۸ ^a	ورق فولادی معمولی
۰/۴۸۳±۰/۰۱۹ ^b	۰/۳۷۱±۰/۰۲۰ ^b	۰/۴۲۸±۰/۰۵۵ ^a	ورق فولادی گالوانیزه
۰/۶۴۳±۰/۰۴۵ ^a	۰/۴۳۴±۰/۰۰۷ ^a	۰/۳۷۱±۰/۰۹۰ ^b	تخته چند لا
			سفتی زردآلو (N)
---	---	۱/۳۵±۰/۵۱ ^a	بالا
---	---	۱/۰۹±۰/۳۴ ^a	وسطا
---	---	۱/۰۲±۰/۴۳ ^a	پایین

*درج حروف غیر مشابه در یک ستون بیانگر تفاوت معنی دار در سطح احتمال ۱٪ است.

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(2007) Haciseferogullari *et al.*

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(2008) Ahmadi *et al.*

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(MS)		
F _i (N)	D _i (mm)	P(mJ/mm ³)
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/ **	/ **	/ **
/	/	/

x

** معنی دار در سطح احتمال ۱٪

Y

Z

Vursavus & Ozguven,)

(2004

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(2004) Vursavus & Ozguven, (Ahmadi et al., 2008)

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Z Y X

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Z Y

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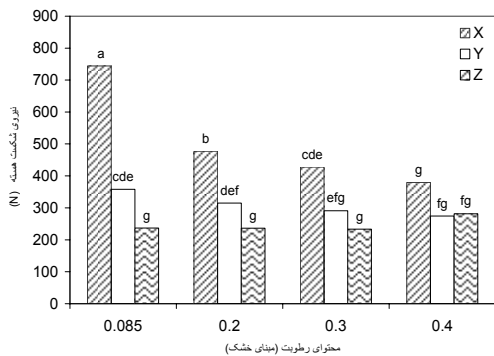
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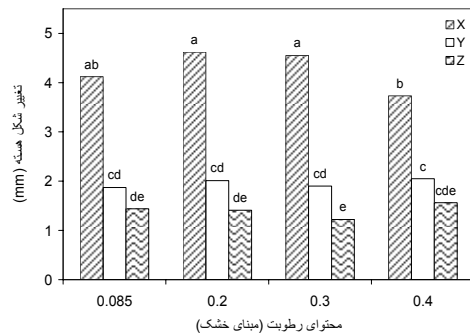
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% Z Y

X

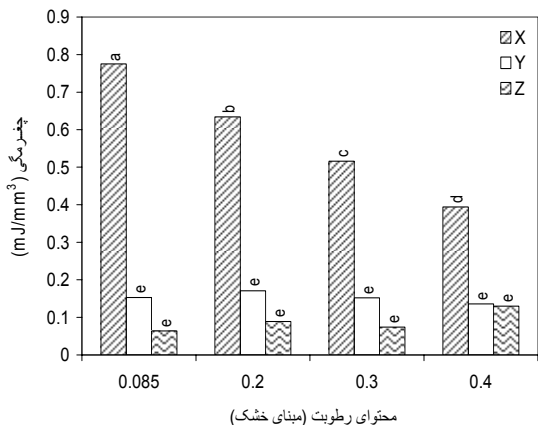


(Z Y X)

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(2004) Vursavus & Ozguven

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Z Y

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