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(Afkari Sayyah (Masodi, & Tabatabai, 2002)
(Minaei, et al, 2004) & Minaei, 2002)
(Minaei, et al., 2003)

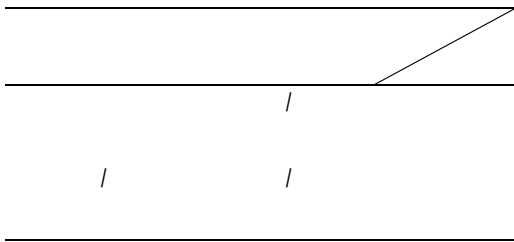
(Van linden, (Desmet, et al., 2004) /
.et al., 2006)

(Bargel &
.Neinhuis, 2005)

1. Epidermis
2. Cuticule

(ASAE, 1999)

(Afkari-Sayyah, et al., 2006)



(Afkari &

.Sayyah, 2004)

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mm/min

(ASAE, 1999)

()

()

: Excel ()

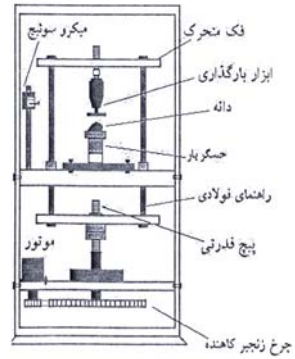
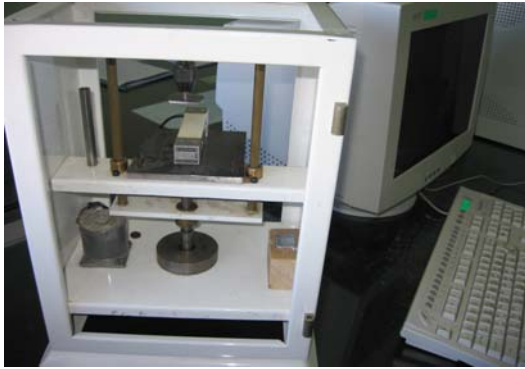
$$\int_a^b f(x)dx = \frac{n}{2}(F_1 + 2F_2 + 2F_3 + \dots + 2F_n + F_n + 1) \quad ()$$

1. Lyiopersicon Esculentum Mill
2. Petoerly-Ch
3. Supper - Bta
4. Pink
5. Ripening
6. Maturity
7. Plasmolism

8. OHAVSCO 2kg Capacity Harrord Trip Balance
 9. Tarbiat Modarres University

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(Pink)

(Ripening)

(Maturity)

(Plasmolism)

Excel

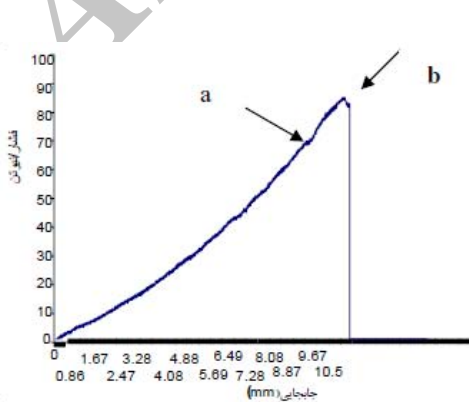
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) MSTAT-C

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(S)



(:b :a)

() - ()

(Shekari,

.et al., 2006)

()

/	/	/	/	(Mj/cm ³)
/	/	/	/	(N)
/	/	/	/	(mm)
/	/	/	/	(mm)
/	/	/	/	(N)

() ()

(MS)

Y _d	Y _F	D _{max}	F _{max}
ns	/ **	/ ***	/ *
/ ns	/ *	/ *	/ **
/ ns	/ ns	/ ns	/ ns
/ **	/ **	/ ns	/ *
/ ns	/ **	/ **	/ **
/ *	/ **	/ ns	/ *
/ ns	/ ns	/ ns	/ ns
/	/	/	/
% /	% /	% /	% /

(C.V)

:Y_d

:Y_F

:D_{max}

:F_{max}

() ()

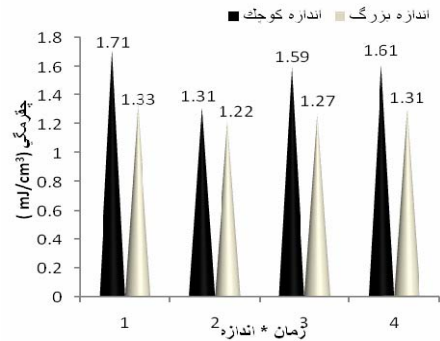
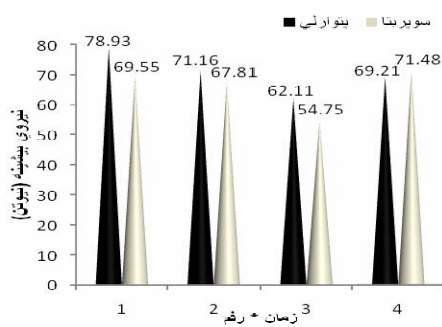
/ mJ/cm^3

()

/

$\text{mJ/cm}^3 \setminus 3 \pm 3$

(Cakr, 2001)



/ /

(VanLinden,

$62/65 \pm 4/8$

et al., 2006)

/

(Fridley & O Brien, 1964)

/ /

(Nyborg, 1969)

Y_d	Y_f	F_{max}	
/ b	/ a	/ a	/ b
/ c	/ ab	/ ab	/ a
/ a	/ c	/ b	/ b
/ a	/ bc	/ b	/ b

c

a

%

/ /

/

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