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($p < 0.01$)

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(Mishra et al., 1996)

(*Cicer arietinum* L.)

(1992) Singh & Dixite .(Harris, 1996)

(2000) Kamel & Soltani .

(Burlyn & Kaufman, 1973)

$$\Psi = (2.67 \times 10^{-4})CT + (8.39 \times 10^{-7})C^2T - C(1.18 \times 10^{-2}) - (1.18 \times 10^{-4})C^2$$

$$\begin{aligned} \frac{\partial \Psi}{\partial C} &= \Psi \\ \frac{\partial \Psi}{\partial T} &= C \\ \frac{\partial \Psi}{\partial C^2} &= T \end{aligned}$$

(Alvarado et al., 1987)

(Singh & Dixite, 1992)

$$C_M = C/M$$

$$\begin{aligned} \frac{\partial C_M}{\partial C} &= C_M \\ \frac{\partial C_M}{\partial M} &= C \\ \frac{\partial C_M}{\partial C^2} &= M \end{aligned}$$

(Finch-savage et al., 2004)

(Bradford, 1995)

°C

(1999) Musa et al. .(Kaur et al., 2002)

°C

%

(2001) Harris et al.

(Verma et al., 2005)

$$GR = \sum (n/t)$$

$$GI = \frac{(8 \times n_1) + (7 \times n_2) + \dots + (1 \times n_7)}{\text{کل بذور جوانه زده}}$$

1. Germination rate
2. Germination index

(KNO₃)

(PEG)

...

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=GR

= GI

= n

= t

(LSD)

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/ ns	/ ns	/ ns
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/ *	/ ns	/ ns
/ *	/ ns	/ ns
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/ *	/ ns	/ ns
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: ns

%

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Archive of SID

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(Yazdi-Samadi et al., 2001)

(p < 0.05)

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(2002) Satvir et al.

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MSTAT-C

LSD

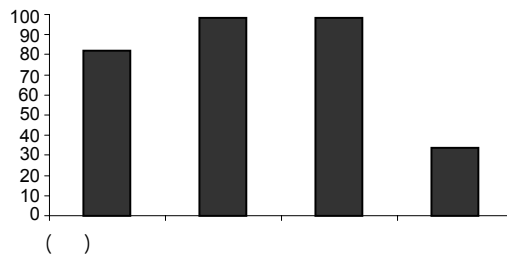
Malek ()

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(1992)

(2002) Kaur et al.

(%)



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(%)

(%)

(LSD)

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(1992) Singh & Dixite

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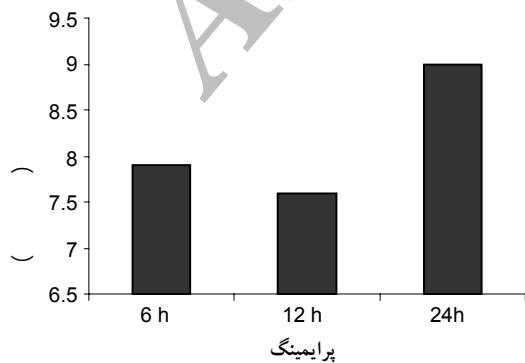
() %

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(2005) Harris

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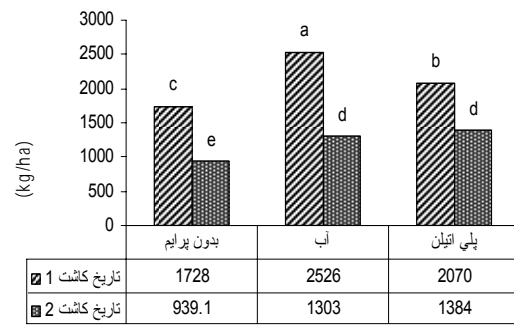
پرایمینگ

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(LSD)



(LSD)

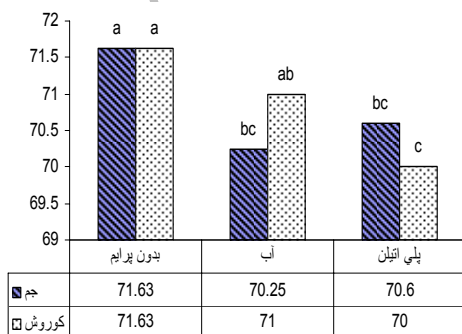
Harris et al. ()

(2001)

Musa et al.

(1999)

(2002) Kaur et al.



(LSD)

(1992) Varshney .

(LSD) ()

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/			/	/	/				(D)
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ns	/ ns	/	/ ns	ns	/ ns				(v)
/ ns	/ ns	/ ns	/ ns	ns	/ ns	ns			(v) × (D)
/ ns	/	/ ns	/ ns	/ ns	ns	ns			(v) × (P)
/ ns	/ ns	/ ns	/ ns	/ ns	/ ns	ns			(P) × (v) × (D)
/	/	/	/	/	/	/			(e)
/	/	/	/	/	/	/	(%cv)		
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(LSD)

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/ b	/ b	/ a	/ a	/ b	/ a	/ a			
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/ a	/ a	/ a	/ a	/ b	a	/ a		()	
/	/	/	/	/	/	/		LSD (p < 0.05)	

(LSD)

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/ b	/ b	b	/ b	/ b	b	b	b	/ b	

PEG

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