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Setaria italica

P. miliaceum

Panicum antidotale

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(Hashemi Dezfule, 1998)

(Smith & Cobb, 1991)

(Rahimian & Kazem

.Abad, 1991)

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(Karimi, 1996; Heydary &

.Doori, 2003)

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(Robert & Grant, 1968)

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(Nakhoda et al., 2000)

(Hashemi Dezfule, 1998)

(Richard & Wiebold, 1999)

(Haghiri, 2002; Mohsen, 2002)

(Mir Mohammadi & Ghareyazi, 2002; Jafarian,
2001; Hashemi Dezfule, 1998)

(Haghiri, 2002)

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(Ali et al., 2003; Saidi, 2002; Maghtoli & Chaichi,
1999; Taylorson, 1986)

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(Bradford, 1985; Haghiri, 2002)

(Heydary Sharif Abad & Doori, 2003
Khodabandeh, 1998)

NaCl KNO3
(Dearman et al., 1987; Drew et al., 1997)

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(Anthony & Barlow, 1987; Ghazi. & Karaki,
.1998)

(Heydary Sharif Abad & Karimi, 1996;
Khodabandeh, 1998; Doori, 2003)

(Haghiri, 2002; Mohsen, 2002)
(1985) Bradford

(2001) Haghiri .

(Foti et al., 2002)

(Burlyn & ()
Kaufman, 1973)

(Dearman et al., 1987)

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

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() = T

(Anthony & Barlow, 1987)

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1. *Panicum miliaceum*
 2. *Panicum antidotale*
 3. *Setaria italica*
 4. Poly ethylen glycol (PEG 6000)

(Heydary Sharif Abad &
.Doori, 2003)

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 (Scott, 1984)

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SAS Mstatc
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Exel

(3)

$$\text{متوسط مدت جوانه زنی} = \frac{\sum Ni Ti}{N}$$
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 =Ni
 =Ti
 =N
 (4)

$$\text{سرعت جوانه زنی} = \frac{1}{\text{متوسط مدت جوانه زنی}}$$

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(Alizadeh, 1999)

$$\Psi = RITC$$

$$= C \text{ (Mpa)} = \Psi$$

$$= R$$

$$= T \text{ (/ L Mpa mol}^{-2} \text{ K}^{-1})$$
 (K)

(1996) ISTA

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1. NaCl
 2. International Seed Testing Association

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Bouteloua curtipendula
Eragrostis lehmanniana *Cenchrus ciliaris*
 / (*Panicum coloratum* /)

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(Muhammad et al., 2003)

(Hardegree & Van,

.2000)

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.(Kang et al., 1996)

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.(Kang & Cho, 1996)

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.(Foti et al., 2002)

Festuca

Bromus arundinacea *Dactylis glomerata*
catharticus

F.

.(Maurmicale & Cavallaro, 1996) *arundinacea*
(1985) Bradford

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e	c	cd	b	cd	b	-
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f	f	f	de	f	de	-
b	a	bc	a	b	a	
d	b	bc	ab	d	c	-
E	c	c	bc	e	d	-
f	de	d	c	f	e	-

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.(Wiebe & Muhyaddin, 1987)

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d*	a*	c	a	b	a	°C
f*	e*	f	e	c	b	°C
c*	b*	d	b	b	a	°C

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/ b	/ a	/ b	/ a	/ b	/ a	°C
/ e	/ d	/ d	/ c	/ d	/ c	°C
/ c	/ ab	/ b	/ a	/ c	/ a	°C

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/ ab	/ A	/ c	/ a	/ ab*	/ a*	°C
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/ b	/ a	/ b	/ a	/ b	/ a	-
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(1991) Zhang

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/ bc	/ a	/ c *	/ a*	/ b*	/ a*	°C
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/ c	/ b	/ d*	/ b*	/ b*	/ a*	°C

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