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(Daneshian, 2000; Shahmoradi, 2003)

(Khajouee-Nezhad et al., 2004)

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(Daneshian, 2000; Shahmoradi, 2003)

(Gliessman, 2006)

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(Alizadeh et al., 2005)

(Alizadeh et al., 2005)

(Serraj et al., 1999)

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(El-Bassiouny & Shukry, 2001)

(Tarumingkeng & Coto, 2003)

(El-Bassiouny & Shukry, 2001)

(Rostami & Yazdi

.Samadi, 1992)

ppm

(Mohammadazadeh & Mivechi-Langroddi,  
.1998)

(Palmer et al., 1995)

(Shafee-Zarghar, 1996)

(Hasanzadeh-Ghortapa, 2000)

(Shafee-Zarghar, 1996)

(Shafee-Zarghar,

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(Chosh et al., 2004)

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1. Soil organic carbon
  2. Part per million

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(Tarumingkeng &

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.Coto, 2003)

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.(Muir, 2002)

.(Hashemabadi & Kashi, 2004)

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.(Yang et al., 2004)

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.(Roosta et al., 2002)

.(Covarrubias et al., 1995)

.(Shahmoradi, 2003)

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.(Hasanzadeh-Ghortapa, 2000)

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(Daneshian, 2004;

.(Daneshian, 2004)

.Daneshian et al., 2002; Shahmoradi, 2003)

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(Gonzalez-rodriguez et

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Sr	Se	Pb	Ni	Mo	Cr	CO	C <sub>d</sub>	Ba	As	Al	Cu	Mn	Zn	K	P	N
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ppm

(TN)	(ppm)	(ppm)	(pH)	(dS/m)	(gr/cm <sup>3</sup> )	(gr/cm <sup>3</sup> )	(cm)
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%				
(cm)	(cm)	(cm)	( )	(mm)
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/ ab	/ ab	/ b	/ b	/ b
/ b	/ b	/ b	/ b	/ b
/	/	/	/	LSD
/ b	/ b	/ c	/ c	/ c
/ b	/ a	/ bc	/ b	/ c
/ ab	/ a	/ ab	/ b	/ b
/ a	/ a	/ a	/ a	/ a
/	/	/	/	LSD
/ ab	/ ab	/ abc	/ bc	/ cd
/ a	/ a	/ ab	/ b	/ bc
/ a	/ a	/ a	/ b	/ ab
/ a	/ a	/ a	/ a	/ ab
/ ab	/ b	/ def	/ d	/ fg
/ ab	/ ab	/ cdef	/ cd	/ fg
/ ab	/ a	/ b-e	/ bc	/ def
/ a	/ ab	/ ab	/ bc	/ cd
/ b	/ b	/ f	/ d	/ g
/ b	/ ab	/ ef	/ cd	/ fg
/ ab	/ ab	/ b e	/ cd	/ ef
/ ab	/ ab	/ bcd	/ bc	/ cde
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(Tarumingkeng & Coto, 2003)

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(Daneshian,

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(Tarumingkeng & Coto, 2003)

(Liu et al., 2004)

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(Gliessman, 2006) ( )

(Lupway et al., 2000)

(Schwining, et al., 2005)

(Gonzalez-rodriguez et al., 2005)

(Ghosh et al., 2004)

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(Peter, 2000)

(Tarumingkeng & Coto, 2003)

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(Palmer, et al., 1995)

(Reddy et al., 2000) ( )

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%				
(kg/ha)	(g)	( ) (mm)		
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/ b	/ a	/ b	/ a	/ b
/ c	/ b	/ b	/ a	/ b
/ / / / /				LSD
/ b	/ b	/ c	/ a	/ b
/ b	/ a	/ b	/ a	/ b
/ a	/ a	/ a	/ a	/ b
/ a	/ a	/ a	/ a	/ a
/ / / / /				LSD
/ b	/ bc	/ cd	/ a	/ a-d
/ ab	/ ab	/ ab	/ c	/ a-d
/ ab	ba /	/ ab	/ ab	/ ab
/ a	/ a	/ a	/ c	/ a
/ c	/ bc	/ f	/ bc	/ e
/ c	/ a	/ de	/ abc	/ cde
/ b	/ a	/ cd	/ abc	/ cde
/ b	/ a	/ bc	/ abc	/ abc
/ c	/ c	/ g	/ abc	/ e
/ c	/ bc	/ ef	/ abc	/ de
/ c	/ bc	/ de	/ a	/ de
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.(Daneshian, 2000)

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F	MS	SS
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/ a	/ b	/ a	/ a	
/ a	/ ab	/ ab	/ a	
/ b	/ ab	/ b	/ b	
/	/	/	/	LSD
/ d	/ a	/ bc	/ bc	
/ d	/ a	/ ab	/ ab	
/ d	/ a	/ ab	/ ab	
/ d	/ a	/ c	/ c	
/ b	/ bc	/ ab	/ a	
/ b	/ bcd	/ ab	/ a	
/ c	/ bc	/ ab	/ ab	
/ bc	/ cd	/ ab	/ ab	
/ a	/ bcd	/ a	/ a	
/ a	/ d	/ ab	/ a	
/ a	/ d	/ ab	/ a	
/ bc	/ b	/ ab	/ ab	
/	/	/	/	LSD

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