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ehsan@tabrizu.ac.ir : - *

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Tiller)

.(& Merry 1981

Marschner)

.(1995

.(Sandmann & Böger 1983)

.(Marschner 1995)

(Horiguchi & Morita 1987)

(Loneragan *et al.* 1976)

(Fernandes & Henriques 1991)

Erenoglu *et al.*)

(2002, Hajiboland & Römheld 2001

pH

Pendias & Pendis)

(1992

Harris & Taylor 2001,)

(Cakmak *et al.* 2000

(Hajiboland & Römheld 2001)

(Pendias & Pendis 1992)

(McNair *et al.* 2000)

(Horst 1988)

(Burnell 1988)

Schat &)

(Kalf 2000

()

(Strange & Mc-Nair 1991)

(Wellburn 1994)

(Iwasaki & Matsumura 1999)

- /

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(*Oryza sativa* L. cv. Tarom Hashemi)

Helianthus

(*Zea mays* L. cv. SC. 704)

(*annuus* L. cv. Mehr)

- ()

(Hajiboland & Römheld 2001)

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(

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(

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(Yoshida *et al.* 1976)

(Fortmeier & Schubert 1995)

pH. (Dannel *et al.* 1995)

°C / °C /

%

/

% /%

(Philips pu 9100x)

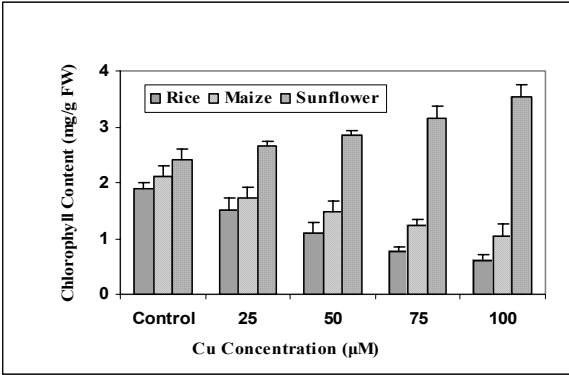
/

Sigma Stat (3.02)

°C

(Tennant 1975)

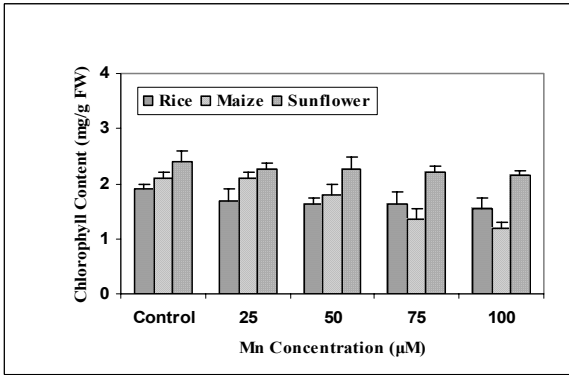
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%

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%

%

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(mg g⁻¹ FW)

%

()

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(

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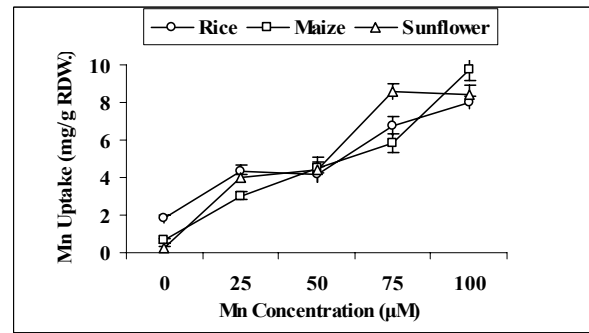
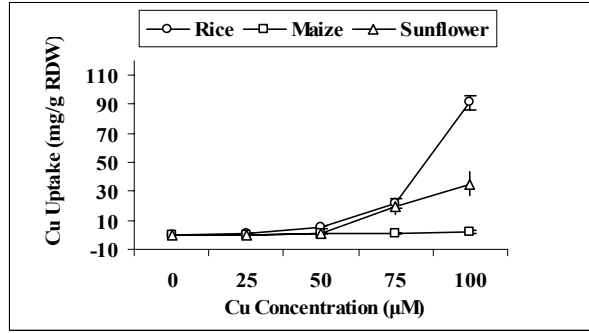
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(Lexmond & Vorm 1981)

(Marschner 1995)

(mg g⁻¹ RDW)

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(

(Mattoo *et al.* 1986)

(Taylor & Foy 1985, Bergmann 1988)

(Sandman & Böger 1983, Mattoo *et al.* 1986)

(Lidon 2001)

Lidon)

(Blamely *et al.* 1986)

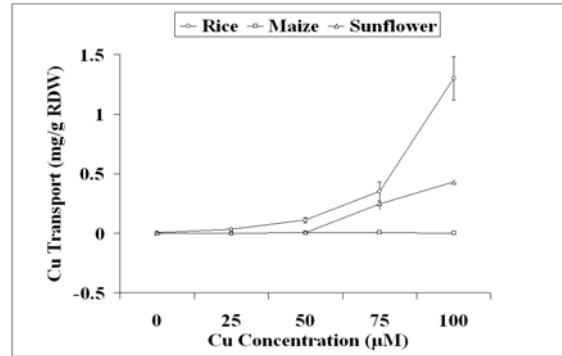
(2001

(Gonzales *et al.* 1998)

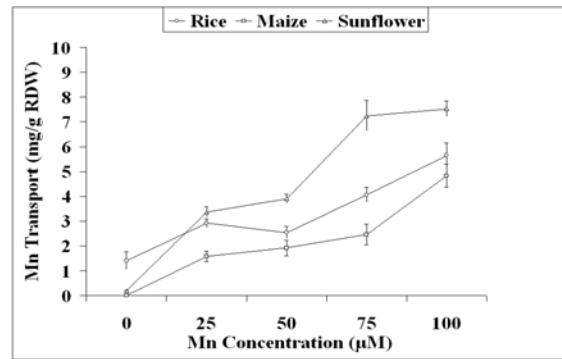
Bucovac & Wittwer)

.(Iwasaki et al. 1990)

.(1957



(Wissemeyer 1988)



.(Liao et al. 2000)

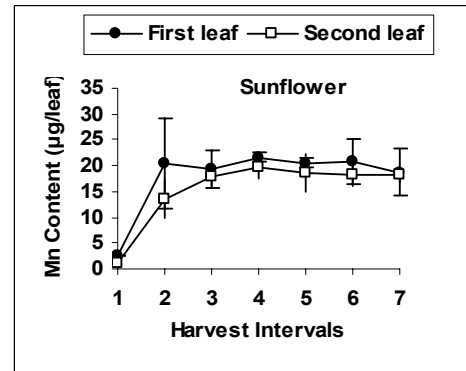
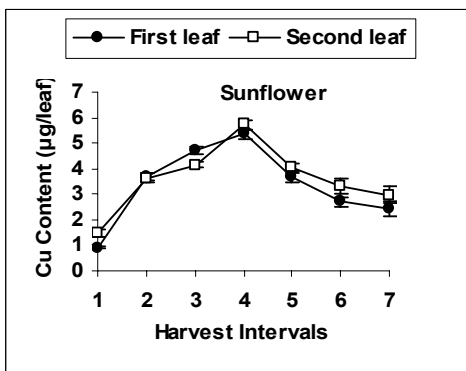
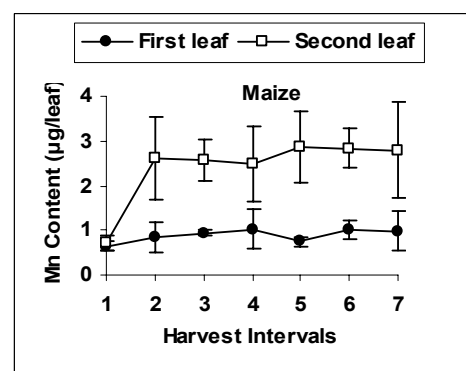
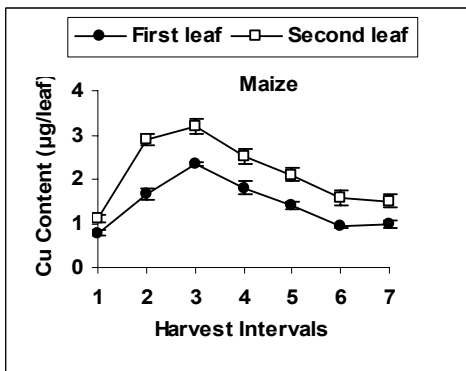
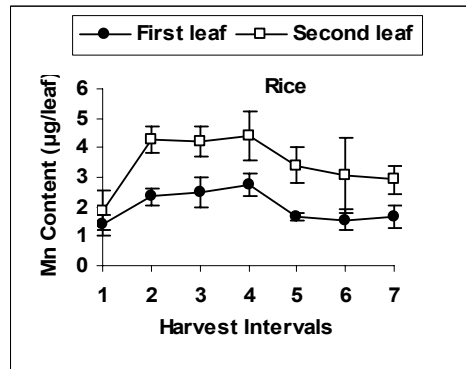
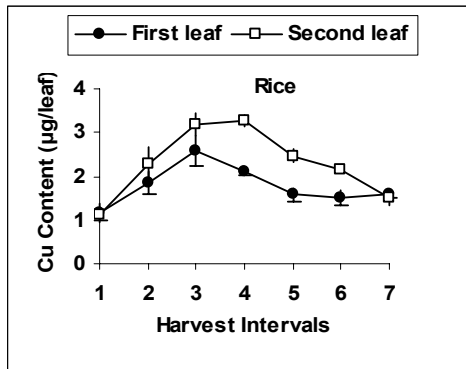
(Liao et al. 2000)

(mg g⁻¹ RDW)

.(Lidon 2001)

.()

Hill)



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