

()

//

مو

M0

(*Glomus mosseae*) Mm (*Glomus interaradices*) Mi ()

CaCl₂ NaCl

(S₄ S₁) ()

(S 8 S 5)

(w/v) : : :

Na₂SO₄ MgSO₄

/ /

()

(p< /) ()

(Mm Mi)

(p< /)

% %

(p< /)

(p< /)

()

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(± ±)

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()

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(

()

()

Cl⁻¹

EC_e

() dSm⁻¹

()

SO₄⁻² Na⁺ Mg⁺² Ca⁺²

()

(mmolL⁻¹)

()

EC

(mmolL⁻¹)

Mg ²⁺	Ca ²⁺	Na ⁺	Cl ⁻	SO ₄ ²⁻
/	/		/	/

1. *Glomus mosseae*
2. *Glomus interaradices*

EC
 dSm^{-1} / /
 Na_2SO_4 $MgSO_4$ $CaCl_2$ $NaCl$

()

(

EC

EC (dSm^{-1})	$MgSO_4 \cdot 7H_2O$ mgL^{-1}	Na_2SO_4	NaCl	$CaCl_2 \cdot 2H_2O$
/ *				
/	/	/	/	/
/	/	/	/	/
/	/	/	/	/

EC : *

EC NaCl

EC (dSm^{-1})	NaCl mgL^{-1}
/ *	
/	/
/	/
/	/

*:EC

EC : *

() ()

(: Mm : Mi : M0

Lycopersicon esculentum)

S4 S1

(var. Spectrum882

(S8 S5)

dSm^{-1} / /

()

SPSS MSTATC

/
()

/
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(.)

(.)

($p < /$)

(.)

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()

()

CaCl₂ MgCl₂ NaCl

Cl Na

()

EC

()

()

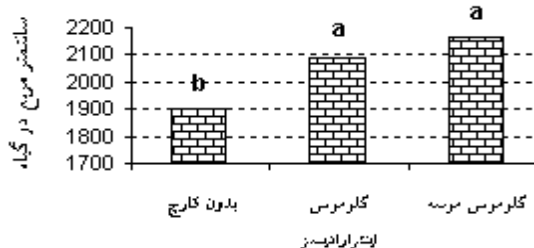
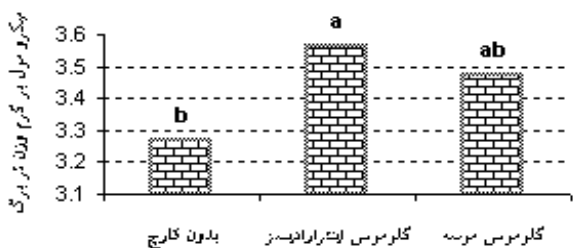
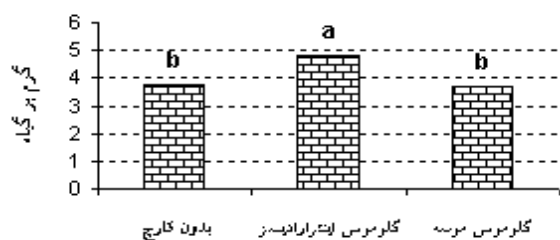
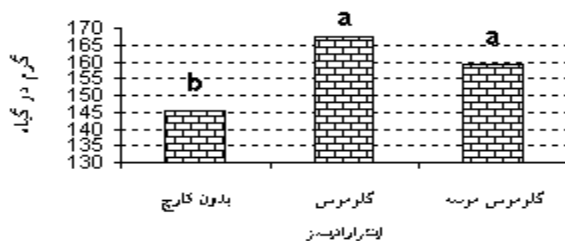
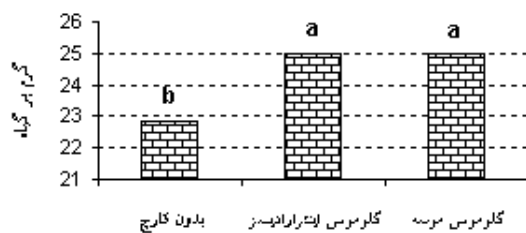
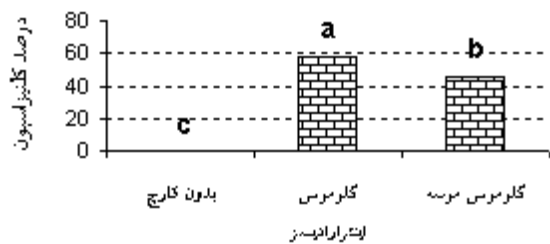
()

(.)

NO₃⁻ SO₄⁻² Cl⁻

()

/



() () () ()
 () ()
 (/)

										EC
										dSm
2/55 d	37/17 _{ab}	25551 a	87/25 a	241/2 _a	5/65 a	40/17 ab	31/25 a	197 a	1/2	
3/34 c	35/42 bc	1992 c	80/92 _{bc}	187 b	4/60 ab	35/98 abc	23/23 b	158/2 b	4/0	
4/11 b	33/83 cd	1818 de	78/42 c	123/3 _c	3/46 bc	29/61 cde	21/24 b	147/3 bc	6/5	
4/58 a	31/1 e	1661 f	73/33 d	74/88 _d	3/04 c	26/06 de	19/99 b	139/1 bc	8/0	
2/32 d	38/42 a	2558 a	87/9 a	236/7 _a	5/51 a	41/08 a	31/95 a	192/3 a	1/2	
3/13 c	35/42 bc	2192 b	83/33 _{ab}	183 b	3/98 bc	32/53 bcd	23/47 b	155/1 bc	4/0	
3/43 c	33/1 cde	1945 cd	76/5 c d	134/9 _c	3/76 bc	29/41 cde	22/23 b	150/3 bc	6/5	

3/80^b 31/50^{de} 1696^{ef} 74/33^d 86/92^d 2/59^c 22/25^e 20/83^b 136/4^c 8/0

/

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()

(EC= dSm⁻¹) S₂

S₁

MgSO₄

()

Mg/Ca

()

()

... :

NaCl EC ()

.()

EC

NaCl

/

NaCl

()

()

Na₂SO₄ NaCl

)

.()

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NaCl

.()

()

(r = / *)

(r = / **)

(r = / **)

(r = / **)

(r = / **)

.()

(p < /)

(p < /)

()

()

CP	WF	La	WR	WS	RC
					RC ()
				/ ns	WS ()
			/ **	/ *	WR ()
		/ **	/ **	/	La ()
	/ **	/ **	/ **	/ ns	WF ()
/ **	/ **	/ **	/ **	/ ns	CP ()

()

%

** * ns

%

.() (ABA)

.()

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