

()

//

مؤ

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< /)

:

()

()

()

± ±

()

()

()

()

EC_e () dSm⁻¹
 Cl⁻¹ () SO₄⁻² Na⁺ Mg⁺² Ca⁺² ()
 (mmol_eL⁻¹)

() EC

(mmol _e L ⁻¹)				
Mg ²⁺	Ca ²⁺	Na ⁺	Cl ⁻	SO ₄ ²⁻
/	/		/	/

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

EC / / dSm^{-1}
 Na₂SO₄ MgSO₄ CaCl₂ NaCl

()

(

EC

()

EC (dSm^{-1})	MgSO ₄ .7H ₂ O mgL^{-1}	Na ₂ SO ₄	NaCl	CaCl ₂ .2H ₂ O
/ *				
/	/	/	/	/
/	/	/	/	/
/	/	/	/	/

EC : *

EC
 () 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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.()

.()

Cl Na

() () (p < /)
() ()

.() ()
CaCl₂ MgCl₂ NaCl

()

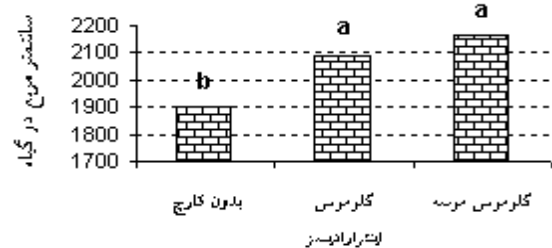
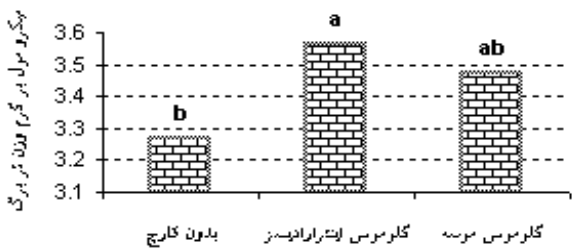
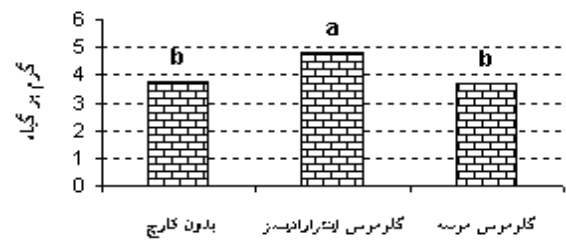
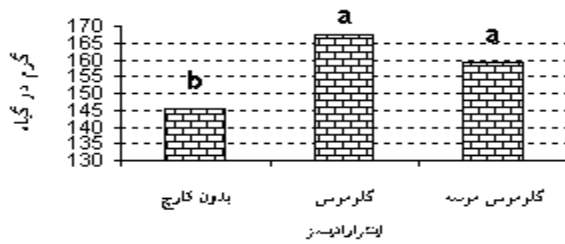
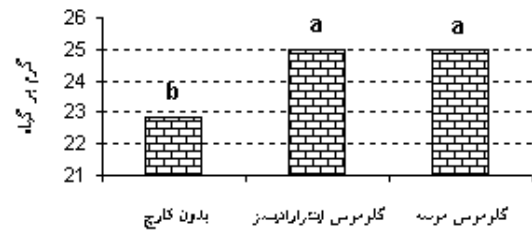
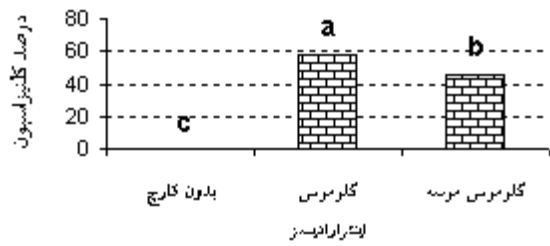
EC

.()

() .()

.() 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 ^{cd}	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

)

.(

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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