

()

(Vigna unguiculata)

(Sorghum bicolor)

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) (D3) (D2) (D1)

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(M2) / (M1)

(

(/ / (M5) / (M4) / (M3) /

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(D1M2)

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(Sandy loam)

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(D3) (D2) (D1)

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(

(M2) / (M1)

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(M)

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(M4)

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(RCC)

(LER)

(A)

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1. Relative crowding coefficient

2. Aggressivity

3. Land equivalent ratio

(RCC)

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K_C K_S

RCC

RCC

(D_1M_2)

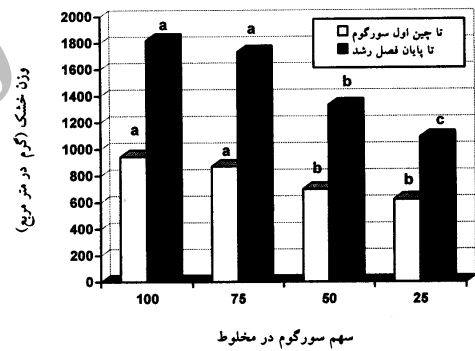
(/) /

(D_3M_2)



(K_C)

(K_S)



C_4

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/ a	/ a	/ a	/ a	/ a
/ a	/ a	/ a	/ a	/ a
/ a	/ a	/ a	/ a	d
/ a	/ a	/ a	/ b	/
/ b	/ b	/ b	/ c	/
/ c	/ b	/ c	/ d	/
/ d	/ b	d	c	/

(RCC)

/

(

/ /

D₃M₂

RCC	Kc	Ks	
/	/	/	D ₁ M ₂
/	/	/	D ₁ M ₃
/	/	/	D ₁ M ₄
/	/	/	D ₂ M ₂
/	/	/	D ₂ M ₃
/	/	/	D ₂ M ₄
/	/	/	D ₃ M ₂
/	/	/	D ₃ M ₃
/	/	/	D ₃ M ₄

(A)

()

/ / /) D₁M₂ (

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D₁M₂

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/ / / / / / / /

(A)
/

) C₃ () C₄ (

/	/	D ₁ M ₂
/	/	D ₁ M ₃
/	/	D ₁ M ₄
/	/	D ₂ M ₂
/	/	D ₂ M ₃
/	/	D ₂ M ₄
/	/	D ₃ M ₂
/	/	D ₃ M ₃
/	/	D ₃ M ₄

(LER)

()

LER

()

()

(D₁M₂)

(/)

(ER)

(RY)

(/)

LER	RYc	RYs	
/	/	/	D ₁ M ₂
/	/	/	D ₁ M ₃
/	/	/	D ₁ M ₄
/	/	/	D ₂ M ₂
/	/	/	D ₂ M ₃
/	/	/	D ₂ M ₄
/	/	/	D ₃ M ₂
/	/	/	D ₃ M ₃
/	/	/	D ₃ M ₄

(/) /

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