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(Nikkhah 2001,  
Singh, 1990; Samizadeh, 1996; Stalker, 1980; Tousi  
.Mojarad & Bihamta 2005)

(Hossain et al., 1990;

Normand et al., 2001)

(Damania & Jackson, 1986)

(Mohammadi, 2002, Papakosta & Gayians,

1991)

(Roostaii, 2000)

(Fischer & Maurer, 1987;

McCaig & Clark, 1982)

(Entz & Flower, 1990)

(Gent & Kiyomoto, 1989;

Giunta et al., 1995)

(McCaig & Clark, 1982)

(Jensen,

1988)

(McKendry et al., 1995)

(Giunta et al., 1995)

(Naderi, 2000)

(Kafi & Damghani, 2000; Palata et

al., 1994)

(Roostaii, 2000)

(Jensen, 1988)

(Jahanbin, 2003)

(Winter et al. , 1988)

(SI)

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={ (

$K_2 O P_2 O_5$

(1987) Fischer & Maurer (1989) Winkel  
(2001) Nikkhah

(1990) Cox et al.  
Papakosta & (1987) Vansanford & Mackown  
(1991) Gayians

$$\begin{aligned} &= \\ & \left( \frac{\dots}{\dots} \right) / \dots \left( \dots \right)^* \\ &= \left( \frac{\dots}{\dots} \right)^* \end{aligned}$$

(2003) Jahanbin (2000) Naderi

Minitab Excel

SPSS

(Entz & Flower, 1990)

(Giunta et al., 1995; Gent & Kiyomoto, 1989)

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Cox et

Papakosta & (1990) Entz & Flower (1990) al.  
(2000) Naderi (1991) Gayians

(1990) Hossain et al.

(1995) McKendry et al.

.(Entz & Flower, 1990)

Judel & (2000) Naderi

(1982) Mengel

.(Jensen, 1988; Naderi, 2000)

KMO

Clarke et al.

(1984)

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1. Kaiser – Meyer – Olkin Measure of sampling Adequacy
  2. Bartlett's test of Sphericity

Xiao (2005) Tousi Mojarad & Bihamta .  
(1993) Yildrim et al. (1991) & Pei  
Mohammadi (1986) Damania & Jackson (2000) Golparvar .  
(2000) Golparvar (2002)  
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(1993) Yildrim et al. .  
(2002) Mohammadi  
Golparvar (2002) Mohammadi .  
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(2000) Golparvar .  
(2000) Golparvar .  
(2000) Naderi  
(2000) Golparvar (2002) Mohammadi  
Yildrim et al. .  
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Mohammadi .  
Yildrim et al. (2000) Golparvar (2002)  
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(2000) Golparvar  
/ (1993) Yildrim et al.  
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Mohammadi (1993) Yildirim et al.  
(2002)  
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(2000) Golparvar .

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(1991) Xiao & Pei    (1993) Yildirim et al.

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(2002) Mohammadi .

(1993) Yildirim et al.

(2000) Golparvar

(2000) Golparvar

(2002) Mohammadi

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(2000) Golparvar .

Damania & Jackson .

(2002) Mohammadi

(1986)

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	Y <sub>P</sub>	Y <sub>S</sub>	MP	GMP	HARM	SSI	STI	TOL	RDI
Y <sub>P</sub>		/ **	/ **	/ **	/ **	/ **	/ **	/ **	/ **
Y <sub>S</sub>			/ **	/ **	/ **	/ **	/ **	/ **	/ **
MP				/ **	/ **	/ **	/ **	/ **	/ **
GMP					/ **	/ **	/ **	/ **	/ **
HARM						/ **	/ **	/ *	/ **
SSI							/ **	/ **	/ **
STI								/ **	/ **
TOL									/ **
RDI									/ **

Y<sub>P</sub> = Yield Potential, Y<sub>S</sub> = Yield Stress, MP =Mean Productivity, GMP =Geometric Mean Productivity, HARM =Harmonic Index, SSI = Stress Susceptibility Index, STI =Stress Tolerance Index, TOL = Tolerance Index , RDI = Relative Drought Index.

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(Damania & Jackson, 1986)

Golparvar (1986) Damania & Jackson Golparvar

(1996) BahramNejad (2000)

(1993) Yildirim et al. .

(2002) Mohammadi

(2000) Golparvar

.(Judel & Mengel, 1982)

(MP)

(GMP)

(STI)

(HARM)

(TOL)

%

%

( SSI)

(RDI)

1. Mean Productivity
2. Geometric Mean Productivity
3. Harmonic Index
4. Stress Tolerance Index
5. Tolerance Index
6. Relative Drought Index
7. Stress Susceptibility Index

.(Blum et al., 1983)

(2001) Normand et al. (1992) Fernandez

Golparvar (2001) Nikkhah (1996) Samizadeh

%

(2000)

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