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.al.,1989; Pathirathna et al., 1989; Tisdale et al.,1993)

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(Spinks and Barber,1947 ;Tisdale et

.al.,1993)

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(Killham,1994; McCready and Krouse,1982;
Tabatabai,1986)

.(Tabatabai,1986; Wainwright, 1984) .(Glisman,2002)

(Rupela and Taura,1973)

(Bardiya et al.,1982; McCready and Krouse, 1982; Pathirathna et (1998) Besharati et al. .al.,1989; Zapata and Roy 2004)

(Kaplan and Orman,1998)

.(Khavazi et al.,2001)

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.(Nourmohamdi et al.,2002)

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.(Salardini,1992)

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(Nourmohamdi et al.,2002)

.(Rosa et al.,1989)

.(Bardiya et al.,1982 ;Besharati et al., 1998)

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(S_4O_6)

(Besharati et al., 1998)

(Kochakzade et al.,2000)

.(Killham,1994)

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/ b	/ bc	/ cd	/ abc	S
/ b	/ bc	/ cd	/ abc	S
/ b	/ bc	/ d	/ bcd	S
/ a	/ bc	/ e	/ d	S
/ c	/ c	/ d	/ cd	S
/ bc	/ ab	/ ab	/ ab	S

* در هرستون، میانگین‌هایی که در یک حرف مشترک می‌باشند، از لحاظ آماری (روش دانکن) تفاوت معنی‌داری در سطح ۵٪ با هم ندارند.

** S_۸ و S_۷، S_۶، S_۵، S_۴، S_۳، S_۲، S_۱ به ترتیب شامل مقداری از گوگرد که بتواند با ۰/۵، ۱۰، ۱۲، ۱۶، ۲۰، ۲۴، ۲۰ و ۲۰ درصد مواد خنثی شونده خاک واکنش دهد و S_۹ و S_{۱۰} به ترتیب شاهد و تیمار توصیه کودی براساس آزمون خاک می‌باشند.

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/ bc	S
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/ abc	S
/ c	S
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/ abc	S

* S_۸، S_۷، S_۶، S_۵، S_۴، S_۳، S_۲، S_۱ به ترتیب شامل مقداری از گوگرد که بتواند با ۰/۵، ۱۰، ۱۲، ۱۶، ۲۰، ۲۴، ۲۰ و ۲۰ درصد مواد خنثی شونده خاک واکنش دهد و

** S_۹ و S_{۱۰} به ترتیب شاهد و تیمار توصیه کودی براساس آزمون خاک می‌باشند.

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/ a		
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%	()	*

(Swaby ,1975;Besharati,

.1999)

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((Stevenson and Cole ,1999; Tisdale et al.,1993)

(Singh and

Chaudhari,1997 Salardini,1992)

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.(Besharati et al., 1998)

.(Kalbasi et al.,1986; Razeto,1982)

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