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(Huntington, 1997)

.(Overton & Waldron, 2004)

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(Shirley & Park, 2003)

(Drackley et al.,

.2001; Hayirili & Grummer, 2004)

.(Huntington, 1997)

.(Huntington, 1997)

.(Drackley, 1999)

.(NRC, 2001)

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Dirksen et al. .

(Huntington, 1997;

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(1985)

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-(Mashek & Beede, 2001)

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.(Shirley & Park, 2003)

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(2000) AOAC

Van soest et al.

(1991)

(NRC, 2001)

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(1999)

$$Y_{ijk} = \mu + T_i + W_j + TW_{ij} + C_k(T_i) + \varepsilon_{ijk}$$

$$Y_{ijk} : \begin{matrix} \mu \\ TW_{ij} \\ \varepsilon_{ijk} \end{matrix} \quad \begin{matrix} W_j \\ C_k(T_i) \end{matrix} \quad T_i$$

(Wildman et al., 1982)

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(NRC, 2001)

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1. Proc Mixed
 2. repeated Measures
 3. Compound Symmetric, Unstructured, autoregressive order-1
 4. Akaike's Information Criterion

(Defrain et al., 2005)

(1999) Dann et al. 1998; Rabelo et al., 2003)

(2002) Ordway et al. . (p< /)

(NRC, 2001)

pH

(p< /)

(Fox et al., 2004;

Huntington, 1997)

(p< /)

(2007) Bradford & Allen .

(NRC, 2001)

(Rabelo et al., 2003)

(Hayirili & Grummer, 2004; Ingvarsten & Andersen, 2000)

(Nikkhah et al., 2008)

(Dirksen et al., 1985)

pH

(Penner et al., 2007; Smith et al., 2005)

pH

pH (p< /)

(Oetzel, 2004)

(Dann et al., 1999; Minor et al.,

.(NRC, 2001)

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.(Charbonneau et al., 2006)

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P-value		SEM		P-value		SEM		
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.(p < /)

.(Penner et al., 2007)

... :

(p < /)

(Dann et al., 1999; Rabelo et al., 2003)

(p = /)

(p < /)

(p < /)

(Drackley et al., 2001)

(Nocek & Tamminga,

.1991)

(Overton & Waldron, 2004)

P-value	SEM	P-value	SEM
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P-value					SEM				
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SCS= {[log₁₀(SCC/1000) - 2] /log₁₀ (2)} + 3

.(Huntington, 1997; Nocek & Tamminga, 1991)

(1999) Dann et al..

.(Nocek & Tamminga, 1991)

(2005) Smith et al. .

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