

Equine Research Centre

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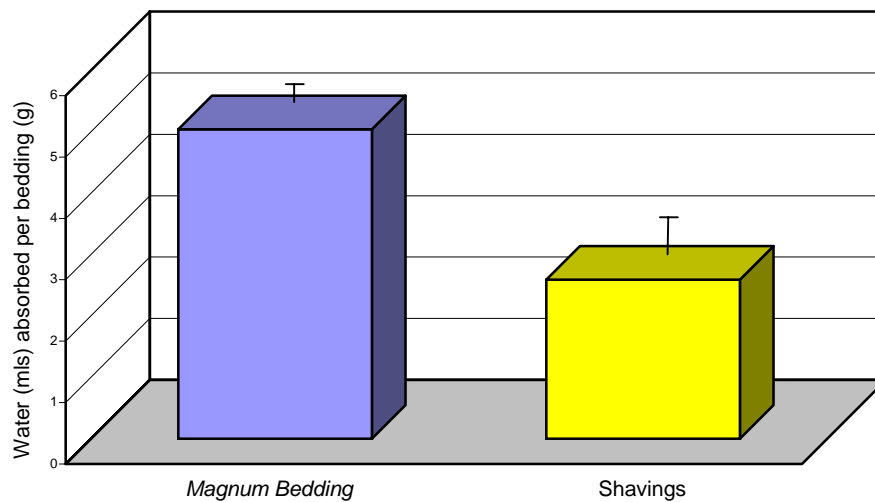
Moisture Absorption

The mean amount of water absorbed by each bedding type is presented in Table 9 and Figure 9. The General Linear Models Procedure identified bedding type as a significant source of variation ($p=0.0001$). The Least Significant Means Tests showed the mean amount of water absorbed by *Magnum Bedding* was significantly higher when compared to shavings ($p=0.0001$).

Bedding	Water (ml) absorbed / bedding (g) \pm S.E.
<i>Magnum Bedding</i>	5.04 \pm 0.19
Shavings	2.59 \pm 0.46

Table 9. Mean amount of water absorbed for each bedding type.

Figure 9. Water Absorption of Bedding Types.



The mean percent increase in weight of each type after saturation is presented in Table 10 and Figure 10. The General Linear Models Procedure identified bedding type as a significant source of variation ($p=0.0001$). The Least Significant Means Tests showed the mean percent increase in weight by *Magnum Bedding* was significantly higher when compared to shavings ($p=0.0001$).

Bedding	Weight increase (%) \pm S.E.
<i>Magnum Bedding</i>	471 \pm 21
Shavings	230 \pm 41

Table 10. Mean percent weight increase for each bedding type.

Figure 10. Percent increase in weight of bedding after saturation.

